



STATE OF  
COLORADO

Mack - CDA, Alyssa <alyssa.mack@state.co.us>

## Organic Certification - Initial Review - Appendices 4, 5 and 7

2 messages

Mack - CDA, Alyssa <alyssa.mack@state.co.us>  
To: Emily Orr <emilyo@aodmilk.com>

Wed, Oct 19, 2016 at 12:02 PM

Hi Emily,

A few questions and clarifications from Appendices 4 - Livestock Management, 5 - Herd Health Materials and 7 - Organic Supplier List:

### In Appendix 4

- The practice of (b) (4) is indicated on page 10 (# 6). We need more specific information on this practice and a description of the process or procedure of (b) (4). If this is a (b) (4)?

### In Appendix 5

- The product label for (b) (4) Please clarify and/or explain your use of this product.
- I could not locate Label #211 (b) (4) in the Health Herd Materials Methods Chart. (Label is on file and listed in "Label List").
- A minor typo, I believe - Label #235 (b) (4) is listed as 234 in the methods chart (234 also listed as (b) (4) in the methods chart).

### In Appendix 7

- (b) (4) is listed as a supplier, but they did not seek certification this year. Please clarify.
- The Supplier List indicates (b) (4) is certified by QAI, but the certificate provided for this operation is from QCS. Please clarify and/or amend.
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I am still working my way through the review, but thought I'd get you started on the above. I expect to be finished by today or tomorrow.

Thanks.

~Alyssa

Alyssa Mack  
Organic Certification Specialist



P 303.869.9075 | F 303.466-2860  
305 Interlocken Parkway, Broomfield, CO 80021  
alyssa.mack@state.co.us | www.colorado.gov/ag

Emily Orr <Eorr@aodmilk.com>  
To: "Mack - CDA, Alyssa" <alyssa.mack@state.co.us>  
Cc: Lenny Richer <Lricher@aodmilk.com>

Wed, Oct 19, 2016 at 1:27 PM

Hello Alyssa,

In Appendix 4, the practice of (b) (4) [redacted] used for employee training (confidential business information). (b) (4) [redacted].

In Appendix 5, the use of (b) (4) [redacted]

In Appendix 5, Label #211 – thank you for pointing this out. I will be sure to update the chart to include this label number under the (b) (4) [redacted] section.

In Appendix 5, Label #235 typo – thank you for pointing this out. I will be sure to update the chart with the correct label number.

Appendix 7, (b) (4) [redacted]

Appendix 7, (b) (4) [redacted] – thank you for pointing this out. The Supplier list will be updated to reflect the correct ACA.

Appendix 7, (b) (4) [redacted] – thank you for pointing this out. The (b) [redacted] listing was erroneously left on the supplier list from the 2013 production year. (b) (4) [redacted] will be removed in the next update.

Thank you Alyssa, please let me know if I can assist further as you conduct your review.

Sincerely,

*Emily Orr*

Organic Compliance Manager

Aurora Organic Dairy

303-222-0691



**From:** Mack - CDA, Alyssa [mailto:[alyssa.mack@state.co.us](mailto:alyssa.mack@state.co.us)]  
**Sent:** Wednesday, October 19, 2016 12:02 PM  
**To:** Emily Orr <[Eorr@aodmilk.com](mailto:Eorr@aodmilk.com)>  
**Subject:** Organic Certification - Initial Review - Appendices 4, 5 and 7

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Alyssa Mack  
Organic Certification Specialist



P 303.869.9075 | F 303.466-2860

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[alysa.mack@state.co.us](mailto:alysa.mack@state.co.us) | [www.colorado.gov/ag](http://www.colorado.gov/ag)



---

**Cow Herd Health Protocol.pdf**  
134K





STATE OF  
COLORADO

Mack - CDA, Alyssa <alyssa.mack@state.co.us>

## Organic Certification - Initial Review - Appx 9, Tabs 9 and 10

2 messages

Mack - CDA, Alyssa <alyssa.mack@state.co.us>  
To: Emily Orr <Eorr@aodmilk.com>

Wed, Oct 19, 2016 at 3:43 PM

Thanks, Emily.

Would you mind in your next update (does not need to be immediately), indicating in the Description column of the Herd Health Materials Methods Chart (Appx 5) a notation for the (b) (4) [REDACTED] hat way we won't ask you about it again next year (hopefully).

Also, would it be too much trouble to add a column in Tab 10 - Master Sanitation Materials List for compliance and/or OMRI/WSDA listing. I know many of the cleansers are not listed, but it would be helpful. Again, this does not have to be immediate - can be with your next update.

Regarding Appendix 9-Seed Inventory List and Tabs 9-Crop Input/Soil Amendments and 10-Master Sanitation List:

### In Appendix 9:

- The (b) (4) [REDACTED] seed letter is from 2013, the (b) (4) [REDACTED] letter is from 2010 – is this from seed still on hand that was purchased in 2013/2010? Please clarify.

### In Tab 9:

- Is 3-31-16 the most up-to-date list for Crop Inputs/Soil Amendment Materials? I did not see a more recent update to Tab 9.
- There is a label on file for (b) (4) [REDACTED] but I did not see it on the list. Please clarify.

### In Tab 10 - Master Sanitation List:

- I cannot find the following labels that are on the list: (b) (4) [REDACTED]. Can you re-submit them or try to describe where (which update) I might find them?
- Also there are labels on file for (b) (4) [REDACTED]. I do not see these on the master sanitation materials list. Please clarify or amend.

I think that should be it. Please respond to the above as soon as you are able and let us know if you have any questions.

Thanks again.

~Alyssa

On Wed, Oct 19, 2016 at 1:27 PM, Emily Orr <Eorr@aodmilk.com> wrote:

Hello Alyssa,

In Appendix 4, the practice of (b) (4) [REDACTED] used for employee training (confidential business information). (b) (4) [REDACTED]

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Sincerely,

*Emily Orr*

Organic Compliance Manager

Aurora Organic Dairy

303-222-0691

**From:** Mack - CDA, Alyssa [mailto:[alyssa.mack@state.co.us](mailto:alyssa.mack@state.co.us)]  
**Sent:** Wednesday, October 19, 2016 12:02 PM  
**To:** Emily Orr <[Eorr@aodmilk.com](mailto:Eorr@aodmilk.com)>  
**Subject:** Organic Certification - Initial Review - Appendices 4, 5 and 7

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Alyssa Mack  
Organic Certification Specialist

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[alyssa.mack@state.co.us](mailto:alyssa.mack@state.co.us) | [www.colorado.gov/ag](http://www.colorado.gov/ag)



Alyssa Mack  
Organic Certification Specialist



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Emily Orr <Eorr@aodmilk.com>  
To: "Mack - CDA, Alyssa" <alyssa.mack@state.co.us>

Thu, Oct 20, 2016 at 9:40 AM

I will be sure to make a notation for the (b) (4)

It will also be no problem to include a column in the Master Sanitation section to indicate the OMRI or WSDA status of a material (where applicable).

Appendix 9:

1. (b) (4). You are correct in your thinking.
2. The Crop Input List with 3-31-16 header date is the most current version in the OSP at this time.
3. Could you share a copy of the (b) (4) in question (It may be something that should be removed)

Appendix 10:

1. The materials listed under cleaners/sanitizers and for external use are listed for reference for the inspector who may see these products on site. (b) (4)
2. (b) (4) is listed on the Master Sanitation list as a cleaner/sanitizer (look between (b) (4) -325 and (b) (4))
3. Can you share a copy of the (b) (4) in question (It may be something that should be removed)

Sincerely,

*Emily Orr*

Organic Compliance Manager

Aurora Organic Dairy

303-222-0691

From: Mack - CDA, Alyssa [mailto:[alyssa.mack@state.co.us](mailto:alyssa.mack@state.co.us)]  
Sent: Wednesday, October 19, 2016 3:43 PM  
To: Emily Orr <[Eorr@aodmilk.com](mailto:Eorr@aodmilk.com)>  
Subject: Organic Certification - Initial Review - Appx 9, Tabs 9 and 10

[Quoted text hidden]

**From:** Scott McGinty  
**To:** [Rakola, Betsy - AMS \(OCIO\)](#)  
**Subject:** FW: Aurora Organic Dairy article in Wash Post  
**Date:** Tuesday, May 2, 2017 11:17:12 PM  
**Attachments:** [Washington Post letter 02.10.pdf](#)

---

Ms. Rakola,

My name is Scott McGinty, President of Aurora Organic Dairy. I am writing because I am aware of the complaint filed with AMS today by the Cornucopia Institute alleging we do not comply with the organic rules. I simply wanted to express, with the greatest possible urgency, that we stand ready to answer any and all questions that your team might have. We are a completely open book and will support any needs the department has to better understand our operations.

The note below and letter attached (from Feb. 10<sup>th</sup>) informed our stakeholders about the Washington Post article and addressed the reporter's false claims. I attach both for your reference. We engaged with the reporter and shared all the information we could about the organic rule and our practices, short of our confidential Organic Systems Plans. However, it appears the attempt was futile as their aim was to support the Cornucopia complaint from the start.

Thank you for your attention. Please call on us any time.

*Scott McGinty*  
*President*  
*Aurora Organic Dairy*  
*303.562.4321*  
*scottm@aodmilk.com*

---

**From:** Scott McGinty  
**Sent:** Tuesday, May 2, 2017 3:21 PM  
**To:** Scott McGinty  
**Subject:** Aurora Organic Dairy article in Wash Post

As friends of Aurora Organic Dairy, I am writing to inform you about a very negative article on our company published today by the Washington Post. This expose-style report is written by a reporter with a strong bias against large scale organic food production.

His claim that we do not comply with the grazing requirements of the National Organic Program are false.

Attached you will find a letter addressing this article sent to our stakeholders in February when we first learned the article was in the works.



In brief, the article ignores the numerical requirements for grazing required by the NOP, which is at least 30% of an animal's diet for a minimum of 120 days. This minimum exists because of the many climate and geographic differences that occur in agriculture across America. Aurora Organic has over 4,000 acres dedicated to organic pasture production at our Colorado farms alone and this allows us to exceed the law's requirements for the grazing portion of our herds' diet. USDA accredited certifiers review and certify our compliance.

The article, however, is applying its own criteria for measuring grazing compliance; the presence of certain fat levels in milk. This is simply not a measure of organic certification required by the NOP. If it were, the range of results from lawfully certified producers would be extremely wide because of the range of permitted grazing across areas of the country. A comparison of one to the other ignores the expectations of the law.

Please know that Aurora Organic Dairy remains committed to all of the requirements of the NOP. If you have any questions, I can be reached at here or at the number below.

*Scott McGinty*  
*President*  
*Aurora Organic Dairy*  
303.562.4321  
[scottm@aodmilk.com](mailto:scottm@aodmilk.com)

## **Disclaimer**

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February 10, 2017

We wanted to alert you that a reporter for the Washington Post, Peter Whoriskey, may run a negative article about pasture practices at AOD and other commercial scale organic dairy farms. We believe he will make false claims about inadequate grazing and challenge our valid organic certifications based on drive by visits to farms, aerial photography supplied to him by activist groups and the presence of essential fatty acids in various types of milk purchased at retail. This person has written anti scale stories before, particularly when he published aerial photos of farms provided by the activist group, the Cornucopia Institute, in 2014.

Because he's attempted to visit our farms, and others' facilities, unannounced, we reached the reporter to address his questions. We shared detailed explanations about NOP rules and the records we are required to keep on grazing schedules and feed calculations. Further, we shared details about our pasture acres, herd sizes, water and waste management permits, all of which are documented as part of our Organic Systems Plans required by the National Organic Program. The reporter seemed to reject these facts and criteria in favor of his own visits, observations and activist rhetoric.

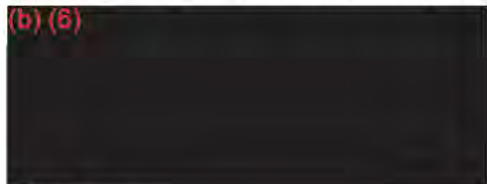
He may also attempt to link grazing practices, and organic compliance, with results of a test showing the presence of certain fatty acids found in organic and conventional milk samples. Although such a small test is neither statistically valid, nor is it a requirement for organic certification, we expect he will draw incomplete conclusions to lead his readers to believe otherwise.

The reporter did speak with at least one of our certifiers who also negated these misconceptions about organic requirements and confirmed that our grazing practices meet NOP standards. Based on his prior publications and attitudes, however, we believe he is determined to have a negative bias toward commercial scale, mainstream organic producers. If this, indeed, is the result and you, your colleagues or your stakeholders receive questions stemming from this article, we will happily address them. Please contact me or our Communications Director, Sonja Tuitele, at [stuitele@aodmilk.com](mailto:stuitele@aodmilk.com) or 303.222.0637.

We can also provide FAQ responses once we see the article. Until then, these are the key facts for anyone interested in the outcome of this article and how it may reflect on your organization.

**Key Points**

- Certified organic dairy farms must provide record keeping and data to prove their cows get a minimum of 30% of their dry matter intake (feed) from pasture during a grazing season of at least 120 days.
- Aurora Organic Dairy farms have executed and documented their grazing practices to the satisfaction of our certifiers. We have maintained continuous and valid organic certifications for each of the farms we operate.
- The National Organic Program is a National rule that recognizes agriculture happens in many different climates and conditions across the country. That means, while all certified dairy farms must meet minimum requirements, not all certified dairy farms have the same rainfall, heat, vegetation or days grazing. Comparisons between two farms in two locations can be very different.
- Organic activists believe that no large farm should be organic and no large company should be able to compete in organic food. These reports are motivated and supported by information from such activists.
- Essential Fatty Acid content in milk is not a requirement of certified organic dairy production.
- Drive by evaluations of a certified organic farm without considering the relevance of a certifier approved Organic System Plan are not remotely accurate or responsible.



Scott McGinty  
President  
[scottm@aodmilk.com](mailto:scottm@aodmilk.com)

FARM:  
7183 State Highway 66  
Platteville, Colorado 80651

PROCESSING:  
4788 State Highway 66  
Platteville, Colorado 80651

CORPORATE:  
1919 14th Street, Suite 300  
Boulder, Colorado 80302

720.564.6296  
[www.auroraorganic.com](http://www.auroraorganic.com)

**From:** Stafford - CDA, Amy  
**To:** [Davis, Graham - AMS](#)  
**Cc:** [Mitchell Yergert - CDA](#); [Duane Sinning - CDA](#)  
**Subject:** Re: Aurora Organic Dairy  
**Date:** Wednesday, May 3, 2017 4:12:28 PM  
**Attachments:** [17 HP CDA Renewal.zip](#)  
[17 HP - Renewal Application Letter to CDA\\_03.15.17.pdf](#)

---

The OSP for AOD is quite comprehensive and extensive. I will be sending it in several emails as a single email would not accommodate everything.

All folders/documents appended HP refer to the High Plains facility, PV refers to Platteville. Items without such designation refers to both operations.

Amy

Amy Stafford  
Organic Program Manager



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305 Interlocken Parkway, Broomfield, CO 80021  
[amy.stafford@state.co.us](mailto:amy.stafford@state.co.us) | [www.colorado.gov/ag](http://www.colorado.gov/ag)

On Wed, May 3, 2017 at 1:56 PM, Davis, Graham - AMS <[Graham.Davis@ams.usda.gov](mailto:Graham.Davis@ams.usda.gov)> wrote:

Amy,

It would also be helpful to have a copy of the operation's OSP as well.

Thanks.

*Graham*



**Graham Davis**

**Accreditation Manager**

**USDA | NATIONAL ORGANIC PROGRAM**

**1400 Independence Ave SW | 2649-S | Washington DC 20250**

**Desk: [202-692-0047](tel:202-692-0047) | Cell: [202-595-4946](tel:202-595-4946)**



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**From:** Stafford - CDA, Amy [mailto:[amy.stafford@state.co.us](mailto:amy.stafford@state.co.us)]

**Sent:** Wednesday, May 03, 2017 3:01 PM

**To:** Davis, Graham - AMS <[Graham.Davis@ams.usda.gov](mailto:Graham.Davis@ams.usda.gov)>

**Cc:** Courtney, Cheri - AMS <[Cheri.Courtney@ams.usda.gov](mailto:Cheri.Courtney@ams.usda.gov)>; Tucker, Jennifer - AMS <[Jennifer.Tucker@ams.usda.gov](mailto:Jennifer.Tucker@ams.usda.gov)>; Mitchell Yergert - CDA <[mitchell.yergert@state.co.us](mailto:mitchell.yergert@state.co.us)>; Duane Sinning - CDA <[duane.sinning@state.co.us](mailto:duane.sinning@state.co.us)>

**Subject:** Re: Aurora Organic Dairy

Good Morning, Graham,

Regarding inspection/oversight of Aurora Dairy (AOD), CDA complies with 205.403 of the USDA National Organic Program, which states (a) *On-site inspections*. (1) A certifying agent must conduct an initial on-site inspection of each production unit, facility, and site that produces or handles organic products and that is included in an operation for which certification is requested. An on-site inspection shall be conducted annually thereafter for each certified operation that produces or handles organic products for the purpose of determining whether to approve the request for certification or whether the certification of the operation should continue. and (b) *Scheduling*. (1) The initial on-site inspection must be conducted within a reasonable time following a determination that the applicant appears to comply or may be able to comply with the requirements of subpart C of this part: *Except*, That, the initial inspection may be delayed for up to 6 months to comply with the requirement that the inspection be conducted when the land, facilities, and activities that demonstrate compliance or capacity to comply can be observed.

(2) All on-site inspections must be conducted when an authorized representative of the operation who is knowledgeable about the operation is present and at a time when land, facilities, and activities that demonstrate the operation's compliance with or capability to comply with the applicable provisions of subpart C of this part can be observed, except that this requirement does not apply to unannounced on-site inspections.

CDA has inspected AOD annually, and at times when ability to comply with 7 CFR Part 205 can be observed. We have inspected during the grazing season to be able to verify compliance with grazing requirements, and we have inspected during the non-grazing season so that we could view the amounts of organic feed being purchased and on-hand in order to verify adequate organic feed is available to meet the nutritional

requirements of the animals when pasture is not available. As I do not see a specific requirement anywhere in the regulations that inspection occur during the grazing season, and ensuring CDA can verify adequate feed on-hand when grazing is not possible (thus verifying AOD's compliance with *all* aspects of the 7 CFR Part 205 and not simply the grazing requirements), the time of year the required annual inspection occurs is not static. The last two inspections for AOD-High Plains were 11/16/2016 and 9/16/2015; for AOD-Platteville, 11/2/2016 and 9/17/2015.

I have attached the Pasture and Grazing Plan that is part of AOD Organic System Plan; the OSP information is quite extensive and should address any questions regarding the pasturing system.

Regards,

Amy Stafford  
Organic Program Manager



P [303.869.9074](tel:303.869.9074) | F [303.466-2860](tel:303.466-2860)

305 Interlocken Parkway, Broomfield, CO 80021

[amy.stafford@state.co.us](mailto:amy.stafford@state.co.us) | [www.colorado.gov/ag](http://www.colorado.gov/ag)

On Wed, May 3, 2017 at 7:10 AM, Davis, Graham - AMS <[Graham.Davis@ams.usda.gov](mailto:Graham.Davis@ams.usda.gov)> wrote:

Good morning Amy,

The NOP would like some specific information from CDA:

- Please elaborate on the operation's grazing season, which is described in the Washington Post article (linked below).
- Please provide us with a summary of the inspection/oversight that has occurred with this operation.

This information will help us respond to questions that are coming into our office. I will follow up with a phone call today to discuss but would appreciate you providing us with this information this morning.

[https://www.washingtonpost.com/business/economy/why-your-organic-milk-may-not-be-organic/2017/05/01/708ce5bc-ed76-11e6-9662-6eedf1627882\\_story.html?utm\\_term=.94b810adbef0](https://www.washingtonpost.com/business/economy/why-your-organic-milk-may-not-be-organic/2017/05/01/708ce5bc-ed76-11e6-9662-6eedf1627882_story.html?utm_term=.94b810adbef0)

Thank you.

*Graham*

**Graham Davis**

**Accreditation Manager**

**USDA | NATIONAL ORGANIC PROGRAM**

**1400 Independence Ave SW| 2649-S | Washington DC 20250**

**Desk: [202-692-0047](tel:202-692-0047) | Cell: [202-595-4946](tel:202-595-4946)**



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## Aurora Organic Farms – High Plains Organic System Plan Table of Contents

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Tab 3	CDA Livestock OSP Modules
Tab 4	CDA Crop OSP Modules
Tab 5	Aurora Organic Farms – High Plains Organic System Plan
Tab 6	Maps & Diagrams
Tab 7	Field Input History
Tab 8	Prior Land Use Affidavits
Tab 9	Soil Sample Report
Tab 10	Water District Report
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Appendix 2	Organic Best Management Practices
Appendix 3	Flow Charts & Diagrams
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Appendix 6	Feed Rations & Supplements
Appendix 7	Supplier List & Certificates
Appendix 8	Pasture & Grazing Plan
Appendix 9	Crop Management
Appendix 10	Master Sanitation

# CERTIFIED ORGANIC

CERTIFIED TO THE USDA ORGANIC REGULATIONS  
7 CFR PART 205

## AURORA ORGANIC FARMS - HIGH PLAINS

28520 WCR 72  
Gill, Colorado 80651  
United States

1919 14th Street, Suite 300  
Boulder, CO 80302  
United States

### ANNIVERSARY DATE

(b) (4)

6/1/2017  
6/1/2017

(b) (4)

### CERTIFICATION NUMBER

(b) (4)

Initial Effective Date

9/20/2006



COLORADO DEPARTMENT OF AGRICULTURE  
305 Interlocken Parkway  
Broomfield, CO, 80021  
(303) 869-9000  
www.colorado.gov/ag



*Amy Stafford*  
Amy Stafford  
Organic Certification Program Manager

1/4/2017

Date Issued

Once certified, a production or handling operation's organic certification continues in effect until surrendered or suspended or revoked.





**COLORADO DEPARTMENT OF AGRICULTURE**  
 Division of Plant Industry  
 305 Interlocken Parkway, Broomfield, CO 80021  
 Tel: 303-869-9050 www.colorado.gov/ag/dpi

**ORGANIC CERTIFICATION PROGRAM  
 APPLICATION FEE SCHEDULE**

This form can be filled out electronically and will automatically calculate your fee. Please complete this form to determine your application fees for the current year. Application fees are annual fees and must be submitted for both initial applications and renewals. All applicants pay a \$400.00 base fee. Additional fees are broken down into 5 scopes (Crop, Process Handler, Livestock, Wild Crop, and Poultry & Livestock Processing). For operations that include multiple scopes, each additional scope is \$200.00.

**Certification Renewals: Renewal Forms and Fees must be postmarked by the specified date in your renewal cover letter.** The base fee increases \$100 per month if not postmarked by the date specified (1 – 30 days past due = \$100; 31 – 60 days past due = \$200; up to a maximum of \$300).

**Initial Applicants: New applicants requesting crop certification must submit the application and Organic System Plan by June 1<sup>st</sup>** to receive certification for the year. There are no late fees for initial certifications.

GENERAL INFORMATION				
<b>Applicant/Company Name:</b> Aurora Organic Farms - High Plains		<b>DBA, if applicable:</b>		
<b>Primary Contact's Name:</b> Emily Orr	<b>Phone Number:</b> 303-222-0691	<b>Email Address:</b> compliance@aodmilk.com		
<b>Mailing Address:</b> 1919 14th. St. STE 300	<b>City:</b> Boulder	<b>State:</b> CO	<b>Zip Code:</b> 80302	<b>County:</b> Boulder
<b>Physical Address:</b> 28520 Weld County Road 72	<b>City:</b> Gill	<b>State:</b> CO	<b>Zip Code:</b> 80651	<b>County:</b> Weld

BASE FEES	
<b>What is your Primary scope?</b>	
<b>(CHECK ONE ONLY - The part of your operation that produces the most income)</b>	
<input type="checkbox"/> Crops	<input type="checkbox"/> Poultry and Livestock Processing
<input checked="" type="checkbox"/> Livestock	<input type="checkbox"/> Process Handler
<input type="checkbox"/> Wild Crop	
<i>Primary Scope = \$400.00</i>	
	<i>If entering by hand enter \$400 here</i> <b>400.00</b>
<b>Which additional scopes are you wishing to certify?</b>	
<b>(Ruminant Livestock Producers must select crops as an additional scope)</b>	
<b>(Check all that apply, additional scopes = \$200 each)</b>	
<i>If entering by hand enter \$200 for each checked box, below</i>	
<input checked="" type="checkbox"/> Crops (must be selected if ruminant livestock is part of operation)	<b>200.00</b>
<input type="checkbox"/> Livestock	<b>0.00</b>
<input type="checkbox"/> Wild Crop	<b>0.00</b>
<input type="checkbox"/> Process Handler	<b>0.00</b>
<input type="checkbox"/> Poultry and Livestock Processing	<b>0.00</b>
<i>Base Fee Total (Primary Scope + additional scopes)</i>	

\*Continue to Page two for Scope Fees





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**ORGANIC CERTIFICATION PROGRAM - APPLICATION FEE SCHEDULE CONT'D**

**SCOPE FEES – Find your Primary Scope from the tables below & check the box that corresponds to the type & size of the operation (Select only one box for your Primary Scope)**

**SCOPE 1: CROPS**

Check the box that corresponds to the type and number of acres you are requesting for certification. If more than one type of production occurs, enter the one which produces the most income.

Irrigated Acres		Dryland Acres	
<input type="checkbox"/> 1 – 20 acres	\$400.00	<input type="checkbox"/> 1 – 1500 acres	\$400.00
<input type="checkbox"/> 1 – 200 acres	\$850.00	<input type="checkbox"/> 1501 - 4000 acres	\$850.00
<input type="checkbox"/> 201 or greater acres	\$2100.00	<input type="checkbox"/> 4001 or greater acres	\$2100.00
Perennial Fruit		Greenhouse/Specialty Crop	
<input type="checkbox"/> 1 – 5 acres	\$400.00	<input type="checkbox"/> 1 – 12000 sq. ft.	\$400.00
<input type="checkbox"/> 6 – 40 acres	\$850.00	<input type="checkbox"/> 12001 – 15000 sq. ft.	\$850.00
<input type="checkbox"/> 41 or greater acres	\$2100.00	<input type="checkbox"/> 15001 or greater sq. ft.	\$2100.00

**SCOPE 2: LIVESTOCK**

Check the box that corresponds to the type and number of livestock you are requesting for certification.

Poultry		Dairy	
<input type="checkbox"/> 1 – 1000 head	\$400.00	<input type="checkbox"/> 1 – 100 head	\$400.00
<input type="checkbox"/> 1001 – 6000 head	\$850.00	<input type="checkbox"/> 101 – 300 head	\$850.00
<input type="checkbox"/> 6001 or greater head	\$2100.00	<input type="checkbox"/> 301 or greater head	\$2100.00
		<input type="checkbox"/> 0¢ per	
Other (Beef cattle, sheep, pigs)			
<input type="checkbox"/> 1 – 250 head	\$400.00		
<input type="checkbox"/> 251 – 500 head	\$850.00		
<input type="checkbox"/> 500 or greater head	Contact CDA		

**SCOPE 3: PROCESS HANDLING**

If both Single-Ingredient and Multi-Ingredient products are being requested, enter the highest fee of the two.

Single Ingredient Finished Products		Multi-Ingredient Finished Products	
<input type="checkbox"/> 1 – 20 products	\$400.00	<input type="checkbox"/> 1 – 5 products	\$400.00
<input type="checkbox"/> 21 – 40 products	\$850.00	<input type="checkbox"/> 6 – 15 products	\$850.00
<input type="checkbox"/> 41 or greater products	\$2100.00	<input type="checkbox"/> 16 or greater products	\$2100.00

**SCOPE 4: POULTRY AND LIVESTOCK PROCESSING**

Livestock Processing		Poultry Processing	
<input type="checkbox"/> 1 – 300 head	\$400.00	<input type="checkbox"/> 1 – 3000 head	\$400.00
<input type="checkbox"/> 301 – 500 head	\$850.00	<input type="checkbox"/> 3001 – 9000 head	\$850.00
<input type="checkbox"/> 501 or greater head	\$2100.00	<input type="checkbox"/> 9001 or greater head	\$2100.00

**SCOPE 5: WILD CROP**

Wild Crop Harvesting	
<input type="checkbox"/> 1 – 2 sites	\$400.00
<input type="checkbox"/> 3 – 5 sites	\$850.00
<input type="checkbox"/> 6 or greater sites	\$2100.00

**Total Application Fee = Total of Base Fees + Scope Fees**

(b) (4)

Total:

Print this form and mail it along with a check made payable to: Colorado Department of Agriculture

Colorado Department of Agriculture  
 Division of Plant Industry  
 305 Interlocken Parkway  
 Broomfield, CO 80021

Fee Schedule



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**ORGANIC CERTIFICATION PROGRAM  
APPLICATION FEE SCHEDULE CONT'D**

**Application Fee Refund Policy:** The entire application fee can be refunded if an applicant decides to withdraw from the certification process, prior to the on-site inspection. Once the on-site inspection is conducted, the entire application fee becomes non-refundable. In order to obtain a refund, the applicant must inform the Colorado Department of Agriculture in writing that they no longer wish to proceed with the organic certification process and request a refund of their application fee.

**Inspection Fees:** Inspection fees are calculated separately and are determined by hourly rates. In the event of an Unannounced Inspection, an operation will only be charged if the unannounced inspection replaces the required annual inspection.

**Inspection Fee Schedule**

Hourly Rates		Mileage	Per Diem
Inspection Time	\$34/hour	Mileage Rate: \$0.25/mile	Varies by Location
Driving Time	\$34/hour		
Report Write-Up Time	\$34/hour		

**THIS PAGE CAN BE KEPT BY THE APPLICANT**



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Tel: (303) 869-9050 Fax: (303) 466-2860 www.colorado.gov/ag/dpi  
**General Requirements & Organic Operator Agreement**

Form: DPI-ORG-GROOA (rev 02/15)

Aurora Organic Farms - High Plains

Mar 15, 2017

Name of Operation

Date

**The following must be signed by the Applicant. By signing this document, the Applicant acknowledges and agrees to:**

1. Fully comply with all applicable organic product and handling regulations in accordance with Title 7 CFR Part 205 National Organic Program Rule issued by the United States Department of Agriculture (USDA), Agricultural Marketing Service.
2. Establish, implement, and update annually an organic production and handling system plan that will be submitted to the Colorado Department of Agriculture (CDA) Organic Program.
3. Supply the CDA Organic Program with all information required to verify compliance with National Organic Program Rule.
4. Permit on-site inspections with complete and unrestricted access to the production and handling operation, including noncertified production and handling areas, structures, and offices by the CDA Organic Program. This inspection may occur with or without an authorized representative of the operation present. These inspections may be announced or unannounced at the discretion of the CDA Organic Program or as required by the Administrator of the National Organic Program.
5. Understanding that the CDA Organic Program may use subcontractors for inspecting, testing, and other technical services, as necessary.
6. Maintain all records applicable to the organic operation for not less than five (5) years beyond their creation.
7. Allow authorized representatives of the CDA Organic Program, of the Secretary of Agriculture (USDA) access to these records under normal business hours for review and copying to determine compliance with the National Organic Program Rule.
8. Submit to the CDA Organic Program the applicable fees as described on the most current fee schedule.
9. Immediately notify the CDA Organic Program about any application, including drift, of a prohibited substance to any field, production unit, site, facility, livestock or part of an operation.
10. Understanding that the use of the CDA name and seal must be in accordance with the Colorado Department of Agriculture's guidelines.
11. Immediately notify the CDA Organic Program of any change in our certified operation or portion of it that may affect its compliance with the National Organic Program Rule.

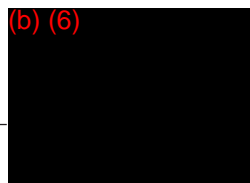
**I, the owner or legally authorized representative,** acknowledge the above General Requirements for CDA Organic Certification and understand that failure to meet the above requirements may be cause for denial of an application and sanctioning of certification. I attest that all information in this application is true and accurate to the best of my knowledge:

Emily Orr - Organic Compliance Manager

Mar 15, 2017

Name/Title

Signature



Date





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**Division of Plant Industry**  
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INSPECTOR USE ONLY

Appointment Date:

Appointment Time:

DPI-ORG-OIAF (02/15)

## Organic Certification Program

### Organic Inspection Appointment Form (Return form with completed Plan Questionnaire)

Farm/Business Name Aurora Organic Farms - High Plains		Primary Contact's Name: Emily Orr		
Physical Address: 28520 Weld County Road 72				
City: Gill		State: CO	Zip Code: 80624	County: Weld
Phone: 303-222-0691		Fax: 720-564-0409		Email: compliance@aodmilk.com
Best hours to call: 8am - 5pm	Indicate which day(s) of the week are most convenient for an Organic Inspector to visit your operation: Monday - Friday			
Draw a clear map and provide written directions to your farm or business.				
<p>To Farm Office:                  28545 County Road 72                  Gill, CO 80624                  From Greeley head North on Highway 85 then turn Right onto County Road 392 and head East for 8 miles. Turn Left onto County Road 55, continue for 2 miles. Turn Right onto County Road 72. Continue for about 1.5 miles, the farm office (house) will be on your Left (North side) off the county road.</p> <p>For maps and directions refer to Tab 6 - Maps &amp; Diagrams</p>				



## ORGANIC PLAN RENEWAL SUMMARY STATEMENT

**A Summary Statement must be submitted for all operations seeking continued certification pursuant to §205.406(a)(i).**

**Please provide a summary statement, supported by documentation, detailing any deviations from, changes to, modification to, or other amendments made to the previous year's organic system plan during the previous year.**

The 2017 High Plains Organic System Plan (OSP) received by CDA (dated March 15, 2017) described all aspects of this operation. Livestock and crop information for the 2016 High Plains' OSP were updated several times during the past year as follows:

1. 6/09/16: Appendix 5, 6, 7 Updated
2. 7/22/16: OSP Tab 2, 3, 4, 5, 6, 7, 8, 10 Updated
3. 8/12/16: Appendix 4, 5, 6, 7, 9, 10 Updated
4. 11/08/16: Appendix 5, 6, 7, 9, 10 Updated
5. 11/08/16: OSP Tab 7 Updated
6. 12/09/16: OSP Tab 5, 6, 7 Updated
7. 1/16/17: HP 2016 Grazing Summary Submitted

Reviewed by:  
 (CDA use only)

Date:



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**ORGANIC CERTIFICATION PROGRAM - ORGANIC SYSTEM PLAN**  
**MODULE 1: GENERAL INFORMATION**

SECTION 1 – GENERAL INFORMATION				
Company/Applicant Name (This will be printed on your certificate): Aurora Organic Farms - High Plains			DBA (If applicable): N/A	
Owner's Name: Aurora Organic Farms	Manager's Name: Juan Velez		Primary Contact's Name: Emily Orr	
Physical Address: 28520 Weld County Road 72	City: Gill	State: CO	Zip Code: 80624	County: Weld
Mailing Address: 1919 14th Street, Suite 300	City: Boulder	State: CO	Zip Code: 80302	County: Boulder
Phone, Business: 720-564-6296	Phone, Cell: (b) (6)		Email Address: compliance@aodmilk.com	
Year first certified: 1999	Previous certifications by other agencies, please list: QAI - Oct '99-May '02		Do you need a copy of the organic standards? No	
For which scope(s) is organic certification (or continuing certification) being sought? Check all that apply. (Please note: ruminant livestock operations must include the crop scope, as pasture must also be certified.)				
<input checked="" type="checkbox"/> Crop <input type="checkbox"/> Greenhouse/Specialty <input type="checkbox"/> Wild Crop <input type="checkbox"/> Livestock, Poultry <input checked="" type="checkbox"/> Livestock, Ruminants <input type="checkbox"/> Livestock, Other <input type="checkbox"/> Process/Handler (including of livestock)				
Which category best describes this operation?				
<input checked="" type="checkbox"/> 100% Organic <input type="checkbox"/> Organic and Conventional/Non-Organic				
Through what avenues does the operation sell or otherwise market their products? Mark all that apply:				
(b) Wholesale                      (b) On-farm retail                      (b) CSA/subscription                      (b) Contract to buyer (4) Farmers markets                      (4) Sale to a retail establishment                      (4) Bulk commodities to processor Other (specify): Internal Transfer                      Exporting (where?):				
For producers, are organic products purchased from other producers to sell or otherwise distribute? (b) Yes                      (b) No If yes, a Process Handler OSP must be included.				
Please provide a brief description of this operation. Please Tab 5 - OSP Section A - Overview				

Operator Review, Initial, Date:

Inspector Review, Initial, Date:



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**ORGANIC SYSTEM PLAN – GENERAL INFORMATION**

<b>SECTION 2 - PREVIOUS CERTIFICATION</b>		<b>Module 1, Cont'd</b>	
<b>This section must be filled out each year.</b>			
For re-certification, were conditions placed on the previous year's certification? If yes, what were the conditions?	(b) (4) Yes	(b) (4) No	(b) (4) NA
Were all the conditions addressed? If yes, how?	(b) (4) Yes	(b) (4) No	
Has certification ever been denied for this operation? If yes, describe the circumstances:	(b) (4) Yes	(b) (4) No	
Are there any outstanding non-compliances for the operation? If yes, what is the non-compliance?	(b) (4) Yes	(b) (4) No	

<b>SECTION 3 - AFFIRMATION &amp; SIGNATURE</b>	
<b>I affirm that all statements made in this application are true and correct. No prohibited products have been applied to any of my organically managed fields during the three-year period prior to projected harvest. I understand that the operation may be subject to unannounced inspection and/or sampling for residues at any time as deemed appropriate to ensure compliance with the NOP Rules. I understand that acceptance of this form in no way implies granting of certification by the Colorado Department of Agriculture. I agree to follow all the applicable organic standards set forth in the National Organic Program regulations 7 CFR Part 205.</b>	
Signature of Operator: (b) (6)	Date: March 15, 2017
The business is operating as a: <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Limited Liability Co. <input type="checkbox"/> Other, describe:	Date Incorporated: 2010
List the person(s) authorized to receive and accept service of summons and legal notices of all kinds for the applicant in the state of Colorado.	
Name(s): Brent Cannell	Title: Regulatory Affairs & Technical Lead
Complete Address (if different from operation's address): Aurora Organic Farms, 1919 14th St. STE 300, Boulder, CO 80302	

Company Name:





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**ORGANIC SYSTEM PLAN – GENERAL INFORMATION**

**SECTION 4 – ATTACHEMENTS** **Module 1, Cont'd**

**This section must be filled out each year.**

Attachments for the following may be required as supporting documentation. If you have already submitted a particular piece of information, it does not need to be included again unless a change or update has occurred. Please select all documents that have been attached to the OSP for the current year.

**Crop/Plant Production**

- (b) Field maps (with Field ID, buffers/dimensions, adjoining land use, notable structures)
- (4) Soil/plant tissue tests
- Seed documentation
- Non GMO, Nonorganic verification
- Compost documentation
- Input (Fertilizers, pesticides, etc.) product labels
- Input product OMRI or WSDA certificates
- Labels for product sold by the operation as organic
- Prior land use affidavits
- Fees
- Inspection Appointment Form
- Other, Please list: [See Table of Contents](#)

**Livestock Production**

- (b) Field maps (with pasture/outdoor areas, housing and handling structures, adjoining land use)
- (4) Water tests
- Organic certificates for purchased animals
- Organic certificates for purchased feed
- Labels for feed supplements and additives
- Labels for all vaccines and medications/health care products
- Input product OMRI or WSDA certificates
- Inspection Appointment Form
- Fees
- Other [See Table of Contents](#)

**Process Handling**

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>(b) Process flow chart/narrative</li><li>(4) Pest control product labels/MSDS</li><li>Processing aid labels/MSDS/Spec. sheets</li><li>Boiler additive labels/MSDS</li><li>Natural flavor affidavits</li><li>Supplier certificates</li><li>Application fees</li><li>Other:</li></ul> | <ul style="list-style-type: none"><li>(b) Facility map</li><li>(4) Cleaner/sanitizer labels/MSDS</li><li>Input product OMRI or WSDA certificates</li><li>Water test results</li><li>Nonorganic ingredient verification</li><li>Labels for products produced</li><li>Inspection Appointment Form</li></ul> |
|---|---|

Company Name:





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**MODULE 2: CROP/PRODUCTS REQUESTED FOR CERTIFICATION**

**CROPS/PRODUCTS REQUESTED FOR CERTIFICATION**

**The crops and/or products being requested for certification must be listed each year.** This is what will be on the operation's certificate. List all products and check the box if you are continuing to grow this crop for the current year, strike through any crops that were listed last year that you will not be growing this year, add any new crops or products to the bottom of the list. It is not necessary to list individual crop varieties (carrots vs. yaya carrots, purple haze carrots, bolero carrots, etc.) unless it is important for you to have them listed on the certificate this way. Please list all forms that you wish to market the crop (example: Oats and Oat Straw). If crops are grown for harvest as well as to market as transplants or seed, please list all of these forms separately and specify the use.

<u>Crop/Product</u>	2017	Last yr. certified	<u>Crop/Product, Cont'd</u>	2017	Last yr. certified
(b) (4)	<input type="checkbox"/>	2016		<input type="checkbox"/>	
	<input type="checkbox"/>	2016		<input type="checkbox"/>	
	<input type="checkbox"/>	2016		<input type="checkbox"/>	
	<input type="checkbox"/>	2016		<input type="checkbox"/>	
	<input type="checkbox"/>	2016		<input type="checkbox"/>	
	<input type="checkbox"/>	2016		<input type="checkbox"/>	
	<input type="checkbox"/>	2016		<input type="checkbox"/>	
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	<input type="checkbox"/>	2016		<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
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	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>	

Operator Review, Initial and Date:

CDA Inspector Initial and Date:

Company Name:



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See Tab 5 OSP Section D Origin of Livestock

**Livestock Production - Organic System Plan  
 MODULE 60: Operation Profile**

**Operation Profile**

In the table below, please enter the requested information. Depending on the operation, numbers of animals should reflect the maximum number during a season or the average number to give the best understanding of the operation. A production group or class is a group of animals managed separately based on age, sex, diet, reproductive stage, etc. Production groups listed here should be the same throughout this OSP.

Type and Breed of Livestock	Total # of animals	# of Females	# of Males	# of Nonorganic Breeding Stock	# of Organic Animals Eligible for Slaughter <i>(managed organically from last third of gestation)</i>	Classes or Production Groups (if applicable)	Products for Organic Certification (Dairy, Meat, Fiber, Live Animals, etc.)

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:  
 F-E-409  
 2/29/2016





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**MODULE 60: Operation Profile Cont'd**

**1. Describe the flow of animals through the operation during a given year. This can be done in a narrative form below or in a flow chart(s) or diagram(s). Include and explain major aspects of the operation.**

Refer to OSP Section D "Origin of Livestock" and Appendix 3: Flow Charts & Diagrams.

**2. A map or diagram of the operation must be submitted. This should include all relevant aspects of the operation including pasture areas, housing/shelter structures, yards, feed pads, manure storage, etc.**

Appendix 3: Flow Charts & Diagrams

**3. Does any custom grazing or boarding of animals owned by the operation ever take place at locations not owned or managed by this operation? Please explain.  N/A**

(b) (4) . Refer to HP OSP Tab 6 Maps & Diagrams.

**4. Does the operation maintain any other types of certifications? If yes, please list  Yes  No**

(b) (4)

**5. NOP Rule 205.236(c) requires that a producer of an organic livestock operation maintain records sufficient to preserve the individual identity of all organically managed animals. Please describe the animal identification system used at this operation.**

Refer to OSP, Section D "Origin of Livestock" for Animal ID system

**6. If an animal needs to be treated with prohibited materials, how are they identified and/or kept segregated?**

See Tab 5 OSP Section F Livestock Health Care Practice Standards

*Please Note: A list of individual animals must be maintained by the operation. This list must include the following for each animal: Animal ID, breed (if multiple breeds), date of birth or date of purchase, date placed under organic management, notations regarding any medical treatments including antibiotics or prohibited materials, any event and reason of animal leaving the operation. This list will be verified at inspection.*

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



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**Livestock Production – Organic System Plan**  
**MODULE 61: Origin of Livestock**

NOP Rule 205.236 requires that livestock products that are to be sold, labeled or represented as organic must be from livestock under continuous organic management from the last third of gestation *except* that milk or milk products from a herd must be from animals that have been under continuous organic management for at least one year prior to production of organic products. Once an entire distinct herd (dairy) has been converted to organic production, all dairy animals shall be under organic management from the last third of gestation.

1. Are dairy animals raised at this operation? (b) (4) Yes (b) (4) No

a) If yes, is a dairy herd currently being transitioned to organic management? (b) (4) Yes (b) (4) No

i) If yes, list the date conversion began \_\_\_\_\_

2. How does this operation obtain replacement or additional animals?

(b) (4) Organic animals (organically managed from the last third of gestation) are purchased.

(b) (4) Nonorganic animals are purchased and transitioned to organic (only allowed for *new* applicants of dairy animals transitioning an entire herd. Animals must be under continuous organic management for at least one year prior to marketing products as organic.)

(b) (4) Nonorganic breeder stock are obtained to raise offspring organically from the last third of gestation (does not apply to dairy operations).

(b) (4) Replacement animals are bred and born on this operation and managed organically from the last third of gestation or later.

(b) (4) Other, explain: AOF Internal Transfer, see OSP Section D "Origin of Livestock"

**Please complete the table below for any animals purchased since the last OSP update**

Type/Class of Livestock Purchased	Number of head purchased	Date of Purchase	Source (name and address of seller)	Certified? If yes, list certifier	Last third of gestation animal?
<div style="border: 1px solid red; padding: 5px; color: blue;">                     Refer to OSP Section D "Origin of Livestock" and Appendix 7: Supplier List and Certificates.                 </div>					

Operator Review, Initial and Date: \_\_\_\_\_ Inspector Review, Initial and Date: \_\_\_\_\_

Company Name: \_\_\_\_\_





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**Livestock Production – Organic System Plan**  
**MODULE 62: Nonorganic Livestock Production**

**Non-Organic Livestock Production**

**No Nonorganic Livestock Production occurs on this operation. All livestock on this operation are Organic.**  
**Skip to Module 63: Feed and Pasture**

1. Which types of Livestock are being raised nonorganically on this operation:

2. Does the operation raise the same types of Livestock organically and nonorganically? (b) (4) Yes (b) (4) No

a) If yes, please list the types of livestock raised both organically and nonorganically:

b) If yes, how are nonorganic and organic livestock kept separate and distinguishable?

3. How are organic feeds and healthcare products kept separate and distinguishable from nonorganic?

4. How are organic and nonorganic products kept separate and distinguishable during harvest/collection, processing, and packaging?

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



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Livestock Production – Organic System Plan  
MODULE 63: Feed and Water

FEED

Section 1

NOP Rule 205.237 requires the producer of an organic livestock operation to provide a total feed ration composed of agricultural products, including pasture and forage, that are organically produced and handled by operations certified to the NOP *except* that synthetic substances listed in 205.603 and nonsynthetic substances not prohibited in 205.604 may be used as feed additives and supplements. All agricultural ingredients for such additives and supplements must have been produced and handled organically. Using animal drugs, including hormones and antibiotics, to promote growth is prohibited, as is providing feed supplements or additives in amounts above those needed for adequate nutrition and health maintenance. Feeding of plastic pellets for roughage, formulas containing urea or manure, and feeding of mammalian or poultry by-products are prohibited.

1. Does this operation grow crops for livestock feed (other than pasture)?  Yes  No

If yes, what types of feed crops does this operation grow (other than pasture)?

See OSP Section I: Crop Farm Plan

2. Are fodder sprouts (sprouted grain) grown as livestock feed?  Yes  No

If yes, please describe the system for growing fodder sprouts.

3. Are young stock (under 6 months) raised at this operation?  Yes  No

If yes, please indicate by what means young stock are fed, by checking all applicable boxes below.

- Raised on/with mother or nurse animal
- Organic milk from organic on-farm animals
- Purchased organic milk
- Milk replacer
- Organic forage
- Organic grains
- Other, list: See Appendix 6: Feed Rations & Supplements

4. Is feed purchased?  Yes  No

If yes, please enter all feed purchases in Module 44: Feed and Feed Supplement List

5. Is any organic feed processed (mixed, ground, roasted, extruded, etc) at this operation?  Yes  No  
(If yes, a Process Handler OSP must be submitted.)

If yes, is equipment used to process organic feed also used for nonorganic feed?  Yes  No

If yes, how does the operation ensure there is no contamination from nonorganic products?

6. What is the operation's plan for emergency feed supplies?

(b) (4)

7. Is the feed ration provided at this operation sufficient to meet nutritional requirements of each type of livestock and stage of growth, including vitamins, minerals, protein and/or amino acids, fatty acids, energy sources and fiber?

Yes  No

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Livestock OSP Module 63: Feed and Water

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Revision A





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**Livestock Production – Organic System Plan**  
**MODULE 63: Feed and Water**

**FEED Cont'd**

**Section 1 Cont'd**

**8. Please indicate where and how feed is stored in the table below. Please see OSP Section L "Crop & Feed Production and Protection"**

Storage Name or ID	Type of Feed Stored	Type of Storage	Capacity	Dedicated Organic?

**9. Is any feed stored at locations other than this operation after purchase?** (b) Yes (b) No  
 If yes, please submit a Storage Facility Affidavit.

**10. Are any pest control methods used in feed storage areas?** (b) Yes (b) No  
 If yes, please list in Module 17: Cleaning, Sanitizing and Post Harvest Inputs.

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Livestock Organic System Plan  
Module 63: Feed and Water Cont'd

**WATER**

**Section 2**

1. What are the sources of water for livestock use? Check all that apply

- On-site well       Municipal       Natural river/creek/pond  
 Man-made farm pond       Spring       Other, specify  (b) (4)

2. If livestock have access to a river, creek or pond, how is water quality maintained and erosion controlled?  N/A

3. Are any additives used in livestock water sources?  Yes       No  
*If yes, please list them in Module 64: list of Feed and Feed Supplements.*

4. Describe how the operation ensures there is year round access to clean water sources for livestock.  
See OSP Section E "Livestock Feed"

5. Are any water contamination problems experienced?  Yes       No  
If yes, how are contamination issues minimized?

6. Is water regularly tested?  Yes       No  
If yes, for what materials is it tested?  
See Tab 10: Water District Report

If yes, when were water tests most recently performed? See Tab 10: Water District Report  
*Please note, copies of water test results should be available at inspection.*

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See Appendix 7: Supplier  
List & Org Certs

**MODULE 64: Feed and Feed Supplements**

**Feed and Feed Supplements**  
Please list all purchased feed and feed supplements in the table below. Include anything added to water, minerals, and silage inoculants. Labels for products and/or verification of organic certification must be submitted. Products administered for healthcare/medical reasons should be listed in Module 68: Health Care Materials list.

Type of Feed or Supplement Product Name	Source/Supplier or Manufacturer	Certifier of Supplier (if applicable)	Status (CDA to enter)	Review Date (CDA to enter)

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**MODULE 64: Feed and Feed Supplements Cont'd**

<b>FEED AND FEED SUPPLEMENTS Cont'd</b>				
<b>Type of Feed or Product Name</b>	<b>Source/Supplier or Manufacturer</b>	<b>Certifier of Supplier (if applicable)</b>	<b>Status (CDA to enter)</b>	<b>Review Date (CDA to enter)</b>

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**Livestock Production – Organic System Plan**  
**MODULE 66: Ruminant Livestock Feed and Pasture**

**Dry Matter Demand and Dry Matter Intake**

**Section 1**

**(b) (4)** No ruminant animals/animal products are being requested for certification at this operation. Instead, fill out Module 65: Non-ruminant Livestock Feed.

1. Please complete the table below regarding Dry Matter Demand. An operation may submit their own documents as long as they contain all of the requested information. See Appendix 6 Feed Rations & Supplements

Production Group/Class	Approximate average animal weight (lbs.)	Dry Matter Demand (lbs.per animal/day)

2. How are the Dry Matter Demand values, listed above, determined?

See Appendix 8: Pasture & Grazing Plan

3. How is Dry Matter Intake determined at this operation?

See Appendix 8: Pasture & Grazing Plan

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**MODULE 66: Ruminant Livestock Feed and Pasture cont'd**

**FEED RATIOS**

**Section 2**

During the grazing season, producers must provide an average of no less than 30% of a ruminant animal's dry matter intake from grazing. The grazing season is defined as the period of time when pasture is available for grazing given climate factors, natural precipitation or irrigation. The grazing season must be at least 120 days per year; however, these days do not need to be continuous.

1. Describe feed ratios during the grazing season by each animal class or production group in the table below. Include DMI from grazing, all other feed and feed supplements. This information can be submitted on your own forms as long as all requested information is included.

**(b)** N/A. All animals' total ration is 100% pasture during the grazing season and the grazing season is at least 120 days. Skip to "Non Grazing Season Feed Ratios" on page 3 of this module.

**GRAZING SEASON FEED RATIOS**

Class or Production Group	Feed Type or Ration Component	Amount (per animal per day)
See Appendix 6: Feed Ratios & Supplements		

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**MODULE 66: Ruminant Livestock Feed and Pasture Cont'd**

**FEED RATIONS Cont'd** **Section 2 Cont'd**

2. Describe feed rations during the Non-Grazing Season by each animal class or production group in the table below. Include feed supplements. The non-grazing season must not be longer than 245 days. This information can be submitted on your own forms as long as all requested information is included.

**(b) (4)** N/A. Ruminant Livestock are not part of this operation during the non-grazing season. Skip to Section 3 of this module.

**NON GRAZING SEASON FEED RATIONS**

Class or Production Group	Feed Type or Ration Component	Amount (per animal per day)
See Appendix 6: Feed Rations & Supplements		

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See Tab 5: OSP Section K "Crop Management" & Tab 7: Field Input History

**MODULE 66: Ruminant Livestock Feed and Pasture Cont'd**

**PASTURE AND GRAZING** Section 3

Per NOP Rule 205.240 Pasture and rangeland must be managed as a crop in compliance with NOP organic crop standards. A pasture plan (this module or the producer's own documents, provided they address all of the requirements of 205.240(c)1 - 8) must be updated annually.

1. From the Crop OSP, please list and describe the management of the fields that are used as pasture to graze animals, in the table below.

Pasture or Rangeland ID/Name	Acres	Pasture make-up/composition (perennial species, annual species, native pasture, rangeland, crop residue, etc.)	Irrigated? If yes, list type	Grazing Methods (Rotational, Continuous, Intensive, etc.)
<b>Total Acres Available for Grazing</b>	0			

2. Describe the grazing season of this operation including the approximate start and end dates and conditions that determine the grazing period.

See Appendix 8: Pasture & Grazing Plan

3. During the grazing season, how many hours per day are animals on pasture? If this is different between classes or production groups, please list the number of hours for each group.

See Appendix 8: Pasture & Grazing Plan

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**MODULE 66: Ruminant Livestock Feed and Pasture Cont'd**

**PASTURE AND GRAZING Cont'd** **Section 3 Cont'd**

**4. How does the operation ensure all animals are grazing a minimum of 120 days per year?**

See Appendix 8: Pasture & Grazing Plan

**5. How is it determined that animals are receiving no less than an average of 30% of their dry matter demand from pasture during the grazing season?**

See Appendix 8: Pasture & Grazing Plan

**6. Is pasture access ever denied to animals during the grazing season?  
If yes, for what specific reasons is pasture denied and for how long is pasture denied?**

See Tab 5: OSP section G livestock living conditions  
See Appendix 8: Pasture & Grazing Plan

**7. How is the denial of pasture access documented?**

See Tab 6 Maps & Diagrams  
See Appendix 8: Pasture & Grazing Plan

**8. How is it ensured that enough pasture of sufficient quality is available to supply 30% of animals' dry matter intake requirements during the grazing season? Check all that apply.**

- (b) (4) Rotational grazing
- (b) (4) Resting periods
- (b) (4) Forage testing
- (b) (4) Other, describe: See Appendix 8: Pasture & Grazing Plan
- (b) (4) Periodic pasture reseeding
- (b) (4) Appropriate stocking densities
- (b) (4) Fertilizing
- (b) (4) Irrigation
- (b) (4) Maintaining appropriate forage heights
- (b) (4) Weed control

**9. How do pasture management practices of this operation minimize the outbreak and spread of disease and parasites?**

See Appendix 10: Master Sanitation Procedures

**10. Are ruminants finished for slaughter at this location?**  (b) (4) Yes  (b) (4) No

**a) If yes, are these livestock grazed during the finish period?**  (b) (4) Yes  (b) (4) No

**b) If no, how long is the finishing period?**  
 (b) (4) [Redacted]

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**Livestock Production – Organic System Plan**  
**MODULE 67: Health Care**

**HEALTH CARE, GENERAL** **Section 1**

Per NOP Rule 205.238, producers must establish and maintain preventative livestock health care practices. When preventative practices and veterinary biologics are inadequate to prevent sickness, a producer may administer synthetic medications, provided that such medications are allowed under 205.603. Medical treatment must not be withheld from a sick animal in an effort to preserve its organic status. Livestock treated with a prohibited substance must be clearly identified and shall not be sold, labeled, or represented as organically produced.

**1. What are the general components of the operation's livestock health care plan? Check all that apply.**

(b) Selection of well adapted species (4) Good quality feed Access to the outdoors Low stress handling Quarantine/isolation of sick animals Allowed health materials/products	(b) Selective breeding (4) Nutritional supplements Dry bedding Good sanitation Administration of vaccines/other biologics Other(s): OSP Section C: Animal Welfare Program, +	(b) Raising own replacement stock (4) Multi species grazing Good ventilation in housing Biological control of pests, parasites
--	---	---

**2. Describe how indoor and outdoor stocking densities allow for exercise and freedom of movement?**  
 See Tab 5 OSP: Section G Livestock Living Conditions

**3. Describe how the physical set up of the operation allows for freedom of movement, exercise and reduction of stress?**  
 See Tab 5 OSP: Section G Livestock Living Conditions

**PHYSICAL ALTERATIONS** **Section 2**

NOP Rule 205.238 permits the physical alteration of livestock as needed to promote the animal's welfare providing it is in a manner that minimizes pain and stress.

**1. In the table below, describe any physical alterations performed on animals. Include ear tagging, ear notching, branding, castration, dehorning, etc.** (b) N/A No physical alterations are performed at this operation.

Physical Alteration	Age	Reason for Alteration	Method
See OSP Section F: Livestock Health Care Practices Standards; and Appendix 4: Livestock Management			

**2. How do practices ensure that pain and stress associated with physical alterations is minimized? Check all that apply.**

(b) Handling time is minimized (4) Separation time from the group is minimized Other, describe: See Appendix 4: Livestock Management	(b) Pain killers or anesthetics are used (4) Clean equipment/tools are used	(b) Squeeze chutes are used
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See OSP Section F: Livestock Health Care Practice Standards and Appendix 4:  
 Livestock Management **MODULE 67: Health Care Cont'd**

**PREVENTION AND TREATMENT** **Section 3**

**1. An effective Health Care Program should anticipate potential health or disease issues and have a plan for the prevention and treatment of these issues. In the table below describe health problems and diseases livestock have had, are having or might have. A few issues have been indicated, but you must include the other specific problems or potential problems at your operation.**

Health Problem/Disease	Preventative Practices	Treatment or Control ( <i>general – please list specific materials &amp; products in Module 68</i> )
External Parasites		
Flies		
Internal Parasites		
Predators, specify:		

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**MODULE 67: Health Care Cont'd**

**Prevention and Treatment Cont'd** **Section 3 Cont'd**

2. Are synthetic parasiticides used on this operation? (b) Yes (b) No  
(4) (4)

*Please note, synthetic parasiticides are prohibited in slaughter stock, but allowed for emergency treatment in dairy and breeder stock when preventative management does not prevent infestation. Dairy products from a treated animal cannot be labeled or sold as organic for 90 days following treatment. In breeder stock, treatment cannot occur during the last third of gestation if the progeny will be sold as organic and must not be used during the lactation period for breeding stock.*

(b) (4)

3. If an animal is treated with a prohibited material, what happens to the animal after treatment? How is it ensured that products from the animal are prevented from entering the organic market?

See OSP Section F: Livestock Health Care Practice Standards and Appendix 4: Livestock Management

4. How is effectiveness of the health care program monitored?

- (b) Visual observation (b) Body condition scoring (b) Production analysis
- (4) Testing for disease (4) Fecal monitoring (4) Other, list:

See OSP Section F: Livestock Health

5. What is average percentage of death or loss on this operation?

See Appendix 3 Flow Charts & Diagrams "Dairy Livestock Flow Diagram"

6. What is the name and contact information for the operation's veterinarian?

(b) (4), (b) (6)

7. Does the operation utilize other off-farm specialists (e.g. nutritionists)? If yes, please list.

(b) (4)

*All healthcare materials/products intended for use on the operation must be listed in Module 68: Health Care Materials List including vaccinations and synthetic medications. When determining the acceptability of a synthetic health care product, please refer to NOP Rule 205.603 – "Synthetic substances allowed for use in organic livestock production." Special attention should be taken of withdrawal periods. All Health Care materials and products must be approved by CDA prior to use.*

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**Livestock Organic System Plan**  
**MODULE 68: Health Care Materials**

[See Appendix 5: herd Health Materials](#)

**Health Care Materials**

**NOP Rule 205.238(b)** states that when preventative practices and veterinary biologics are inadequate to prevent sickness, a producer may administer synthetic medications: *Provided*, that, such medications are allowed under 205.603. Please note: parasiticides allowed under 205.603 may be used on dairy stock only with a minimum of 90 days prior to production of milk/milk products that are to be sold, labeled or represented as organic. And only allowed in breeder stock prior to the last third of gestation, but not during lactation for progeny that are to be sold, labeled or represented as organically produced. In the table below, please list all health care materials administered or planned to be administered to livestock in the event of sickness. Product labels and/or certificates need to be submitted for all materials

Product Name	Source/Supplier or Manufacturer	Reason for Use	Frequency/ Duration	Milk or Meat Withholding Period (205.603)	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

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**Livestock Organic System Plan**  
**MODULE 68: Health Care Materials List Cont'd**

Product Name	Source/Supplier or Manufacturer	Reason for Use	Frequency/ Duration	Milk or Meat Withholding Period (205.603)	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

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See OSP Section G: Livestock Living Conditions & Appendix 7: Organic Supplier List  
**Livestock Production – Organic System Plan**  
**MODULE 69: Living Conditions**

**Housing and Shelter** **Section 1**

Per NOP Rule 205.239, The producer of an organic livestock operation must establish and maintain year-round livestock living conditions which accommodate the health and natural behavior of animals. This includes, year-round access for all animals to the outdoors, shade, shelter, exercise areas, fresh air, clean water for drinking, and direct sunlight; suitable to the species, stage of life, climate and environment. Yards, feeding pads and feedlots may be used to provide ruminants with outdoor access during the non-grazing season and supplemental feeding during the grazing season provided that yards, feeding pads, and feed lots are large enough to allow all livestock occupying the space to feed simultaneously without crowding and without competition for food. Continuous total confinement indoors, or in yards, feeding pads or feed lots is prohibited. Maps of the operation should include the location of animal housing and shelter as well as yards, feeding pads, feedlots, etc.

1. In the table below please describe the types of housing and shelter available for livestock.

Shelter Type	Size (sq. ft.)	Production Group, Class or Age	Bedding or Flooring Type	# of Animals per Unit

2. Are agricultural products (hay, straw, hulls, stalks, etc.) used as bedding? (b) (4) Yes (b) (4) No  
 If agricultural products are used for bedding they must be from certified organic sources.

3. For any agricultural products used as bedding, list the supplier and the supplier's certifier below. (b) (4) N/A  
 See Appendix 7 Organic Supplier List and Certificates

Material	Source	Certifier

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MODULE 69: Living Conditions Cont'd

HOUSING AND SHELTER Cont'd

Section 1 Cont'd

4. How often is housing cleaned out?

See OSP Section G: Livestock Living Conditions

5. How is housing cleaned?

See OSP Section G: Livestock Living Conditions

6. Are any sanitation or cleaning products used in the cleaning of housing?

(b) (4) Yes

(b) (4) No

If yes, please list in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs

7. Are any fumigants or other pest control methods used in and around housing structures?

(b) (4) Yes

(b) (4) No

If yes, please list in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs

8. What sources of light are used in animal housing?

(b) (4)

9. Is day length regulated using artificial light?

(b) (4) Yes

(b) (4) No

If yes, please describe practices.

See OSP Section G: Livestock Living Conditions

10. Describe the locations of any treated wood that animals could come into contact with.

See Appendix 2: Organic Best Management Practices

OUTDOOR ACCESS

Section 2

1. What outdoor areas, other than pasture, do animals have access to?

(b) (4) N/A

See OSP Section G: Livestock Living Conditions

2. Are the areas listed above large enough such that all animals can feed simultaneously without crowding?

(b) (4) Yes

(b) (4) No

(b) (4) N/A

3. Within the outdoor areas listed above, do animals have access to shade?

(b) (4) Yes

(b) (4) No

(b) (4) N/A

4. Within the outdoor areas listed above, do animals have access to clean water for drinking?

(b) (4) Yes

(b) (4) No

(b) (4) N/A

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**MODULE 69: Living Conditions Cont'd**

**OUTDOOR ACCESS Cont'd** **Section 2 Cont'd**

5. Are outdoor areas well-drained and managed to prevent runoff of wastes?  Yes  No  N/A  
**(b) (4)**

6. How often is waste removed from outdoor areas?  N/A  
**(b) (4)**  
See OSP Section G: Livestock Living Conditions

7. At what age do animals have access to the outdoors?  
**(b) (4)**

8. For how many hours per day do animals have access to the outdoors (combine time on pasture with other outdoor areas)?  
If this is different depending on class or production group, please specify time outdoors by group.  
See OSP Section G: Livestock Living Conditions

9. Are animals subject to temporary confinement?  Yes  No  
**(b) (4)** **(b) (4)**  
If yes, please list the reason for and duration of temporary confinement below.  
See OSP Section G: Livestock Living Conditions

Reason for Confinement	Duration of Confinement

10. How are periods of confinement documented?  
See Appendix 8: Pasture Grazing Plan

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**Module 69 - Living Conditions Cont'd**

**MANURE MANAGEMENT**

**Section 3**

**NOP rule 205.239 requires manure be managed in a way to prevent runoff of wastes and contamination of crops, soil and water by nutrients, heavy metals or pathogenic organisms. Manure management should optimize the recycling of nutrients.**

1. What is the estimated quantity of manure generated per year at this operation?

See OSP Section G: Livestock Living Conditions

2. Describe how manure is collected, stored and used at this operation.

OSP Section G: Livestock Living Conditions  
Tab 7: Field Input History  
Appendix 4: Livestock Management

3. Describe, specifically, how manure management practices prevent runoff of wastes and contamination of crops, soil and water.

See OSP Section G: Livestock Living Conditions

4. Are any additives applied to manure (lime, inoculants, preservatives, microbial digesters)?  
If yes, please list them in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs.

(b) (4)

Yes

(b) (4)

No

5. If manure is composted, please describe the methods by which it is composted.

(b) (4)

N/A

See Appendix 4: livestock management

6. If manure is spread on fields at this operation, describe the practice, including the months applied and rate of application.

N/A

OSP Section G: Livestock Living Conditions

7. If manure is spread on fields at this operation, how many acres are available for manure application?

(b) (4)

N/A

(b) (4)

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**Livestock Production – Organic System Plan  
 MODULE 70: Milk Handling**

**MILK HANDLING** **Section 1**

**(b) (4)** Milking of dairy animals does not occur at this operation. Skip to Module 71.

**1. Flow diagrams or maps of the milk handling portion of the operation must be submitted and should reflect animals' movement from pasture or housing through any holding pens to the area where they are milked and their exit back to pasture or housing. The location of any relevant equipment and machinery used in the milking process as well as storage areas should be indicated.**

**2. Describe the milk handling system(s) used at this operation (tie stall, parlor, etc.).**  
 See OSP Section H: Livestock and Dairy Production Practices

**3. How is the operation licensed?**  
 Grade A     Grade B     Other  
**(b) (4)**

**4. How many times a day are animals milked and at what approximate times of the day?**  
 See OSP Section H: Livestock and Dairy Production Practices

**5. Is milk tested for somatic cell counts?**     Yes     No  
**(b) (4)**

**6. In the table below, report production rates and somatic cell counts for the last six days of milking.**  
 See OSP Section H: Livestock and Dairy Production Practices

Date	Total number of animals milked	Somatic Cell Count	Total pounds of milk produced

**7. Describe methods for cleaning milking equipment and storage tanks, including frequency.**  
 See Appendix 10: Master Sanitation Procedures

**8. Are cleaners, detergents, and sanitizers used to clean milking equipment and storage tanks?**     Yes     No  
 Please list these in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs.

**9. Are products used to clean animals prior to milking?**     Yes     No  
 Please list these in Module 68: Health Care Materials.

*\*If raw milk is processed (including pasteurization) into other products, a Process Handler OSP must be submitted.  
 \*If organic dairy cows are ever offered as organic slaughter stock, you must also complete Module 71: Transportation and Slaughter*

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**Livestock Production – Organic System Plan  
Module 71: Slaughter and Transportation**

**SLAUGHTER AND TRANSPORTATION**

(b) (4) No animals at this operation are requested for certification as slaughter stock. Skip to Module 72

*\*Please note, If animals are slaughtered on this operation, a Process Handler OSP must be submitted.*

1. Have all animals requested for organic slaughter stock been under organic management since the last third of gestation?

(b) (4) Yes (b) (4) No

2. Where are animals slaughtered?

(b) (4) Not slaughtered (b) (4) Slaughtered on-farm (b) (4) Slaughter/Processing facility  
(b) (4)

3 List the name, address and contact information of the facility that slaughters your livestock. (b) (4) N/A

4. Is the facility listed above certified organic? (b) (4) Yes (b) (4) No

List the certifier of the facility:

(b) (4)

5. Who is responsible for transporting or arranging for transportation of animals?

(b) (4) The seller/this operation (b) (4) The final buyer (b) (4) Third party

6. How are animals transported to the slaughter facility? In what type of vehicle?

(b) (4)

7. Are organic animals transported with nonorganic animals (b) (4) Yes (b) (4) No  
If yes, how are organic and nonorganic animals kept distinguishable?

If yes, how is it ensured that no prohibited materials or nonorganic feed are used for organic animals?

8. How long does transportation to the slaughter facility typically take?

(b) (4)

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**Module 71: Slaughter and Transportation Cont'd**

**SLAUGHTER AND TRANSPORT Cont'd**

9. Are animals provided with food during transport?  (b) Yes  (b) No

(b) (4)

10. Are animals provided with water during transport?  (b) Yes  (b) No

11. Describe how animal stress and injury are minimized during transport.

(b) (4)

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**Livestock Production – Organic System Plan  
Module 72: Marketing and Recordkeeping**

**MARKETING**

**Section 1**

1. How are livestock products sold? Check all that apply

- In retail packaging
- Bulk/wholesale to processor
- As live animals
- CSA/Subscription
- On farm retail
- Other, Specify: Internal Transfers

2. Is the USDA organic seal used on livestock product packaging?  Yes  No

3. Is the Colorado Department of Agriculture identified as the organic certifier of the product on product packaging?  Yes  No

4. Is the Colorado Organic logo/seal used on product packaging?  Yes  No

*\*Please submit examples/copies of any labels applied to product packaging*

**RECORDKEEPING**

**Section 2**

The NOP Rule requires that records disclose all activities and transactions of the operation, be maintained for at least 5 years and demonstrate compliance with the Rule. Organic products must be able to be traced back to the location where they were produced. All records must be available to view and/or copy.

1. What types of records are kept for organic livestock production? Check all that apply.

- Documentation of purchased animals
- Animal ID lists
- Cull and/or death records
- Breeding records
- Pasture Access
- Periods of animal confinement
- Purchased feed, including organic certificates
- Feed supplements
- Feed rations
- Feed labels
- Feed storage
- Animal health
- Medical treatments
- Somatic cell/plate counts
- Milk production
- Slaughter records
- Sales
- Shipping and transportation
- Product quality test results

2. Are records maintained for at least 5 years?  Yes  No  
If no, please explain.

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Please see Tab 5 OSP Section A Overview & Tab 7 Field Input History

**MODULE 3: FIELDS AND ELIGIBILITY**

**FIELDS AND ELIGIBILITY**

Please complete or review the following information about this operation. Include all land including conventional, transitional, and organic fields. The NOP Rule requires that to be eligible for certification, a site producing crops intended to be sold, labeled or represented as organic must have had no prohibited substances applied for at least 36 months preceding harvest of the crop. Transitional means that a field is being managed in accordance with the organic standards, but has not yet met the standard for 36 months without use of a prohibited product. **If a field being used for organic production has not been managed by the operator for 3 or more years, a Previous Land Use Affidavit from the previous land manager must be attached.** The Field Identifications and acreages must be the same as what is listed on maps and the Crop and Input Information section. For new fields, please be sure to complete the column "New to operation...?"

Field ID/name/ number	Address/legal description (if different from main operation address)	List acreage and whether Organic, Transitional, Conventional			Rent or Own	Date management began	Last date prohibited substance applied & material	Date eligible for organic (CDA to enter)	New to Operation since last OSP update? (Yes or No)	*Operator - note change, addition or deletion. Date and initial in parenthesis.
		O	T	C						
<b>Total this page</b>		0	0	0						

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**MODULE 3: FIELDS AND ELIGIBILITY, Cont'd**

Field ID/name/ number	Address/legal description (if different from main operation address)	List acreage and whether Organic, Transitional, Conventional			Rent or Own	Date management began	Last date prohibited substance applied & material	Date eligible for organic (CDA to enter)	New to Operation since last OSP update? (Yes or No)	*Operator - note change, addition or deletion. Date and initial in parenthesis.
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Please see Tab 5 OSP Section K Crop Management & Tab 7 Field Input History

**MODULE 4: FIELD HISTORY-CROPS AND INPUTS**

**FIELD HISTORY – CROPS AND INPUTS**

The planned information for each field, as well as each hoop house where crops are grown in the ground, must be filled in each year. For fields not previously included in the OSP, one of the following must be provided: 1) A Prior Land Use Affidavit from the previous land manager, 2) three years of previous field history, 3) the last date a prohibited substance was applied. Include all ORGANIC (O) AND TRANSITIONAL (T) fields (it is not necessary to list conventional fields unless they have begun transition to organic) under the care and control of the operation. Transitional means that a field is being managed in accordance with the organic standards, but has not yet met the standard for 36 months without use of a prohibited product. The Field ID and acreage should correspond with what is listed on maps and the "Fields and Eligibility" module.

FIELD ID:		ACRES:				
Year	O, T or C	Fertility Inputs	Pest & Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

FIELD ID:		ACRES:				
Year	O, T or C	Fertility Inputs	Pest & Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

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**FIELD HISTORY – CROPS AND INPUTS CONT'D**

**Module 4**

FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						
FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						
FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

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Please see Tab 5 OSP Section L Crop & Feed Production & Protection

**MODULE 5: BUFFERS AND ADJOINING LAND USE**

& Tab 6 Maps & Diagrams

**BUFFERS AND ADJOINING LAND USE**

**ADJOINING LAND USE:** The NOP Rule requires organic production areas to have distinct boundaries and buffer zones to prevent the unintended application of a prohibited substance or contact with a prohibited substance (including cross pollination from GMO crops) applied to adjoining land not under organic management. Adjoining land includes cropland, pasture, residential property, fallow land, etc. Though the NOP does not specify a minimum buffer size requirement, it is required that the buffer must be sufficient in size or other features to prevent unintended contact by prohibited substances. If the buffer consists of crops, these crops must be left unharvested or if harvested, must be harvested and sold (represented) as NON-organic. Field maps must indicate buffer zones (widths and make-up: road, field road, trees, etc.) and show all adjoining land uses (organic cropland, conventional cropland, un-sprayed fallow or pasture, residential, etc.).

List Specific buffers for all organic and transitional fields. Multiple fields/field IDs can be listed in one row, if those fields are contiguous within a block. If individual fields are all organic and contiguous, list the Field ID as "entire farm" and enter buffer information.

Field ID(s)		Type of Buffer	Width of Buffer	Adjoining Land Use (include whether conventional, organic or untreated)
	North			
	South			
	East			
	West			
	North			
	South			
	East			
	West			
	North			
	South			
	East			
	West			
	North			
	South			
	East			
	West			

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**BUFFERS AND ADJOINING LAND USE Cont'd**

**Module 5 Cont'd**

**1. What safeguards are used to prevent accidental contamination of organic crops/cropland?**

a. Written notification to:

- (b) Highway Departments      (b) Electric Companies      (b) Oil and Gas Companies
- (4) Aerial Spray Companies      (4) Adjoining Landowners/Neighbors      (4)
- (4) Farm Service Offices      Other, please specify:

b. Other safeguards:

- (b) Posting signs regarding organic status      (b) Registration with DriftWatch (<https://driftwatch.org/>)
- (4) Delayed Planting (GMO contamination)      (4) Ongoing monitoring of neighboring management practices
- (4) Other, please specify:

**2. How do you monitor for crop contamination?**

- (b) Visual Observation      (b) Residue Analysis      (b) GMO Testing
- (4) Photographs      (4) Wind Speed/Direction      (4) Other (Specify):

**3. How often do you monitor for crop contamination?**

- (b) Weekly      (b) Monthly      (b) Annually
- (4) As needed      (4) Other (Specify): See Tab 3 OSP Section K Crop Management

**4. Are crops harvested from buffer zones?**

- (b) Yes      (b) No
- (4)

If yes, how are these crops managed to prevent commingling or contamination during harvest and post-harvest?

See Tab 3 OSP Section K Crop Management

**NOP Rule 205.206(f) states that lumber treated with arsenate or other prohibited substances may not be used for new installations or replacement purposes where it comes in contact with soil or crops.**

**5. Has any lumber been used that has been treated with arsenate or other prohibited substances?**

- (b) Yes      (b) No
- (4)

If yes, please describe what type of structure(s) (greenhouses, fence posts, other building or construction), where the installation is on the farm, how far between the installation and where organic crops are grown, and if any measures have been taken to prevent direct or indirect contact of the treated wood with the soil:

(b) (4)

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**MODULE 6: GREENHOUSES AND HOOP HOUSES/HIGH TUNNELS**

**GREENHOUSES AND HOOP HOUSES/HIGH TUNNELS**

For the purposes of this application, the terms hoop house and high tunnel are considered to have equal meanings and describe structures at least 6 feet high that are generally unheated and have no electrical climate controls. Typically, crops are grown in the ground in hoop houses. Conversely, the term greenhouse normally describes a heated structure where crops are grown on benches or tables. However, it is recognized that these terms exist on a continuum. Please note, lumber treated with arsenate or other prohibited substances may not be used for *new installations or replacement purposes* where it comes in contact with soil or crops.

**(b) (4)** No greenhouses or hoop houses used for this operation. Skip to Module 7 – Seeds, Seedlings, and Planting Stock

1. Are seedlings grown on-farm? **(b) (4)** Yes **(b) (4)** No
2. Are seedlings used only on-farm, sold, or both? **(b) (4)** On farm use only **(b) (4)** For sale only **(b) (4)** Seedlings are grown for both on-farm use and sale
3. Are any crops produced in the ground in hoop houses/greenhouses? **(b) (4)** Yes **(b) (4)** No

Please complete the following information for each structure:

ID/Name	Organic, Conventional, Both	Dimension & size (sf)	Heated?	Crops grown in ground?	Seedlings grown?	Treated wood?	Description of structure - location of treated wood, venting, roll up sides, structural materials, doors, etc. heating source, etc.	Operator indicate changes and date

**\*Please include greenhouses/hoop houses on any field maps that have been submitted and identify them with the same name or number listed on the table above. If houses do not fall within any of these maps, provide separate maps locating the houses on the farm property.**

**\*List all fertility inputs used in greenhouses and hoop houses, including soil/seed starting/potting mixes, on the "Soil and Fertility Materials and Inputs" Section. Also list all pest, weed or disease products in that section and note they are used in houses.**

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**GREENHOUSES AND HOOP HOUSES Cont'd** **Module 6 cont'd**

4. Are any inputs applied through greenhouse or hoop house watering systems? (b) (4) Yes (b) (4) No  
If yes, please list all inputs in Module 10 (Fertility Inputs) or Module 12 – Weed, Pest, and Disease Inputs:

5. Is chlorine used to clean the watering system? (b) (4) Yes (b) (4) No

(b) (4)

6. Are non-organic (conventional) plants grown in or near any of the greenhouses/hoop houses? (b) (4) Yes (b) (4) No  
If yes, please answer the following questions:

a. How are organic and non-organic growing areas identified?

b. How is commingling of organic and non-organic soil mixes prevented during:

Mixing -

Planting -

Storage -

c. How are organic and non-organic plants identified or differentiated?

d. How are seedling containers and equipment cleaned?

e. How is drift or contamination from prohibited materials prevented:

Within the house -

Through ventilation systems -

Through watering systems -

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**MODULE 7: SEEDS, SEEDLINGS, PLANTING STOCK**

**(b) (4)** No Seeds, Seedlings or Planting Stock used this year. Skip to Module 8 – Non-Organic Production

**Information on crop seeds and planting stock must be submitted each year. Include cover crop seed and seed used for orchard understory plantings.** The NOP Rule requires the use of certified organic seeds, unless the variety is not commercially available, except that, organically produced seed must be used for the production of edible sprouts. Cost is not an acceptable reason for exemption. Synthetic seed treatments are prohibited unless included on the National List. Genetically engineered (GMO) seeds, planting stock, and inoculants are prohibited in organic production. **If a given crop is available in GMO form (alfalfa; apple – green, Granny Smith types & Golden Delicious types; canola; corn; potato – russet types; soybean; summer squash; sugar beets), you must provide non-GMO documentation from the supplier.**

Are any crops grown on contract, such that seeds or planting stock are selected or provided by the buyer?

**(b) (4)** Yes      **(b) (4)** No

**SECTION 1 - SEEDS**

1. Is seed harvested and saved to use as seed stock for following years?      **(b) (4)** Yes      **(b) (4)** No

a. If yes, how is seed quality maintained?

b. Where is seed being cleaned (or other “processing”) and stored?

2. Describe any efforts to trial certified organic varieties to potentially replace conventional varieties:

Please see Tab 5 OSP Section K Crop Management & Tab 7 Seeds

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See Appendix 9 Crop Management

**SECTION 1 - SEEDS Cont'd**

**Module 7, Cont'd**

**List All Seeds used in organic production**

For each seed variety that is not certified organic, an attempt to find organic seed of that type must be made by contacting a minimum of three organic seed suppliers. You may submit your own list of seeds, rather than entering them here, but it must contain all the required information from the table below.

Crop	Variety	Source	Type of Treatment (inoculents, pelleting, etc)	Certified Organic?	If not certified organic - reason for Exemption and explain	If not certified organic - Suppliers Contacted and date contacted
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	

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**SECTION 2 - SEEDLINGS AND PERENNIAL STOCK** **Module 7, Cont'd**

**(b) (4)** No Seedlings or Perennial Stock Purchased This Year. No Grafting. Skip to Module 8

**This section must be filled out each year if seedlings or perennial stock are purchased.** If you propagate your own seedlings and/or perennial stock please see Module 6. Annual seedlings must be organically produced. Non-organic perennial plants (and planting stock) must be managed organically for at least one year prior to harvest of crop or sale of the plant as certified organic. Organic planting stock must be used if commercially available. Organic certificates of suppliers should be available.

Crop	Variety	Supplier	Organic? Certified by whom?	Date purchased	If not organic, date crop becomes eligible for certification

**SECTION 3 - GRAFTING**

Have you, or do you plan to, graft any perennial crops this year? **(b) (4)** Yes **(b) (4)** No

If yes, please fill out the following table. If grafting stock or scionwood was purchased, the supplier information in the "Grafting Materials" column.

Crop	Variety	Location/Field	Grafting Materials	Date Planted	Expected Harvest Date

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Company Name: \_\_\_\_\_





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**MODULE 8: SPLIT and PARALLEL PRODUCTION**

**CONVENTIONAL , PARALLEL AND SPLIT PRODUCTION**

If the operation produces both organic and NON-organic crops, then the operation is considered a “split” operation. If the same exact crops are grown as organic and NON-organic such that the crops are not visually distinguishable, then the operation is considered to have “parallel” production.

This operation is 100% organic. No non-organic production occurs (other than harvesting of buffers on an otherwise 100% organic operation). Skip to Module 9 – Fertility Management

1. Does the operation produce both organic and conventional crops?  Yes  No
2. Does the operation produce the same crop in organic and conventional form?  Yes  No
3. What crops are produced non-organically?
4. What crops are produced in both non-organic and organic form?
5. Are any GMO varieties produced for the non-organic part of the operation?  Yes  No  
If yes, please list:
6. How are crops in parallel production distinguished during harvest and post-harvest?
7. List inputs (fertilizers, pesticides, fungicides, herbicides) used in non-organic production:
8. Where are non-organic inputs stored and how are they kept separate from organic-approved inputs?
9. Are employees made aware of the difference between organic-approved and non-organic inputs?  
 Yes  No

Please explain:

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Crop OSP Module 8 NonOrganic Production

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**MODULE 9: FERTILITY MANAGEMENT**

**FERTILITY MANAGEMENT**

The NOP Rule requires active management to build soil fertility, manage plant nutrients, protect natural resources, and prevent soil erosion through; rotation of crops, cover cropping, and applications of plant and animal materials. These applications must be managed in such a way that they do not contribute to contamination of crops, soil or water from pathogens, heavy metals, nutrients, or prohibited substances. The operator must conduct cultivation and tillage practices in a way that minimizes soil erosion and maintains or improves the condition of the soil including physical, chemical and biological properties. The application of sewage sludge is prohibited in organic agriculture.

**1. What are the soil types of this operation?**

(b) (4)

**2. What are the nutrient deficiencies?**

See Tab 9: Soil Sample Report

**3. What are the major components of the soil and/or crop fertility plan?**

(b) (4) Crop rotation	(b) (4) Soil amendments	(b) (4) Foliar fertilizers	(b) (4) Compost
(b) (4) Manure	(b) (4) Cover crops	(b) (4) Undersowing	(b) (4) Soil inoculants
(b) (4) Fallowing	(b) (4) Conservation tillage	(b) (4) Biodynamic inputs	
(b) (4) Incorporation of crop residue	Other (specify): See Tab 5 OSP Section J Soil/Crop Fertility		

**4. Describe any crop rotation practices. If cover crops are used, describe type and frequency. If production is predominantly perennial, include information on any cover crops, diversified planting, orchard understory plantings etc.**

See Tab 5 OSP Section K Crop Management

**5. Are crop residues burned?** (b) (4) Yes (b) (4) No  
If yes, please describe what materials are burned and why.

**6. Are liquid fertilizers with a nitrogen concentration greater than 3% used?** (b) (4) Yes (b) (4) No  
If yes, please submit documentation.

*(As of 2015, the CDA will not approve any liquid fertilizer with Nitrogen greater than 3% unless it is approved by OMRI or WSDA.)*

**7. How is the effectiveness of the fertility management program monitored?**

(b) (4) Soil testing	(b) (4) Microbiological testing	(b) (4) Tissue testing
(b) (4) Observation of crop health	(b) (4) Comparison of crop yields	(b) (4) Crop quality testing
(b) (4) Observation of soil health	Other (Specify): (b) (4)	

**8. How often is fertility monitoring conducted?**

(b) (4) Weekly (b) (4) Monthly (b) (4) Annually (b) (4) As needed (b) (4) Other (Specify):

**9. Rate the effectiveness of the fertility management program**

(b) (4) Excellent (b) (4) Satisfactory (b) (4) Needs improvement

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**COMPOST – SECTION 2**

**Module 9, Cont'd**

**(b) (4)** Compost not used this year – Skip to Section 3, Manure

**\*This section must be completed each year if compost is purchased or produced on-farm.** NOP Rule 205.203(c)(2) requires that when compost contains animal materials, composting processes must include an initial C:N ratio of between 25:1 and 40:1 and maintain temperatures between 131 and 170 degrees, depending on the method. If you produce compost on-farm, production records must be kept to verify compliance with the above. If compost is purchased, this information must be obtained from the supplier. If records are not kept or do not document compliance, it will be considered raw manure and must meet the pre-harvest interval when used on products for human consumption according to 205.203(c)(1).

1. Was compost purchased? **(b) (4)** Yes **(b) (4)** No

If compost was purchased, attach documentation from the supplier stating the requirements of NOP Rule 205.203(c)(2) have been met and include it on the Soil and Fertility Materials and Inputs list (Section 9).

2. Was/Is compost produced on farm? **(b) (4)** Yes **(b) (4)** No

If yes, what are the raw ingredients used and what is the price of each?

**(b) (4)** See OSP Section J "Soil/Crop Fertility"

3. What is the composting method?

**(b) (4)** Windrows or aerated pile. Must reach 131-170 degrees for at least 15 days and be turned at least 5 times.

**(b) (4)** In-vessel or static system. Must be aerated and reach 131–170 degrees for at least 3 days.

Information on the following will be verified at inspection:

- The initial C:N Ratio
- The final temperature reached
- How long this temperature is maintained
- If compost is windrowed, how many times the materials are turned

**PELLETED/PROCESSED MANURE**

**(b) (4)** Pelleted or processed manure not used this year

Processed or pelleted manure may be used as a fertility input without a specific interval between application and harvest as long as it is treated so that all portions of the product, without causing combustion, reach a minimum temperature of either 150° F (66° C) for at least one hour or 165° F (74° C), and are dried to a maximum moisture level of 12%; or an equivalent heating and drying process could be used. In determining the acceptability of an equivalent process, processed manure products should not contain more than 1x10<sup>3</sup> (1,000) MPN (Most Probable Number) fecal coliform per gram of processed manure sampled and not contain more than 3 MPN Salmonella per 4-gram sample of processed manure.

If you are applying pelleted or processed manure this year:

1. How do you confirm that the product meets the heat processing requirements described above?

**\*Any pelleted or processed manure products must be listed in the Soil and Fertility Materials and Inputs List (Module 10).**

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**MANURE – SECTION 3** **Module 9, Cont'd**

**MANURE**

**Animal manures must be composted unless: they are applied to land used for a crop not intended for human consumption; OR incorporated into the soil not less than 120 days prior to the harvest of a product whose edible portion has direct contact with the soil surface or soil surface particles; OR incorporated into the soil not less than 90 days prior to the harvest of a product whose edible portion does not have direct contact with the soil surface or soil particles.**

**(b) (4) No raw or unprocessed manures used this year – Skip to Module 10, Soil & Fertility Input List**

**1. What is the source of manure applied this year?**  
 See Tab 5 OSP Section J Soil/Crop Fertility & Appendix 9 Crop Management Inputs & Amendment Materials List

**2. How do you ensure that manure does not contaminate wells, rivers, streams, lakes, or ponds?**  
 See Tab 5 OSP Section J Soil/Crop Fertility

**3. What types of crops are grown on fields to which manure is applied?**  
 (b) Crops not used for human consumption  
 (4) Crops for human consumption whose edible portion HAS direct contact with the soil or soil particles.  
 Crops for human consumption whose edible portion DOES NOT have contact with the soil or soil particles

**If you grow crops for human consumption and use un-composted manure, complete the following table. Include manure deposited by grazing livestock. N/A**

Field Number/ID	Crop(s)	Date manure is incorporated	Expected Harvest Date

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See Tab 7 Field Input History  
 Appendix 9 Crop Management Inputs  
 & Amendments List

**MODULE 10: SOIL AND FERTILITY INPUTS**

**SOIL AND FERTILITY INPUTS**

**No Soil or Fertility Inputs used. Skip to Section 11 – Weed, Pest and Disease Management**

List all fertility inputs intended for use on proposed organic fields including compost and manure. Fertility inputs must also be listed on Field History sheets. Please note, many micro-nutrient products (boron, copper, iron, magnesium, manganese, zinc) require a documented deficiency for their use. Please submit soil or plant tissue test results or other documentation for approval. Product labels and/or OMRI/WSDA certificates for all inputs must be on file. If you have previously submitted labels, you do not need to resubmit them. If you have discontinued use of a product and don't intend to use it again, write "no longer in use" and the date in parentheses.

Product	Manufacturer	Number of Applications Annually	Use & How Applied	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

\*NOP Rule References (CDA to enter) -

Operator Review, Initial and Date: \_\_\_\_\_ Inspector Review, Initial and Date: \_\_\_\_\_

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**MODULE 10: SOIL AND FERTILITY INPUTS, Cont'd**

Product	Manufacturer	Number of Applications Annually	Use & How Applied	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)
*NOP Rule References (CDA to enter) -						

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**MODULE 11: WEED, PEST and DISEASE MANAGEMENT**

**WEED, PEST AND DISEASE MANAGEMENT**

The NOP requires crop rotation plans that maximize soil organic matter and prevent weed, pest and disease problems. Producers must utilize sanitation measures to remove disease vectors, weed seeds and habitat for pests. Cultural practices must be used to enhance crop health. Approved synthetic materials listed on the National List 205.601 may only be used when management practices are insufficient to prevent or control problems. **All weed, pest and disease inputs must be approved. A "restricted" input has specific annotations for its use. If a restricted input is used, evidence of how the annotation is addressed must be provided. Please include all weed, pest and disease products in Module 12 - "Weed, Pest, and Disease Control Inputs" list.**

**SECTION 1 - WEEDS**

1. What are the weed problems (types) for this operation?

(b) (4)

2. How often is weed monitoring conducted?

(b) (4) Weekly (b) (4) Monthly (b) (4) Annually (b) (4) As needed (b) (4) Other (Specify):

3. What weed control methods are used? Check all that apply:

(b) (4) Mechanical cultivation (b) (4) Hand weeding (b) (4) Flame weeding  
(b) (4) Crop rotation (b) (4) Smother/cover crops (b) (4) Sanitation/cleaning of tools & equipment  
(b) (4) Soil solarization (b) (4) Approved herbicides (b) (4) Stale seedbed preparation  
(b) (4) Mulching, specify type: (b) (4) Timing of planting (b) (4) Prevention of weed seed set  
(b) (4) Weed seed screens on irrigation inlets (b) (4) Other (specify): mowing, grazing, tillage

4. Please describe in further detail the selections made above:

See Tab 5 OSP K Crop Management

5. Are records kept of how often these weed control methods are utilized?

(b) (4) Yes (b) (4) No

6. How is the effectiveness of the weed management program monitored?

(b) (4) Observation of weed types (b) (4) Observations of crop health (b) (4) Comparison of crop yields  
(b) (4) Records of weed counts (b) (4) Other (Specify):

7. Are plastic or synthetic mulches used to control weeds?

(b) (4) Yes (b) (4) No

If yes, please note: per NOP Rule 205.206 plastic mulches, including mulches that are composites of paper and synthetic resins, polymers, or other nonrecycled or nonbiodegradable components, must be removed at the end of the season unless applied to perennial crops, in which case the mulch must be removed before the plastic decomposes or breaks into pieces.

8. Rate the effectiveness of the weed management program:

(b) (4) Excellent (b) (4) Satisfactory (b) (4) Needs improvement

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**1. What are the pest problems for this operation?**  
(b) (4)

**2. How often is pest monitoring conducted?**  
 Weekly    (b) (4) Monthly    (b) (4) Annually    (b) (4) As needed    (b) (4) Other (Specify):

**3. What strategies are utilized to prevent and control pest damage to field crops?**  
(b) (4) Crop rotation    (b) (4) Timing of planting    (b) (4) Selection of resistant crop varieties    (b) (4) Physical removal  
(b) (4) Physical barriers    (b) (4) Traps    (b) (4) Repellents    (b) (4) Natural enemy habitat  
(b) (4) Trap crops    (b) (4) Companion planting    (b) (4) Lures    (b) (4) Approved pesticides  
(b) (4) Release of beneficial organisms    (b) (4) Other (specify): (b) (4) See Appendix 10 Master Sanitation

**4. Please describe in further detail the selections made above:**  
See Tab 5 OSP Section K Crop Management

**5. Is a record kept of how often these pest control methods are utilized?**    (b) (4) Yes    (b) (4) No

**6. How is the effectiveness of the pest management program monitored?**  
(b) (4) Insect monitoring with traps    (b) (4) Observation of crop health or quality    (b) (4) Comparison of crop yield  
(b) (4) Crop quality testing    (b) (4) Monitoring records kept    (b) (4) Other (Specify):

**7. Rate the effectiveness of the pest management program:**    (b) (4) Excellent    (b) (4) Satisfactory    (b) (4) Needs improvement

**8. Is a pest control advisor used? If yes, provide name:**  
(b) (4)

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**SECTION 3 - DISEASES**

**Module 11, Cont'd**

**1. What are the disease problems of this operation?**

See Tab 5 Section K Crop Management

**2. How often is disease monitoring conducted?**

(b) Weekly (b) Monthly (b) Annually (b) As needed (b) Other (Specify):  
(4) (4) (4) (4) (4)

**3. What disease prevention strategies and control methods are used?**

(b) Selection of resistant varieties (b) Crop and soil health (b) Soil solarization (b) Seed treatments  
(4) Plant spacing/Promotion of airflow (4) Compost teas (4) Irrigation management (4) Crop rotation  
Selection of resistant varieties Timing of planting Sanitation practices  
Use of organic-approved inputs Other (Specify): See Tab 5 OSP Section K Crop Management

**4. Please describe in further detail the selections made above:**

See Tab 5 OSP Section K Crop Management

**5. How is the effectiveness of the disease management program monitored?**

(b) Observation of crop health (b) Comparison of crop yields (b) Observation of soil (b) Soil testing  
(4) Microbiological testing (4) Tissue Testing (4) Observation of crop quality (4)  
Monitoring records kept  
Other (specify): Forage Testing

**6. Rate the effectiveness of the disease management program:**

(b) Excellent (b) Satisfactory (b) Needs improvement  
(4) (4) (4)

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See Tab 7 Field Input History & Appendix 9 Crop Management Inputs and Amendments list

**MODULE 12: WEED, PEST and DISEASE INPUTS**

**WEED, PEST AND DISEASE INPUTS**

**CONTROL PRODUCTS**

**(b) (7) No Weed, Pest, or Disease Control Products Used. Skip to Module 13 - Irrigation**

List all weed, pest and disease products that are intended for use on proposed organic fields/crops. If you have discontinued use of a product and are unlikely to use it again, please cross out the entry. Labels and/or OMRI/WSDA certificates (if applicable) for each product need to be on file with CDA. If you have received approval for a product and have submitted a product label, you do not need to resubmit the label each year. If a product is not listed with OMRI or WSDA, CDA will need a complete ingredients list and processing methods from the manufacturer to determine whether it complies with NOP Subpart G – Allowed and Prohibited Substances.

Control Product	Manufacturer	Weed, Pest, or Disease problem being addressed (specific)	Preventative Mechanical and Physical Control Strategies	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

\*NOP Rule References (CDA to enter) -

Operator Review, Initial and Date:

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**MODULE 12: WEED, PEST and DISEASE INPUTS, Cont'd**

Control Product	Manufacturer	Weed, Pest, or Disease problem being addressed (specific)	Preventative Mechanical and Physical Control Strategies	OMRI/ WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)
*NOP Rule References (CDA to enter) -						

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**MODULE 13: IRRIGATION**

**IRRIGATION**

(b) (4) Water not used for irrigation. Skip to Module 14 – Natural Resources and Biodiversity

1. List the types of irrigation systems (flood, drip, overhead, center pivot, etc.) employed on this operation:

See Tab 5 OSP Section J Soil/Crop Fertility

2. What is the source(s) of water used on this operation for irrigation?

See Tab 10 Water District Report

3. What is the name of the municipal and/or irrigation district, if applicable?

North Weld County Water District

4. List known contaminants in water supplies in your area:

See Tab 10 Water District Report

5. How are the water contamination problems listed above minimized?

See Tab 10 Water District Report

6. Please describe how and how often water quality is monitored?

See Tab 10 Water District Report

7. Are any input products applied through irrigation systems?

(b) (4) Yes

(b) (4) No

If yes, please provide details:

(b) (4)

8. What, if any, products are used to clean irrigation systems?

Please list the product and provide rates of use:

(b) (4)

9. Are any irrigation systems shared with other users?

(b) (4) es

(b) (4) No

a. If irrigation systems are shared with another user or if your operation also consists of conventional crop production, how do you ensure there is no contamination of organic crops in terms of the irrigation system?

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**MODULE 14: NATURAL RESOURCES and BIODIVERSITY**

**NATURAL RESOURCES AND BIODIVERSITY**

The conservation of natural resources and biodiversity is a primary tenet of organic production. NOP Rules 205.200 and 205.203(a) require that production practices maintain or improve the natural resources of the operation, including soil, water, wetlands, woodlands, grasslands and wildlife. Practices must minimize erosion. Irrigation water should not contaminate organic crops or soils with prohibited materials. Methods to conserve water should be part of the irrigation plan.

1. **What features does this operation contain? Check all that apply.**  
(b) Forest or Woodland (b) Grassland (b) Shrub Land (b) Riparian or Wetland Areas  
(4) Other, please specify:

2. **What features does this operation border (not owned or managed by this operation)?**  
(b) Forest or Woodland (b) Grassland (b) Shrub Land (b) Riparian or Wetland Areas  
(4) Other, please specify:

3. **In general, what conservation practices are in use? Check all that apply.**

(b) Terracing	(b) Maintaining or improving field borders with natural vegetation
(4) Contour farming	(4) Grassed waterways
Under sowing/inter planting	Crop selection for site specific/regional conditions
Winter cover crops	Conservation Easements or CRP
Cover crops/green Manure	Improving or maintaining riparian or wetland buffers
Conservation tillage	Maintaining or improving wildlife habitat
No till	Wildlife friendly fence installations
Maintaining crop residue	Woodlot management
Reducing bare fallow	Controlling invasive species
Windbreaks	Other (specify): See Tab 5 OSP Section A "High Plains Overview"

4. **Please describe, in further detail, any boxes checked from above:**  
See Tab 5 OSP Section J Soil/Crop Fertility

5. **Describe any practices in place to maintain native plant and pollinator populations:**  
See Tab 5 OSP Section J Soil/Crop Fertility

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**NATURAL RESOURCES AND BIODIVERSITY**

**Module 14 Cont'd**

6. Does the operation participate in any NRCS (Natural Resources Conservation Service) or EQUIP (Environmental Quality Incentives Program) activities or work with an NRCS advisor?

(b) Yes (b) No  
(4) (4)

If yes, please describe:

(b) (4)

7. Are there any areas of the operation that have evidence of soil erosion?

(b) Yes (b) No  
(4) (4)

If yes, please describe:

(b) (4)

8. What practices are being used to minimize the soil erosion problems listed above?

See Tab 5 OSP Section I Crop Farm Plan

9. What practices are used to protect *water quality*?

See Tab 5 OSP Section J Soil/Crop Fertility

10. What *water conservation* practices are used on this operation?

See Tab 5 OSP Section J Soil/Crop Fertility

11. Describe how manure and compost are managed to protect crops, soil, and water from contamination by excess nutrients, heavy metals or pathogenic organisms:

See Tab 5 OSP Section J Soil/Crop Fertility

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**MODULE 15: EQUIPMENT, TRANSPORTATION AND STORAGE**

**SECTION 1 - EQUIPMENT AND TOOLS**

To prevent commingling and contamination, all equipment used in organic crop production must be free of non-organic crop material (including residues of) and prohibited materials. Contamination includes that from oil, fuel and hydraulic fluids. Equipment used for both organic and non-organic farming must be cleaned prior to use on organic fields and crops. Records of equipment cleaning, including cleaning by an outside business, must be available during your inspection.

1. Is any equipment owned by the operation loaned out or otherwise used on land not controlled by the operation?  Yes  No  
(b) (4) Yes (b) (4) No

If yes to the above, please explain:  
(b) (4)

2. Is any equipment used by the operation used on both organic and non-organic fields?  Yes  No  
(b) (4) Yes (b) (4) No  
If yes, please list all equipment used on both organic and non-organic fields:  
See Tab 5 Section L Crop & feed Production and Protection

3. Describe the use of any custom operators/custom equipment that occurs on this operation. Include what type of equipment, which crops, for what purpose (input application, harvest, soil preparation, etc.):  
See Tab 5 Section L Crop & feed Production and Protection

4. List names of any custom operators used by this operation:  
See Tab 5 Section L Crop & feed Production and Protection

5. How is equipment cleaned before use on organic fields (if different for different pieces of equipment, please list all)?  
See Tab 5 Section L Crop & feed Production and Protection

6. Are any products used to clean or sanitize equipment or tools?  Yes  No  
(b) (4) Yes (b) (4) No  
If yes, please list the product and the rate used:  
(b) (4)

7. Is cleaning documentation maintained?  Yes  No  
(b) (4) Yes (b) (4) No  
If yes, please describe:  
See Tab 5 Section L Crop & feed Production and Protection

8. Is equipment maintained so that fuel, oil, and hydraulic fluid do not leak?  Yes  No  
(b) (4) Yes (b) (4) No

9. Could any of the equipment used on the operation be contaminated by previous uses?  Yes  No  
(b) (4) Yes (b) (4) No  
If yes, please describe:

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Crop OSP Module 15 Equipment.Transportation.Storage

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Revision A





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**SECTION 2 - STORAGE AND TRANSPORTATION**

**Module 15, Cont'd**

**Commingling and contamination of organic products must be prevented during storage and transport. Storage records and clean truck affidavits must be maintained if applicable.**

1. **Who is responsible for transporting the final product(s)?**  
 Self/Operation     Buyer     Third Party     Other (specify):     Not applicable
2. **Who is responsible for arranging the final transportation of organic products?**  
 Self/Operation     Buyer     Third Party     Other (specify):     Not applicable
3. **When do organic crops leave the operation's custody?**  
 At the point of sale     After delivery to the buyer, transported by this operation  
 After delivery to the buyer, transported by third party     Other (Specify):
4. **What practices are used to protect the integrity of organic crops during transport?**  
 Use of clean truck/transport affidavits     Dedicated organic transport     Cleaning transport units prior to loading  
 Inspecting transport prior to loading     Letter or contract with transport agency stating organic requirements  
 Other (Specify):
5. **Describe how crops are stored at this operation (where, length of time, climate control, etc.):**  
 See Tab 5 Section L Crop & feed Production and Protection
6. **Are the same storage areas used for organic and non-organic crops?**  Yes     No  
 If yes, how are crops segregated and identified?
7. **Are any inputs used to control rodents, insect pests, and or diseases in storage areas?**  Yes     No  
 Please list any materials in Module 17 - Post-Harvest Materials
8. **Are any inputs used to clean and/or sanitize storage areas?**  Yes     No  
 Please list any inputs/materials in Module 17 - Post Harvest Material
9. **Is off-site storage utilized?**  Yes     No  
 If yes, is off-site storage controlled exclusively by this operation?  Yes     No  
 If yes, is the off-site storage facility certified organic?  Yes     No

**In the table below, describe storage locations or structures including off-site storage:**  
 See Tab 5 Section L Crop & feed Production and Protection

Storage Name/ID	Type	Capacity	On Site or address for Off-Site	Dedicated Organic?

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

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**MODULE 16: HARVEST, POST-HARVEST HANDLING AND PACKAGING**

**SECTION 1 - HARVESTING**

**(b) (4)** No harvesting occurs – all land is fallow or maintained solely for grazing. Skip to Module 17

NOP rule 205.272(b)(1)(2) requires that containers, bins and packaging materials must not contain synthetic fungicides, preservatives, or fumigants. All reusable containers must be thoroughly cleaned and pose no risk of contamination to organic crops prior to use. If crops are harvested through custom harvesters, clean equipment verification should be submitted.

- 1. Are any crops custom harvested? **(b) (4)** Yes **(b) (4)** No  
If yes, which crops and by whom?  
See Tab 5 OSP Section L Crop & feed Production and Protection
  
- 2. Are any crops harvested with rented or borrowed equipment? **(b) (4)** Yes **(b) (4)** No  
If yes, please describe:  
See Tab 5 OSP Section L Crop & feed Production and Protection
  
- 3. Is harvest equipment used for both organic and conventional crops? **(b) (4)** Yes **(b) (4)** No  
If yes, describe how the operation ensures there is no risk of contamination to organic crop from any residue left on equipment (cleaning methods, etc.):  
See Tab 5 OSP Section L Crop & feed Production and Protection
  
- 4. Are containers used to harvest crops? **(b) (4)** Yes **(b) (4)** No  
If yes, list the types of containers and whether they are new or used:  
**(b) (4)**
  
- 5. Are containers used for both organic and conventional crops? **(b) (4)** Yes **(b) (4)** No  
If yes, describe how the operation ensures that there is no risk of contamination from residues left in the Container:  
See Tab 5 OSP Section L Crop & feed Production and Protection
  
- 6. Are containers cleaned prior to harvest? **(b) (4)** Yes **(b) (4)** No  
If yes, describe methods:  
**(b) (4)**

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**SECTION 2 - POST HARVEST** **Module 16, Cont'd**

**(b) (4)** No post-harvest activities occur (No cooling, rinsing, washing, packing or application of any materials, occurs to crops post-harvest.). Skip to Module 17

1. Indicate what methods are used to prepare post-harvest areas/facilities:

Check all that apply and list any cleansers or sanitizers in the Module 17 - Post-Harvest Materials.

- |                                     |                                 |                               |                               |
|-------------------------------------|---------------------------------|-------------------------------|-------------------------------|
| <b>(b) (4)</b> Manual Washing       | <b>(b) (4)</b> Soap and Water   | <b>(b) (4)</b> Sanitizing     | <b>(b) (4)</b> Scraping       |
| <b>(b) (4)</b> Sweeping             | <b>(b) (4)</b> Vacuuming        | <b>(b) (4)</b> Compressed Air | <b>(b) (4)</b> Steam Cleaning |
| <b>(b) (4)</b> Purging of Equipment | <b>(b) (4)</b> Other (specify): |                               |                               |

2. Are quaternary ammonia products used for cleaning or sanitation? **(b) (4)** Yes **(b) (4)** No

*(Please note, Quaternary Ammonia products are known to leave residues on food contact surfaces. Steps must be taken to ensure that no residues remain on any food contact surfaces. On a product label, quaternary ammonia may be noted as alkyl dimethyl ammonium chloride)*

3. How does the operation ensure that organic products are not contaminated by a cleanser or sanitizer?

4. Does the operation document/record cleaning, sanitation and/or purging practices and procedures?

**(b) (4)** Yes **(b) (4)** No  
If yes, please describe:

5. Are products containing chlorine, calcium hypochlorite, chlorine dioxide or sodium hypochlorite used in direct contact with any crops (wash water, flume water, etc.)? **(b) (4)** Yes **(b) (4)** No  
If yes, please answer the following:

a) What is the rate used?

b) Residual chlorine levels in water that has direct contact with crops, may not exceed the maximum residual limit of 4ppm as specified by the Safe Drinking Water Act. Please describe how this restriction is met:

6. What is the source of water used in direct contact with crops?

- (b) (4)** Municipal **(b) (4)** Well **(b) (4)** Other (Specify):

7. Is water treated on site? **(b) (4)** Yes **(b) (4)** No  
If yes, how?

8. Is water quality monitored? **(b) (4)** Yes **(b) (4)** No  
Please describe:

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



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**SECTION 2 - POST HARVEST CONT'D**

**Module 16, Cont'd**

9. Are any materials applied to any crops post-harvest (sprout inhibitors, silage inoculants, etc.)?

(b) Yes (b) No  
(4) (4)

If yes, please list the material in the "Post-Harvest Materials" section.

10. Are any pest control methods used in areas/structures where cooling, washing, bagging occurs?

(b) Yes (b) No  
(4) (4)

If yes, please list the materials in the "Post-Harvest Materials" section.

11. Are any harvested crops processed (grind, cut, mix, preserve, extract, dehydrate, can, jar, cook, etc.) by this operation? (b) Yes (b) No  
(4) (4)

If yes, please also fill out a Process Handler OSP.

12. Is a different certified organic facility used to process (cut, mix, preserve, extract, dehydrate, can, jar, cook, etc.) any of this operation's crops post-harvest?

(b) No, not applicable (b) Yes and ownership is transferred at delivery  
(4) (4) Yes and the operation retains ownership of the final product

If a certified organic facility is used to process any crops post-harvest and this operation retains ownership of the final product, please complete the following:

Product	Label Claim (100% Organic, Organic, Made with Organic)	Label or Brand Name	Name of Processor	Organic Certifier of Processor

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:





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**SECTION 3 - PACKAGING**

**Module 16, Cont'd**

The NOP rule defines "packaging" as a sealed container or material that encloses a product. Non-retail containers used only to ship or store organic products must clearly identify the organic status of the product. If lot numbers are used, non-retail containers must display the production lot number of the product. For packaged (sealed), retail products, the label must state "Certified Organic by the Colorado Department of Agriculture" or similar, directly below the name and contact information for the operation. Please see Subpart D – Lables, Labeling, and Market Information - of the NOP Rule for more specific requirements.

**1. How are products identified as organic during sale or at the point of sale? Check all that apply.**

- Retail labels
- Non-retail labels
- Invoices
- Scale tickets
- Bin tags
- Bills of lading
- Other(Specify):

**2. Are organic products packaged (see definition above) in any way?**

Yes  No

**a. If yes, what types of packaging or containers are used? Mark all that apply.**

- Cardboard
- Paper
- Wood
- Glass
- Plastic bags
- Solid plastic
- Metal
- Foil
- Other (Specify): Truck Container or flat bed

**b. Are packaging materials or containers food grade?**

Yes  No

If no, please explain:

(b) (4)

**c. Are packaging materials or containers re-used?**

Yes  No

If yes, explain how organic products are protected from potential contamination:

(b) (4)

**d. Are retail labels applied to packaging?**

Yes  No

**e. Are non-retail labels applied to packaging?**

Yes  No

**f. Is the USDA seal applied to packaging or marketing information?**

Yes  No

**g. Is the Colorado Organic seal applied to packaging or marketing information?**

Yes  No

**\*\*Please submit color copies of all labels used by the operation (photographs and printing proofs are acceptable)**

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



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See Appendix 9 Crop Management  
 and 10 Master Sanitation

**MODULE 17: CLEANING, SANITIZING & POST HARVEST INPUTS**

**Cleaning, Sanitizing & Post-Harvest Inputs**  
 List all products used after products have been harvested including tool and equipment cleaners and sanitizers, pest control products used in handling and storage areas, and materials applied to products. If you have discontinued use of a product and are unlikely to use it again, please strike through or cross out the entry. Labels for each product need to be on file with CDA. If you have received approval for a product and have submitted a product label, you do not need to resubmit the label each year.

Product	Manufacturer	Use & How Applied	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

\*NOP Rule References (CDA to enter) -





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**MODULE 18: RECORD KEEPING**

**Record Keeping**

The NOP Rule requires that records disclose all activities and transactions of the operation, be maintained for 5 years, and demonstrate compliance with the Rule. Organic products must be able to be traced back to the field/location where they were produced/harvested. All records must be available to view and/or copy.

**1. What records are kept for organic production?**

- (b) Field maps
- (4) Field activity logs
- Machine use logs
- Planting records
- Documentation of previous land use
- Input records for soil amendments, fertilizers, pest, weed and disease controls
- Documentation of attempts to source organic seeds and/or planting stock
- Documentation of seed and planting stock sources
- Compost production records
- Monitoring records (soil, tissue, and water tests, etc.)
- Equipment cleaning records
- Harvest records
- Labor records
- Storage records
- Clean transport records
- Sales records (invoices, purchase orders, receipts)
- Shipping records (scale tickets, bill of lading, etc.)
- Transaction certificates
- Audit control summary
- Other (Specify): See Tab 5 OSP Section M Record Keeping and Audit Trail

**2. How long are records kept? If less than 5 years, explain why:**

(b) (4)

**3. What records are kept for non-organic production?**

- |  |                         |                          |
|--|-------------------------|--------------------------|
| (b) Not applicable (no non-organic production) | (b) Input records       | (b) Field history sheets |
| (4) Harvest records                            | (4) Sales records       | (4) Storage records      |
| Shipping records                               | Complaints to operators | Field maps               |
| Labor records                                  | Other:                  |                          |

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:

## Aurora Organic Farms – High Plains Organic System Plan (OSP)

### PART I: Operation Overview

#### A. High Plains Overview:

1. High Plains Dairy Office

28545 County Road 72, Gill, CO 80624

970-454-2420 x (b) (4)

- i. Directions: From Weld County Road 392 turn Left (North) onto Weld County Road 55, continue for 2 miles. Turn Right (East) onto Weld County Road 72. Continue for about 1.5 miles, the farm office (house) will be on the Left (North Side) off the county road.

2. Summary: Aurora Organic Farms (AOF) – High Plains (HP) (b) (4)

[REDACTED]

- i. (b) (4) (Please see *Farm Binder Tab 6* for facility diagram):

- a. (b) (4)  
b. (b) (4)  
c. (b) (4)  
d. (b) (4)  
e. (b) (4)

- ii. (b) (4) (Please see *Farm Binder Tab 7* for field history and *Farm Binder Tab 6* for maps of physical locations). (b) (4)

[REDACTED]

#### B. Natural Resources and Biodiversity Conservation:

1. (b) (4)

[REDACTED]



**C. Animal Welfare Program:**

1. (b) (4)  
[Redacted]
- i. Livestock Comfort: (b) (4)  
(b) (4)  
[Redacted] . See  
*Appendix 8* for the Pasture and Grazing Plan.
- ii. Livestock Shelter & Housing: (b) (4)  
[Redacted] See *OSP*  
*Section G* regarding Livestock Living Conditions.
- iii. (b) (4)  
[Redacted]
- iv. (b) (4)  
[Redacted] See *Appendix 4* for the  
Livestock Management Plan (b) (4)  
[Redacted]

**PART II: Dairy/Livestock**

**D. Origin of Livestock:**

1. (b) (4)  
[Redacted]

(b) (4)

2. (b) (4)  
Refer to *Appendix 7* for information on suppliers and which agents they are certified by.

3. (b) (4)

4. (b) (4)

5. (b) (4)  
For additional information about our livestock replacement program, see *Appendix 4*, Livestock Management. Please also refer to the Cattle Movement Flow Charts in *Appendix 3*.

**E. Livestock Feed:**

1. (b) (4)

2. (b) (4)  
See *Appendix 8* for Pasture & Grazing Plan. (b) (4)  
See *Tab 6 Maps & Diagrams* for grazing maps.



3. (b) (4) [redacted] See *Appendix 6* for feed rations and ration percentages. See *Appendix 7* (b) (4) [redacted]
4. (b) (4) [redacted] For a list of feed supplements and additives, see *Appendix 6*. (b) (4) [redacted], see *Appendix 3*.
5. For more information regarding feed storage, see *OSP Section L*. See *Appendix 2* for Recordkeeping System Elements (b) (4) [redacted]
6. (b) (4) [redacted]. See *Farm Binder Tab 10* for water report. (b) (4) [redacted]. Please also refer to *OSP Section J* for water use in soil and crop fertility.

**F. Livestock Health Care Practice Standards**

1. (b) (4) [redacted]
2. (b) (4) [redacted]. See *Appendix 4* (b) (4) [redacted]
3. (b) (4) [redacted]
4. (b) (4) [redacted]
  - i. (b) (4) [redacted]
  - ii. Refer to *Appendix 4* for Cow Organic Herd Health Protocol and for Calf Herd Health Protocol. *Appendix 5* includes Herd Health Methods, Materials and the supporting labels.

### G. Livestock Living Conditions

1. (b) (4)

Please see *Appendix 7* for more information on bedding materials. (b) (4)

- i. (b) (4)
- ii. (b) (4)
- iii. (b) (4) ed. Refer to *Appendix 4* for more information about calf/young stock management.
- iv. (b) (4) :

High Plains Dairy		
Shelter Type	~ Square Feet	# Animals
(b) (4)		



(b) (4)

Aurora Farm Company - Weld		
Shelter Type	~ Square Feet	# Animals
(b) (4)		

2. (b) (4)

See *Appendix 8 Pasture & Grazing Plan.*

3. Sanitation & Maintenance: (b) (4)

Please refer to *Appendix 10* (b) (4)

4. (b) (4)

See *Appendix 4* (b) (4)

i. (b) (4) See *Farm Binder Tab 7* for Field Input History and Expected Production for on farm use.

ii. (b) (4) See *Appendix 7* for information on bedding materials.

**H. Livestock and Dairy Production and Protection**

1. (b) (4)

2. (b) (4)
  - i. (b) (4)
  - ii. (b) (4)
  - iii. See *Appendix 10* for equipment wash procedures for milk handling. (b) (4)

iv. **Last Six Days In Tank:** February 10<sup>th</sup> to February 15<sup>th</sup> 2017

Last 6 Days:	Average # Cows Milked in Tank	Somatic Cell Count	Average # Pounds Produced
2/10/17	(b) (4)		
2/11/17			
2/12/17			
2/13/17			
2/14/17			
2/15/17			

3. (b) (4)

Month	Estimated # of Organic Cows In Tank	Estimated Lbs. of Organic Milk Produced Per Cow Per Day	Estimated Total Pounds of Organic Milk Produced Per Day
Jan '17	(b) (4)		
Feb '17			
Mar '17			
April '17			
May '17			
June '17			
July '17			
Aug '17			
Sept '17			
Oct '17			
Nov '17			
Dec '17			
<b>Average</b>			

4. (b) (4)



- (b) (4)
- i. (b) (4)
  - ii. (b) (4)

## PART III: Crop/Pasture

### I. Crop Farm Plan

1. (b) (4)  
(see *Section K*). (b) (4)
2. (b) (4)
3. (b) (4)
4. (b) (4)
5. For more information about our crop management, manure management, and pasture grazing programs see *Farm Binder Tab 7* for field history and projected yield.

### J. Soil / Crop Fertility

1. See Soil Sample Report in *Farm Binder Tab 4*. (b) (4)  
i. (b) (4) Please refer to *Appendix 9* (b) (4)  
ii. (b) (4) Please refer to the *Appendix 9* for a list of approved soil input materials.
2. (b) (4)

(b) (4)

3. (b) (4)
- see water report in *Farm Binder Tab 10.* (b) (4)
- Please see *Farm Binder Tab 7* (b) (4)

### K. Crop Management

1. (b) (4)
- i. (b) (4)
- ii. (b) (4)
- See *Appendix 9* for seed supply information.
- iii. (b) (4)
- For more information about our crop rotation plan see *Farm Binder Tab 7* under Field Input History & Expected Yields.
2. (b) (4)
- 10 (b) (4)
- Please refer to the *Appendix*

### L. Crop & Feed Production and Protection

1. For field activities, including modifications to the plan, for the current year and expected yields please see *Tab 7 Field Input History.*

2. (b) (4)

3. (b) (4)

iv. For field activities, including modifications to the plan, for the current year please see *Farm Binder Tab 7*. Please see *Farm Binder Tab 6* (b) (4)

4. (b) (4)

5. (b) (4) . See *Appendix 10* for Clean Equipment Program. (b) (4)

6. (b) (4)

7. (b) (4) See *Appendix 10* for Clean Equipment Program, (b) (4) See *Appendix 3 Flow Charts & Diagrams* for additional information.

8. (b) (4), see *Appendix 10*. Please also see facility diagrams under *Farm Binder Tab 6* for details of structures pertaining to livestock and crop at each farm.

Storage ID	Type of Feed	Type of Storage	Capacity	Organic (O), Transitional (T)
(b) (4)				



(b) (4)



## PART IV: Record Keeping and Audit Trail

### M. Recordkeeping and Audit Trail

1. See *Table of Contents* and *Appendix 2* for Organic Best Management Practices. (b) (4)

i. (b) (4)



ii. (b) (4)



(b) (4)



(b) (4)





(b) (4)



(b) (4)



(b) (4)





***Aurora Organic Farms – High Plains***

(b) (4)



## ***Aurora Organic Farms – High Plains***

(b) (4)



# ***Aurora Organic Farms – High Plains*** (b) (4)

(b) (4)





## ***Aurora Organic Farms – High Plains***

(b) (4)



# ***Aurora Organic Farms – High Plains*** (b) (4)

(b) (4)



# *Aurora Organic Farms – High Plains*

(b) (4)

(b) (4)





(b) (4)



(b) (4)



(b) (4)





(b) (4)

Producer Name: AOF - High Plains

Code* O/T	Field No.	Total Acres	Farmable Acres	Year: 2017				Year: 2016		Year: 2015		Year: 2014		Lease/Own	Irrigation
				Crop	Inputs	Projected Dry Matter	~Projected Total Dry Matter	Crop	Inputs	Crop	Inputs	Crop	Inputs		

(b) (4)

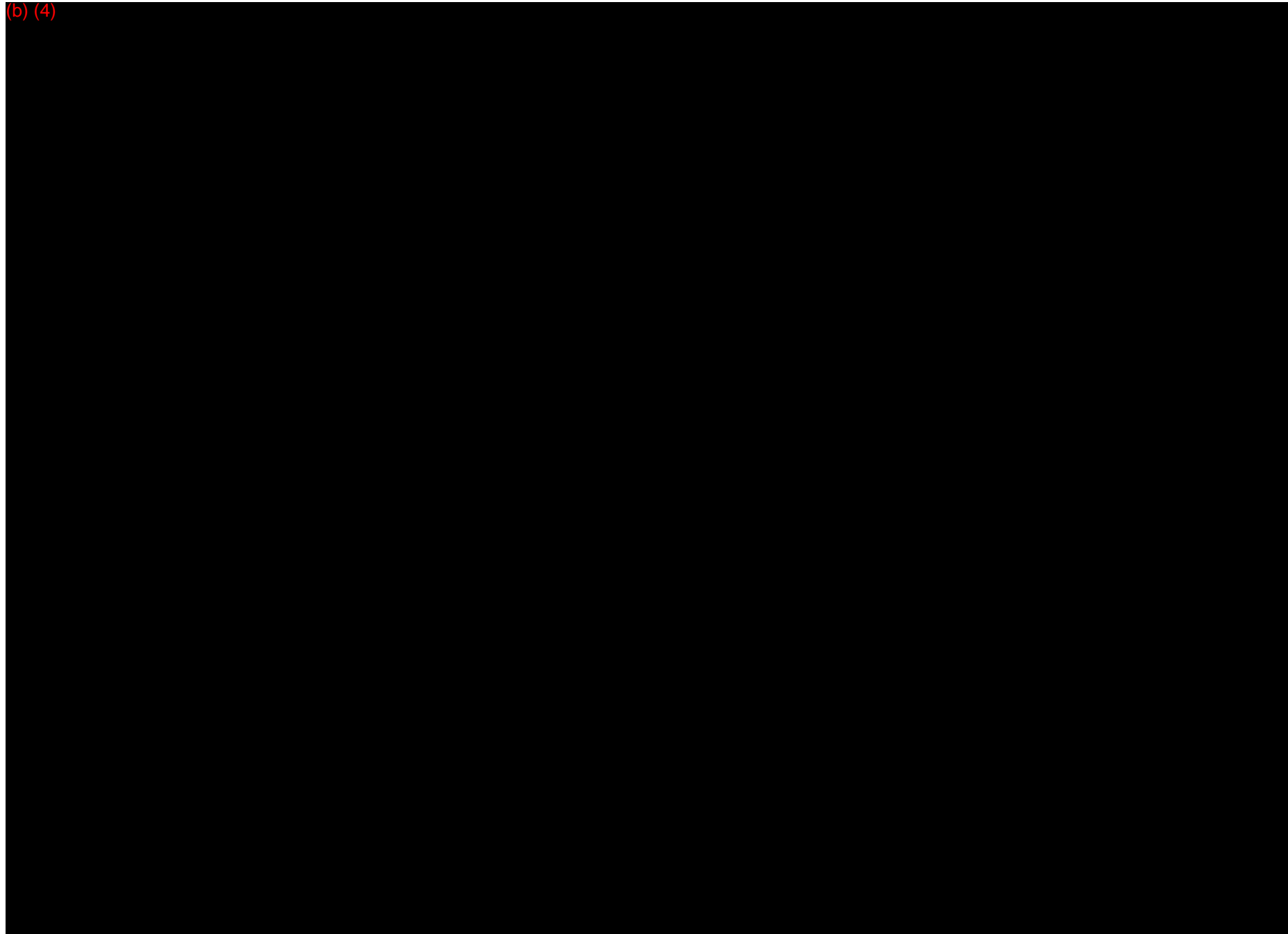
(b) (4)



(b) (4)







(b) (4)

(b) (4)



The AOF – High Plains farm location is entirely organic. For past prior land use affidavits please refer to AOF – High Plains archives.



# SOIL ANALYSIS REPORT

CLIENT: (b) (4)	(b) (4)	(b) (4)	(b) (4)	LAB NO:	3880 - 3885
				INVOICE NO:	(b) (4)
				DATE RECEIVED:	10/25/2016
				DATE REPORTED:	10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD DRY COW WEST** **FIELD IDENTIFICATION** (b) (4)

METHOD USED:			2-1 Water-Soil		2-1 Water-Soil		LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate					DTPA					
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Exoess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3880	(b) (4)																			
3881	(b) (4)																			
3882	(b) (4)																			
3883	(b) (4)																			
3884	(b) (4)																			
3885	(b) (4)																			

METHOD USED:			Date Sampled																	
3880	(b) (4)		10/21/16																	
3881	(b) (4)		10/21/16																	
3882	(b) (4)		10/21/16																	
3883	(b) (4)		10/21/16																	
3884	(b) (4)		10/21/16																	
3885	(b) (4)		10/21/16																	

FERTILIZER RECOMMENDATIONS:			POUNDS ACTUAL NUTRIENT PER ACRE																
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl		
				6.0	6.5	7.0													
3880	(b) (4)																		
3881	(b) (4)																		
3882	(b) (4)																		
3883	(b) (4)																		
3884	(b) (4)																		
3885	(b) (4)																		

Cation Exchange
(b) (4)

# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b) (4)	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b>	3880 - 3885
				<b>INVOICE NO:</b>	(b) (4)
				<b>DATE RECEIVED:</b>	10/25/2016
				<b>DATE REPORTED:</b>	10/28/2016

**SOIL ANALYSIS RESULTS FOR:** AOD DRY COW WEST **FIELD IDENTIFICATION:** (b) (4)

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3880, 3882, 3884  
Servi-Tech Laboratory fertilizer recommendations were not requested.

# SOIL ANALYSIS REPORT

**CLIENT:** (b) (4)  
 (b) (4)

(b) (4) (b) (4)

**LAB NO:** 3910 - 3919  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS SOUTHEAST** **FIELD IDENTIFICATION: (b) (4)**

METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate					DTPA						
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3910	(b) (4)																				
3911	(b) (4)																				
3912	(b) (4)																				
3913	(b) (4)																				
3914	(b) (4)																				
3915	(b) (4)																				
3916	(b) (4)																				
3917	(b) (4)																				
3918	(b) (4)																				
3919	(b) (4)																				

METHOD USED:			Date Sampled																		
Lab Number	Sample ID	Sample Depth																			
3910	(b) (4)		10/21/16																		
3911	(b) (4)		10/21/16																		
3912	(b) (4)		10/21/16																		
3913	(b) (4)		10/21/16																		
3914	(b) (4)		10/21/16																		
3915	(b) (4)		10/21/16																		
3916	(b) (4)		10/21/16																		
3917	(b) (4)		10/21/16																		
3918	(b) (4)		10/21/16																		
3919	(b) (4)		10/21/16																		



# SOIL ANALYSIS REPORT

<b>CLIENT:</b>  (b) [REDACTED]	(b) (4) [REDACTED]	(b) (4) [REDACTED]	<b>LAB NO:</b>	3910 - 3919
			<b>INVOICE NO:</b>	(b) (4) [REDACTED]
			<b>DATE RECEIVED:</b>	10/25/2016
			<b>DATE REPORTED:</b>	10/28/2016

**SOIL ANALYSIS RESULTS FOR:** AOD HIGH PLAINS SOUTHEAST **FIELD IDENTIFICATION:** CO/WELD

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE														Cation Exchange
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	(b) (4) [REDACTED]
				6.0	6.5	7.0												
3910	(b) (4) [REDACTED]																	
3911																		
3912																		
3913																		
3914																		
3915																		
3916																		
3917																		
3918																		
3919																		

**SPECIAL COMMENTS AND SUGGESTIONS:**  
 Lab Number(s): 3910, 3912, 3914, 3916, 3918  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

# SOIL ANALYSIS REPORT

**CLIENT:** (b) (4)

(b) (4)

(b) (4)

(b) (4)

**LAB NO:** 3920 - 3921  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS SOUTHEAST** **FIELD IDENTIFICATION: (b) (4)**

METHOD USED:			2-1 Water-Soil	2-1 Water-Soil	LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate							DTPA					
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Exoess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3920	(b) (4)																			
3921	(b) (4)																			

METHOD USED:			Date Sampled																	
3920	(b) (4)		10/21/16																	
3921	(b) (4)		10/21/16																	

FERTILIZER RECOMMENDATIONS:			POUNDS ACTUAL NUTRIENT PER ACRE														
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl
				6.0	6.5	7.0											
3920	(b) (4)																
3921	(b) (4)																

**Cation Exchange Capacity**  
 (b) (4)

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3920  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 3921  
 (b) (4)

# SOIL ANALYSIS REPORT

**CLIENT:** (b) (4)  
 (b) (4)

(b) (4) (b) (4)

**LAB NO:** 3886 - 3895  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD RAYGLO** **FIELD IDENTIFICATION:** (b) (4)

METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate						DTPA					
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Sulfur lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3886	(b) (4)																				
3887	(b) (4)																				
3888	(b) (4)																				
3889	(b) (4)																				
3890	(b) (4)																				
3891	(b) (4)																				
3892	(b) (4)																				
3893	(b) (4)																				
3894	(b) (4)																				
3895	(b) (4)																				

METHOD USED:			Date Sampled																		
Lab Number	Sample ID	Sample Depth																			
3886	(b) (4)		0/21/16																		
3887	(b) (4)		0/21/16																		
3888	(b) (4)		0/21/16																		
3889	(b) (4)		0/21/16																		
3890	(b) (4)		0/21/16																		
3891	(b) (4)		0/21/16																		
3892	(b) (4)		0/21/16																		
3893	(b) (4)		0/21/16																		
3894	(b) (4)		0/21/16																		
3895	(b) (4)		0/21/16																		



# SOIL ANALYSIS REPORT

**CLIENT:** (b) (4)  
 (b)

(b) (4) (b) (4)

**LAB NO:** 3886 - 3895  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR:** AOD RAYGLO **FIELD IDENTIFICATION:** (b) (4)

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE														Cation Exchange Capacity
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	(b) (4)
				6.0	6.5	7.0												
3886	(b) (4)																	
3887																		
3888																		
3889																		
3890																		
3891																		
3892																		
3893																		
3894																		
3895																		

**SPECIAL COMMENTS AND SUGGESTIONS:**  
 Lab Number(s): 3886, 3888, 3890, 3892, 3894  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b) (4)	(b) (4)	<b>LAB NO:</b> 3896 - 3901 <b>INVOICE NO:</b> (b) (4) <b>DATE RECEIVED:</b> 10/25/2016 <b>DATE REPORTED:</b> 10/28/2016
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**SOIL ANALYSIS RESULTS FOR: AOD RAYGLO** **FIELD IDENTIFICATION: CO/WELD**

METHOD USED:			2-1 Water-Soil		2-1 Water-Soil		LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate					DTPA					
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Exoess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3896	(b) (4)																			
3897	(b) (4)																			
3898	(b) (4)																			
3899	(b) (4)																			
3900	(b) (4)																			
3901	(b) (4)																			

METHOD USED:			Date Sampled																	
3896	(b) (4)		0/21/16																	
3897	(b) (4)		0/21/16																	
3898	(b) (4)		0/21/16																	
3899	(b) (4)		0/21/16																	
3900	(b) (4)		0/21/16																	
3901	(b) (4)		0/21/16																	

FERTILIZER RECOMMENDATIONS:			POUNDS ACTUAL NUTRIENT PER ACRE															
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	
				6.0	6.5	7.0												
3896	(b) (4)																	
3897	(b) (4)																	
3898	(b) (4)																	
3899	(b) (4)																	
3900	(b) (4)																	
3901	(b) (4)																	

Cation Exchange Capacity					
CEC	%H	%K	%Ca	%Mg	%Na
(b) (4)					

# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b>	3896 - 3901
			<b>INVOICE NO:</b>	(b) (4)
			<b>DATE RECEIVED:</b>	10/25/2016
			<b>DATE REPORTED:</b>	10/28/2016

**SOIL ANALYSIS RESULTS FOR:** AOD RAYGLO **FIELD IDENTIFICATION:** (b) (4)

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3896, 3897  
(b) (4)

Lab Number(s): 3896, 3898, 3900  
Servi-Tech Laboratory fertilizer recommendations were not requested.



# SOIL ANALYSIS REPORT

**CLIENT:** (b) (4)  
 (b) (4)

(b) (4) (b) (4)

**LAB NO:** 3842 - 3851  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS** **FIELD IDENTIFICATION: CO/WELD**

METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate					DTPA						
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3842	(b) (4)																				
3843																					
3844																					
3845																					
3846																					
3847																					
3848																					
3849																					
3850																					
3851																					

METHOD USED:			Date Sampled																		
3842	(b) (4)		0/21/16																		
3843			0/21/16																		
3844			0/21/16																		
3845			0/21/16																		
3846			0/21/16																		
3847			0/21/16																		
3848			0/21/16																		
3849			0/21/16																		
3850			0/21/16																		
3851			0/21/16																		

# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b) (4)	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b> 3842 - 3851
				<b>INVOICE NO:</b> (b) (4)
				<b>DATE RECEIVED:</b> 10/25/2016
				<b>DATE REPORTED:</b> 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS** **FIELD IDENTIFICATION: (b) (4)**

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE														Cation Exchange Capacity						
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	CEC	%H	%K	%Ca	%Mg	%Na	
				6.0	6.5	7.0																		
3842	(b) (4)																							
3843																								
3844																								
3845																								
3846																								
3847																								
3848																								
3849																								
3850																								
3851																								

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3842, 3843, 3851  
 (b) (4)

Lab Number(s): 3842, 3844, 3846, 3848, 3850  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

# SOIL ANALYSIS REPORT

<b>CLIENT:</b>	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b>	3852 - 3861
(b) (4)				<b>INVOICE NO:</b>	(b) (4)
				<b>DATE RECEIVED:</b>	10/25/2016
				<b>DATE REPORTED:</b>	10/28/2016

SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS										FIELD IDENTIFICATION: (b) (4)										
METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction		Bicarb P	Ammonium Acetate					DTPA				
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3852	(b) (4)																			
3853																				
3854																				
3855																				
3856																				
3857																				
3858																				
3859																				
3860																				
3861																				

METHOD USED:			Date Sampled																	
Lab Number	Sample ID	Sample Depth																		
3852	(b) (4)		0/21/16																	
3853			0/21/16																	
3854			0/21/16																	
3855			0/21/16																	
3856			0/21/16																	
3857			0/21/16																	
3858			0/21/16																	
3859			0/21/16																	
3860			0/21/16																	
3861			0/21/16																	



# SOIL ANALYSIS REPORT

**CLIENT:** (b) (4)

(b)

(b) (4)

(b) (4)

**LAB NO:** 3852 - 3861

**INVOICE NO:** (b) (4)

**DATE RECEIVED:** 10/25/2016

**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS** **FIELD IDENTIFICATION: (b) (4)**

Lab Number	Sample ID	Crop To Be Grown	Yield Goal	POUNDS ACTUAL NUTRIENT PER ACRE															
				Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl		
				6.0	6.5	7.0													
3852	(b) (4)																		
3853																			
3854																			
3855																			
3856																			
3857																			
3858																			
3859																			
3860																			
3861																			

Cation Exchange Capacity					
CEC	%H	%K	%Ca	%Mg	%Na
(b) (4)					

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3852, 3854, 3856, 3858, 3860  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 3855  
 (b) (4)

Lab Number(s): 3857  
 (b) (4)

Lab Number(s): 3859  
 (b) (4)

# SOIL ANALYSIS REPORT

<b>CLIENT:</b>	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b>	3862 - 3871
(b) (4)				<b>INVOICE NO:</b>	(b) (4)
				<b>DATE RECEIVED:</b>	10/25/2016
				<b>DATE REPORTED:</b>	10/28/2016

SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS										FIELD IDENTIFICATION: [REDACTED]											
METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction		Bicarb P	Ammonium Acetate					DTPA					
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Sulfur lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3862	(b) (4)																				
3863																					
3864																					
3865																					
3866																					
3867																					
3868																					
3869																					
3870																					
3871																					

METHOD USED:			Date Sampled																		
3862	(b) (4)		0/21/16																		
3863			0/21/16																		
3864			0/21/16																		
3865			0/21/16																		
3866			0/21/16																		
3867			0/21/16																		
3868			0/21/16																		
3869			0/21/16																		
3870			0/21/16																		
3871			0/21/16																		

# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b) (4)	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b>	3862 - 3871
				<b>INVOICE NO:</b>	(b) (4)
				<b>DATE RECEIVED:</b>	10/25/2016
				<b>DATE REPORTED:</b>	10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD HIGH PLAINS** **FIELD IDENTIFICATION: (b) (4)**

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE														Cation Exchange Capacity
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	(b) (4)
				6.0	6.5	7.0												
3862	(b) (4)																	
3863																		
3864																		
3865																		
3866																		
3867																		
3868																		
3869																		
3870																		
3871																		

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3862, 3864, 3866, 3868, 3870  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 3868  
 (b) (4)

Lab Number(s): 3869  
 (b) (4)



# SOIL ANALYSIS REPORT

**CLIENT:**  
 (b) (4)

(b) (4)

**LAB NO:** 3956 - 3965  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD-LCRD** **FIELD IDENTIFICATION: (b) (4)**

METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction		Bicarb P	Ammonium Acetate					DTPA						
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	lb. N/A	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3956	(b) (4)																					
3957	(b) (4)																					
3958	(b) (4)																					
3959	(b) (4)																					
3960	(b) (4)																					
3961	(b) (4)																					
3962	(b) (4)																					
3963	(b) (4)																					
3964	(b) (4)																					
3965	(b) (4)																					

METHOD USED:			Date Sampled																			
Lab Number	Sample ID	Sample Depth																				
3956	(b) (4)		0/21/16																			
3957	(b) (4)		0/21/16																			
3958	(b) (4)		0/21/16																			
3959	(b) (4)		0/21/16																			
3960	(b) (4)		0/21/16																			
3961	(b) (4)		0/21/16																			
3962	(b) (4)		0/21/16																			
3963	(b) (4)		0/21/16																			
3964	(b) (4)		0/21/16																			
3965	(b) (4)		0/21/16																			

# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b)	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b> 3956 - 3965 <b>INVOICE NO:</b> (b) (4) <b>DATE RECEIVED:</b> 10/25/2016 <b>DATE REPORTED:</b> 10/28/2016

**SOIL ANALYSIS RESULTS FOR:** AOD-LCRD **FIELD IDENTIFICATION:** (b) (4)

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE														Cation Exchange Capacity						
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	CEC	%H	%K	%Ca	%Mg	%Na	
				6.0	6.5	7.0																		
3956	(b) (4)																							
3957																								
3958																								
3959																								
3960																								
3961																								
3962																								
3963																								
3964																								
3965																								

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3956, 3958, 3960, 3962, 3964  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 3957  
 (b) (4)

Lab Number(s): 3961  
 (b) (4)

# SOIL ANALYSIS REPORT

**CLIENT:**  
 (b) (4)

(b) (4)

**LAB NO:** 3966 - 3975  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD-LCRD** **FIELD IDENTIFICATION:** (b) (4)

METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate					DTPA						
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B	
3966	(b) (4)																				
3967	(b) (4)																				
3968	(b) (4)																				
3969	(b) (4)																				
3970	(b) (4)																				
3971	(b) (4)																				
3972	(b) (4)																				
3973	(b) (4)																				
3974	(b) (4)																				
3975	(b) (4)																				

METHOD USED:			Date Sampled																		
Lab Number	Sample ID	Sample Depth																			
3966	(b) (4)		0/21/16																		
3967	(b) (4)		0/21/16																		
3968	(b) (4)		0/21/16																		
3969	(b) (4)		0/21/16																		
3970	(b) (4)		0/21/16																		
3971	(b) (4)		0/21/16																		
3972	(b) (4)		0/21/16																		
3973	(b) (4)		0/21/16																		
3974	(b) (4)		0/21/16																		
3975	(b) (4)		0/21/16																		



# SOIL ANALYSIS REPORT

<b>CLIENT:</b>  (b) (4)	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b>	3966 - 3975
				<b>INVOICE NO:</b>	(b) (4)
				<b>DATE RECEIVED:</b>	10/25/2016
				<b>DATE REPORTED:</b>	10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD-LCRD** **FIELD IDENTIFICATION: (b) (4)**

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE														Cation Exchange Capacity						
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	CEC	%H	%K	%Ca	%Mg	%Na	
				6.0	6.5	7.0												(b) (4)	(b) (4)	(b) (4)	(b) (4)	(b) (4)	(b) (4)	(b) (4)
3966	(b) (4)																							
3967	(b) (4)																							
3968	(b) (4)																							
3969	(b) (4)																							
3970	(b) (4)																							
3971	(b) (4)																							
3972	(b) (4)																							
3973	(b) (4)																							
3974	(b) (4)																							
3975	(b) (4)																							

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3966, 3968, 3970, 3972, 3974  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 3967  
 (b) (4)

Lab Number(s): 3973  
 (b) (4)

# SOIL ANALYSIS REPORT

**CLIENT:** (b) (4)

(b) (4) (b) (4)

**LAB NO:** 3902 - 3909  
**INVOICE NO:** (b) (4)  
**DATE RECEIVED:** 10/25/2016  
**DATE REPORTED:** 10/28/2016

**SOIL ANALYSIS RESULTS FOR: AOD HIGH MEADOW** **FIELD IDENTIFICATION: (b) (4)**

METHOD USED:			2:1 Water-Soil		2:1 Water-Soil		LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate					DTPA					
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B
3902	(b) (4)																			
3903	(b) (4)																			
3904	(b) (4)																			
3905	(b) (4)																			
3906	(b) (4)																			
3907	(b) (4)																			
3908	(b) (4)																			
3909	(b) (4)																			

METHOD USED:			Date Sampled																	
Lab Number	Sample ID	Sample Depth	Date Sampled																	
3902	(b) (4)		0/21/16																	
3903	(b) (4)		0/21/16																	
3904	(b) (4)		0/21/16																	
3905	(b) (4)		0/21/16																	
3906	(b) (4)		0/21/16																	
3907	(b) (4)		0/21/16																	
3908	(b) (4)		0/21/16																	
3909	(b) (4)		0/21/16																	

# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b) (4)	(b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b> 3902 - 3909
				<b>INVOICE NO:</b> (b) (4)
				<b>DATE RECEIVED:</b> 10/25/2016
				<b>DATE REPORTED:</b> 10/28/2016

**SOIL ANALYSIS RESULTS FOR:** AOD HIGH MEADOW **FIELD IDENTIFICATION:** CO/WELD

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE														Cation Exchange Capacity							
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	CEC	%H	%K	%Ca	%Mg	%Na		
				6.0	6.5	7.0																			
3902	(b) (4)																								(b) (4)
3903																									
3904																									
3905																									
3906																									
3907																									
3908																									
3909																									

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3902, 3904, 3906, 3908  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 3903  
 (b) (4)

Lab Number(s): 3904, 3905, 3906, 3907  
 (b) (4)



# SOIL ANALYSIS REPORT

<b>CLIENT:</b> (b) (4)	(b) (4)	(b) (4)	<b>LAB NO:</b> 3838 - 3841 <b>INVOICE NO:</b> (b) (4) <b>DATE RECEIVED:</b> 10/25/2016 <b>DATE REPORTED:</b> 10/28/2016
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**SOIL ANALYSIS RESULTS FOR: AOD DRY COW EAST** **FIELD IDENTIFICATION: (b) (4)**

METHOD USED:			2:1 Water-Soil	2:1 Water-Soil	LOI(r)	Cd Reduction	Bicarb P	Ammonium Acetate						DTPA					
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B
3838	(b) (4)																		
3839	(b) (4)																		
3840	(b) (4)																		
3841	(b) (4)																		

METHOD USED:			Date Sampled																
3838	(b) (4)		0/21/16																
3839	(b) (4)		0/21/16																
3840	(b) (4)		0/21/16																
3841	(b) (4)		0/21/16																

FERTILIZER RECOMMENDATIONS:				POUNDS ACTUAL NUTRIENT PER ACRE													Cation Exchange Capacity							
Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to:			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Zn	S	Mn	Cu	MgO	B	Ca	Cl	CEC	%H	%K	%Ca	%Mg	%Na	
				6.0	6.5	7.0																		
3838	(b) (4)																							
3839	(b) (4)																							
3840	(b) (4)																							
3841	(b) (4)																							

**SPECIAL COMMENTS AND SUGGESTIONS:**

Lab Number(s): 3838, 3840  
 Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 3840, 3841  
 (b) (4)

## NORTH WELD COUNTY WATER DISTRICT 2016 Drinking Water Quality Report For Calendar Year 2015

**Public Water System ID:** CO0162553

**Esta es información importante. Si no la pueden leer, necesitan que alguien se la traduzca.**

We are pleased to present to you this year's water quality report. Our constant goal is to provide you with a safe and dependable supply of drinking water. Please contact RICK PICKARD at 970-356-3020 with any questions about the Drinking Water Consumer Confidence Rule (CCR) or for public participation opportunities that may affect the water quality.

### **General Information**

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791) or by visiting <http://water.epa.gov/drink/contaminants>.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV-AIDS or other immune system disorders, some elderly, and infants can be particularly at risk of infections. These people should seek advice about drinking water from their health care providers. For more information about contaminants and potential health effects, or to receive a copy of the U.S. Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and microbiological contaminants call the EPA Safe Drinking Water Hotline at (1-800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- Microbial contaminants:** viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants:** salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides:** may come from a variety of sources, such as agriculture, urban stormwater runoff, and residential uses.
- Radioactive contaminants:** can be naturally occurring or be the result of oil and gas production and mining activities.
- Organic chemical contaminants:** including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and also may come from gas stations, urban storm water runoff, and septic systems.

In order to ensure that tap water is safe to drink, the Colorado Department of Public Health and Environment prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

### **Lead in Drinking Water**

If present, elevated levels of lead can cause serious health problems (especially for pregnant women and young children). It is possible that lead levels at your home may be higher than other homes in the community as a result of materials used in your home's plumbing. If you are concerned about lead in your water, you may wish to have your water tested. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. Additional information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

### **Source Water Assessment and Protection (SWAP)**

The Colorado Department of Public Health and Environment has provided us with a Source Water Assessment Report for our water supply. For general information or to obtain a copy of the report please visit <http://wqcdcompliance.com/ccr>. The report is located under "Source Water Assessment Reports", and then "Assessment Report by County". Select WELD County and find 162553; NORTH WELD COUNTY WATER DISTRICT or by contacting RICK PICKARD at 970-356-3020. The Source Water Assessment Report provides a screening-level evaluation of potential contamination that ***could*** occur. It ***does not*** mean that the contamination ***has or will*** occur. We can use this information to evaluate the need to improve our current water treatment capabilities and prepare for future contamination threats. This can help us ensure that quality finished water is delivered to your homes. In addition, the source water assessment results provide a starting point for developing a source water protection plan. Potential sources of contamination in our source water area are listed on the next page.

Please contact us to learn more about what you can do to help protect your drinking water sources, any questions about the Drinking Water Consumer Confidence Report, to learn more about our system, or to attend scheduled public meetings. We want you, our valued customers, to be informed about the services we provide and the quality water we deliver to you every day.



**Our Water Sources**

<u>Source</u>	<u>Source Type</u>	<u>Water Type</u>	<u>Potential Source(s) of Contamination</u>
PURCHASED FROM FORT COLLINS CO0135291	CC (CONSECUTIVE CONNECTION)	SW (SURFACE WATER)	Our source water comes from Horsetooth Reservoir and the Poudre River. Potential sources of contamination in our source water area may come from: Hazardous waste generators, chemical inventory/storage sites, toxic release inventory sites, permitted wastewater discharge sites, aboveground, underground and leaking storage tank sites, solid waste sites, existing/abandoned mine sites, other facilities, commercial/industrial & transportation, low intensity residential, urban recreational grasses, row crops, fallow, pasture/hay, deciduous forest, evergreen forest, mixed forest, septic systems, oil/gas wells, road miles.
PURCHASED FROM GREELEY CO0162321	CC	SW	
PURCHASED FROM TRI DISTRICT CO0135718 SW	CC	SW	

**Terms and Abbreviations**

- **Maximum Contaminant Level (MCL)** – The highest level of a contaminant allowed in drinking water.
- **Treatment Technique (TT)** – A required process intended to reduce the level of a contaminant in drinking water.
- **Action Level (AL)** – The concentration of a contaminant which, if exceeded, triggers treatment and other regulatory requirements.
- **Maximum Residual Disinfectant Level (MRDL)** – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- **Maximum Contaminant Level Goal (MCLG)** – The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- **Maximum Residual Disinfectant Level Goal (MRDLG)** – The level of a drinking water disinfectant, below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- **Violation (No Abbreviation)** – Failure to meet a Colorado Primary Drinking Water Regulation.
- **Formal Enforcement Action (No Abbreviation)** – Escalated action taken by the State (due to the risk to public health, or number or severity of violations) to bring a non-compliant water system back into compliance.
- **Variance and Exemptions (V/E)** – Department permission not to meet a MCL or treatment technique under certain conditions.
- **Gross Alpha (No Abbreviation)** – Gross alpha particle activity compliance value. It includes radium-226, but excludes radon 222, and uranium.
- **Picocuries per liter (pCi/L)** – Measure of the radioactivity in water.
- **Nephelometric Turbidity Unit (NTU)** – Measure of the clarity or cloudiness of water. Turbidity in excess of 5 NTU is just noticeable to the typical person.
- **Compliance Value (No Abbreviation)** – Single or calculated value used to determine if regulatory contaminant level (e.g. MCL) is met. Examples of calculated values are the 90<sup>th</sup> Percentile, Running Annual Average (RAA) and Locational Running Annual Average (LRAA).
- **Average (x-bar)** – Typical value.
- **Range (R)** – Lowest value to the highest value.
- **Sample Size (n)** – Number or count of values (i.e. number of water samples collected).
- **Parts per million = Milligrams per liter (ppm = mg/L)** – One part per million corresponds to one minute in two years or a single penny in \$10,000.
- **Parts per billion = Micrograms per liter (ppb = ug/L)** – One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.
- **Not Applicable (N/A)** – Does not apply or not available.



**Detected Contaminants**

NORTH WELD COUNTY WATER DISTRICT routinely monitors for contaminants in your drinking water according to Federal and State laws. The following table(s) show all detections found in the period of January 1 to December 31, 2015 unless otherwise noted. The State of Colorado requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. Therefore, some of our data, though representative, may be more than one year old. Violations and Formal Enforcement Actions, if any, are reported in the next section of this report.

**Note:** Only detected contaminants sampled within the last 5 years appear in this report. If no tables appear in this section then no contaminants were detected in the last round of monitoring.

Microorganism Contaminants Sampled in the Distribution System							
Contaminant Name	Time Period	Results	Sample Size	MCL	MCLG	MCL Violation	Typical Sources
Coliform (TCR)	January-December	0 Positive Samples	120	No more than 1 positive sample per period (if sample size is less than 40)	0	No	Naturally present in the environment

Disinfection Byproducts Sampled in the Distribution System									
Name	Year	Average	Range Low – High	Sample Size	Unit of Measure	MCL	MCLG	MCL Violation	Typical Sources
Total Haloacetic Acids (HAA5)	2015	24.28	11.7 to 36.7	12	ppb	60	N/A	No	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM)	2015	36.58	28.4 to 52.9	12	ppb	80	N/A	No	Byproduct of drinking water disinfection

Total Organic Carbon (Disinfection Byproducts Precursor) Removal Ratio of Raw and Finished Water								
Contaminant Name	Year	Average	Range Low – High	Sample Size	Unit of Measure	TT Minimum Ratio	TT Violation	Typical Sources
Total Organic Carbon Ratio	2015	1.15	0.79 to 1.47	13	Ratio	1.00	No	Naturally present in the environment
TRI-DISTRICT								
FORT COLLINS	2015	1.36	1.00 to 1.70	12	Ratio	1.00	No	
GREELEY	2015	1.25	1.03 to 1.61	20	Ratio	1.00	No	

\*If minimum ratio not met and no violation identified then the system achieved compliance using alternative criteria.

Summary of Turbidity Sampled at the Entry Point to the Distribution System					
Contaminant Name	Sample Date	Level Found	TT Requirement	TT Violation	Typical Sources
Turbidity TRI DISTRICT	Date/Month: Feb 15 2015	Highest single measurement: 0.08 NTU	Maximum 1.0 NTU for any single measurement	No	Soil Runoff
FORT COLLINS	Date/Month: April	Highest single measurement: 0.3 NTU		No	
GREELEY	Date/Month: September	Highest single measurement: 0.223 NTU		No	
Turbidity TRI DISTRICT	Month: All 12 months	Lowest monthly percentage of samples meeting TT requirement for our technology: 100 %	In any month, at least 95% of samples must be less than 0.3 NTU	No	Soil Runoff
FORT COLLINS	Month: All 12 months			No	
GREELEY	Month: December			No	



Inorganic Contaminants Sampled at the Entry Point to the Distribution System									
Contaminant Name	Year	Average	Range Low – High	Sample Size	Unit of Measure	MCL	MCLG	MCL Violation	Typical Sources
Barium TRI DISTRICT	2015	0.017	0.017 to 0.017	1	ppm	2.0	2.0	No	Erosion of natural deposits; Discharge of drilling wastes; Discharge from metal refineries.
FORT COLLINS	2015	0.02		1	ppm	2.0	2.0	No	
GREELEY	2015	0.03	0.02 to 0.04	2	ppm	2.0	2.0	No	
Fluoride TRI DISTRICT	2015	0.57	0.50 to 0.64	13	ppm	4.0	4.0	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
FORT COLLINS	2015	0.64		1	ppm	4.0	4.0	No	
GREELEY	2015	0.67	0.66 to 0.67	2	ppm	4.0	4.0	No	
Nitrate TRI DISTRICT	2015	0.11	0.11 to 0.11	1	ppm	10.0	10.0	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
FORT COLLINS	2015	0.07		1	ppm	10.0	10.0	No	
GREELEY	2014	0.05	0 to 0.1	2	ppm	10.0	10.0	No	

Synthetic Organic Contaminants Sampled at the Entry Point to the Distribution System									
Contaminant Name	Year	Average	Range Low – High	Sample Size	Unit of Measure	MCL	MCLG	MCL Violation	Typical Sources
2,4-D GREELEY	2015	0.06	0 to 0.22	4	ppb	70	70	No	Runoff from herbicide used on row crops

Additional Contaminates Sampled at the Entry Point to the Distribution System									
Contaminant Name	Year	Average	Range Low – High	Sample Size	Unit of Measure	MCL	MCLG	MCL Violation	Typical Sources
Sodium	2015	13.1	13.1 to 13.1	1	ppm	N/A	N/A	N/A	Erosion of natural deposits
Chlorine Dioxide	2015	0.00	0.00 to 0.09	365	ppm	0.8	0.8	No	Water additive to control microbes and manganese
Chlorite	2015	0.40	0.23 to 0.86	365	ppm	1.0	0.8	No	Byproduct of drinking water disinfection
TTHM	2015	8.4	8.4 to 8.4	1	ppb	80.0	N/A	No	Byproduct of drinking water disinfection.

Radionuclides Sampled at the Entry Point to the Distribution System									
Contaminant Name	Year	Average	Range Low – High	Sample Size	Unit of Measure	MCL	MCLG	MCL Violation	Typical Sources
Gross Alpha	2011	1.7	1.7 to 1.7	1	pCi/L	15.0	0	No	Erosion of natural deposits
Combined Radium	2011	0.76	0.76 to 0.76	1	pCi/L	5.0	0	No	Erosion of natural deposits
Combined Uranium	2011	0.01	0.01 to 0.01	1	ppb	30.0	0	No	Erosion of natural deposits
Gross Beta Particle Activity	2011	2.1	2.1 to 2.1	1	pCi/L*	50.0	0	No	Decay of natural and man-made deposits

\*The MCL for Gross Beta Particle Activity is 4 mrem/year. Since there is no simple conversion between mrem/year and pCi/L EPA considers 50 pCi/L to be the level of concern for Gross Beta Particle Activity.



Disinfection Byproducts Sampled in the Distribution System										
Name	Year	Average	Range Low – High	Sample Size	Unit of Measure	MCL	MCLG	Highest Compliance Value	MCL Violation	Typical Sources
Chlorite	2015	0.52	0.36 to 0.74	12	ppm	1.0	0.8	N/A	No	Byproduct of drinking water disinfection

Lead and Copper Sampled in the Distribution System								
Contaminant Name	Time Period	90 <sup>th</sup> Percentile	Sample Size	Unit of Measure	90 <sup>th</sup> Percentile AL	Sample Sites Above AL	90 <sup>th</sup> Percentile AL Exceedance	Typical Sources
Copper	06/06/2015 to 06/12/2015	0.34	30	ppm	1.3	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead	06/06/2015 to 06/12/2015	8.5	30	ppb	15.0	2	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unregulated Contaminant Monitoring Rule 3 (UCMR3)						
<p>Under the 1996 amendments to the federal Safe Drinking Water Act, the U.S. Environmental Protection Agency is required once every five years to issue a new list of up to 30 unregulated contaminants for which public water systems must monitor. The intent of this rule is to provide baseline occurrence data that the EPA can combine with toxicological research to make decisions about potential future drinking water regulations.</p> <p>North Weld County Water District is required to sample at the entry point into our distribution system and at the maximum residence time in our distribution system for a total of 21 unregulated contaminants. Of the 21 unregulated contaminants sampled for, there were only four (4) that were detected.</p>						
Contaminant Name	Year	Range of Results	Average	Unit of Measure	Violation?	Typical Sources
Chlorate	2013	36 to 71	54	ppb	No	Byproduct of drinking water disinfection
Strontium	2013	43 to 45	44	ppb	No	Naturally occurring element
Vanadium	2013	0 to 0.2	0.1	ppb	No	Naturally occurring element
Hexavalent Chromium	2013	0.04 to 0.09	0.06	ppb	No	Naturally occurring metal



**Violations, Significant Deficiencies, and Formal Enforcement Actions**

No Violations or Formal Enforcement Actions
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1919 14th Street, Suite 300  
Boulder, CO 80302  
Phone: 720.564.6296  
Fax: 720.564.0409

March 15, 2017

Ms. Amy Stafford  
Organic Program Manager  
Colorado Department of Agriculture  
305 Interlocken Parkway  
Broomfield, CO 80021

RE: Aurora Organic Farms (AOF) – High Plains Organic System Plan

Dear Amy,

This letter addresses the continuation of the Aurora Organic Farms (AOF) High Plains organic certification. Enclosed you will find the 2017 AOF High Plains Organic System Plan (OSP). Changes and updates have been highlighted in yellow for ease of reference, where appropriate. Please note that AOF HP shares an Appendix with AOF PV as the OSP is a large file. Payment of the organic certification program fees have been sent by mail.

The contents of the AOF HP are confidential business information and include trade secrets. Aurora Organic Farms requests immediate notification of any request made orally or in writing under State or Federal law for release or disclosure.

Please contact us if you have any questions or need additional information.

Sincerely,

(b) (6)

Emily Orr  
Organic Compliance Manager

CC: Alyssa Mack, Juan Velez, Lenny Richer, Craig Edwards, Emily Prisco, Juan David Roza Gonzalez, Shelby Maynard, Hector Benavides  
ENC: AOF HP OSP and Farm Appendix

**From:** Stafford - CDA, Amy  
**To:** [Davis, Graham - AMS](#)  
**Cc:** [Mitchell Yergert - CDA](#); [Duane Sinning - CDA](#)  
**Subject:** AOD OSP part 2  
**Date:** Wednesday, May 3, 2017 4:12:21 PM  
**Attachments:** [17 PV CDA Renewal Application.zip](#)  
[17 PV - Renewal Application Letter to CDA 03.15.17.pdf](#)

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Part 2 of the AOD OSP

Amy Stafford  
Organic Program Manager



P 303.869.9074 | F 303.466-2860  
305 Interlocken Parkway, Broomfield, CO 80021  
[amy.stafford@state.co.us](mailto:amy.stafford@state.co.us) | [www.colorado.gov/ag](http://www.colorado.gov/ag)

## Aurora Organic Farms – Platteville Organic System Plan Table of Contents

<b>Platteville Binder</b>	
Correspondence	Communication & Updates
Tab 1	Application (Fee Schedule, Gen Requirements & Operator Agreement, Inspection Appointment, Renewal Summary Statement)
Tab 2	CDA OSP Module 1 & 2 (General Information & Products for Certification)
Tab 3	CDA Livestock OSP Modules
Tab 4	CDA Crop OSP Modules
Tab 5	Aurora Organic Farms – Platteville Organic System Plan
Tab 6	Maps & Diagrams
Tab 7	Field Input History
Tab 8	Prior Land Use Affidavits
Tab 9	Soil Sample Report
Tab 10	Water District Report
<b>AOF Appendix Binder</b>	
Appendix 1	List of Written Policies & Procedures
Appendix 2	Organic Best Management Practices
Appendix 3	Flow Charts & Diagrams
Appendix 4	Livestock Management
Appendix 5	Herd Health Materials
Appendix 6	Feed Rations & Supplements
Appendix 7	Supplier List & Certificates
Appendix 8	Pasture & Grazing Plan
Appendix 9	Crop Management
Appendix 10	Master Sanitation



**CERTIFIED ORGANIC**  
CERTIFIED TO THE USDA ORGANIC REGULATIONS  
7 CFR PART 205

**AURORA ORGANIC FARMS - PLATTEVILLE**

7388 State Highway 66  
Platteville, Colorado 80651  
United States

1919 14th Street, Suite 300  
Boulder, CO 80302  
United States

**ANNIVERSARY DATE**

(b) (4)

6/1/2017  
6/1/2017

(b) (4)

**CERTIFICATION NUMBER**

(b) (4)

**Initial Effective Date**

**12/5/2003**



COLORADO DEPARTMENT OF AGRICULTURE  
305 Interlocken Parkway  
Broomfield, CO, 80021  
(303) 869-9000  
www.colorado.gov/ag



*Amy Stafford*  
Amy Stafford  
Organic Certification Program Manager

1/4/2017  
Date Issued

Once certified, a production or handling operation's organic certification continues in effect until surrendered or suspended or revoked.





**COLORADO DEPARTMENT OF AGRICULTURE**

**Division of Plant Industry**  
 305 Interlocken Parkway, Broomfield, CO 80021  
 Tel: 303-869-9050 www.colorado.gov/ag/dpi

**ORGANIC CERTIFICATION PROGRAM  
 APPLICATION FEE SCHEDULE**

This form can be filled out electronically and will automatically calculate your fee. Please complete this form to determine your application fees for the current year. Application fees are annual fees and must be submitted for both initial applications and renewals. All applicants pay a \$400.00 base fee. Additional fees are broken down into 5 scopes (Crop, Process Handler, Livestock, Wild Crop, and Poultry & Livestock Processing). For operations that include multiple scopes, each additional scope is \$200.00.

**Certification Renewals: Renewal Forms and Fees must be postmarked by the specified date in your renewal cover letter.** The base fee increases \$100 per month if not postmarked by the date specified (1 – 30 days past due = \$100; 31 – 60 days past due = \$200; up to a maximum of \$300).

**Initial Applicants: New applicants requesting crop certification must submit the application and Organic System Plan by June 1<sup>st</sup>** to receive certification for the year. There are no late fees for initial certifications.

GENERAL INFORMATION				
<b>Applicant/Company Name:</b> Aurora Organic Farms - Platteville		<b>DBA, if applicable:</b>		
<b>Primary Contact's Name:</b> Emily Orr	<b>Phone Number:</b> 303-222-0691	<b>Email Address:</b> compliance@aodmilk.com		
<b>Mailing Address:</b> 1919 14th. St. STE 300	<b>City:</b> Boulder	<b>State:</b> CO	<b>Zip Code:</b> 80302	<b>County:</b> Boulder
<b>Physical Address:</b> 7388 State Highway 66	<b>City:</b> Platteville	<b>State:</b> CO	<b>Zip Code:</b> 80651	<b>County:</b> Weld

BASE FEES	
<b>What is your Primary scope?</b>	
<b>(CHECK ONE ONLY - The part of your operation that produces the most income)</b>	
<input type="checkbox"/> Crops	<input type="checkbox"/> Poultry and Livestock Processing
<input checked="" type="checkbox"/> Livestock	<input type="checkbox"/> Process Handler
<input type="checkbox"/> Wild Crop	
<i>Primary Scope = \$400.00</i>	
<i>If entering by hand enter \$400 here</i>	
<b>400.00</b>	
<b>Which additional scopes are you wishing to certify?</b>	
<b>(Ruminant Livestock Producers must select crops as an additional scope)</b>	
<b>(Check all that apply, additional scopes = \$200 each)</b>	
<i>If entering by hand enter \$200 for each checked box, below</i>	
<input checked="" type="checkbox"/> Crops (must be selected if ruminant livestock is part of operation)	200.00
<input type="checkbox"/> Livestock	0.00
<input type="checkbox"/> Wild Crop	0.00
<input type="checkbox"/> Process Handler	0.00
<input type="checkbox"/> Poultry and Livestock Processing	0.00
<b>Base Fee Total (Primary Scope + additional scopes)</b>	
<b>600</b>	

\*Continue to Page two for Scope Fees





**COLORADO DEPARTMENT OF AGRICULTURE**

Division of Plant Industry

305 Interlocken Parkway, Broomfield, CO 80021

Tel: 303-869-9050 www.colorado.gov/ag/dpi

**ORGANIC CERTIFICATION PROGRAM - APPLICATION FEE SCHEDULE CONT'D**

**SCOPE FEES – Find your Primary Scope from the tables below & check the box that corresponds to the type & size of the operation (Select only one box for your Primary Scope)**

**SCOPE 1: CROPS**

Check the box that corresponds to the type and number of acres you are requesting for certification. If more than one type of production occurs, enter the one which produces the most income.

Irrigated Acres		Dryland Acres		
<input type="checkbox"/> 1 – 20 acres	\$400.00	<input type="checkbox"/> 1 – 1500 acres	\$400.00	
<input type="checkbox"/> 21 – 200 acres	\$850.00	<input type="checkbox"/> 1501 - 4000 acres	\$850.00	
<input type="checkbox"/> 201 or greater acres	\$2100.00	<input type="checkbox"/> 4001 or greater acres	\$2100.00	
Perennial Fruit		Greenhouse/Specialty Crop		
<input type="checkbox"/> 1 – 5 acres	\$400.00	<input type="checkbox"/> 1 – 12000 sq. ft.	\$400.00	
<input type="checkbox"/> 6 – 40 acres	\$850.00	<input type="checkbox"/> 12001 – 15000 sq. ft.	\$850.00	
<input type="checkbox"/> 41 or greater acres	\$2100.00	<input type="checkbox"/> 15001 or greater sq. ft.	\$2100.00	0

**SCOPE 2: LIVESTOCK**

Check the box that corresponds to the type and number of livestock you are requesting for certification.

Poultry		Dairy		(b) (4)
<input type="checkbox"/> 1 – 1000 head	\$400.00	<input type="checkbox"/> 1 – 100 head	\$400.00	
<input type="checkbox"/> 1001 – 6000 head	\$850.00	<input type="checkbox"/> 101 – 300 head	\$850.00	
<input type="checkbox"/> 6001 or greater head	\$2100.00	<input type="checkbox"/> 301 or greater head	\$2100.00	
Other (Beef cattle, sheep, pigs)				
<input type="checkbox"/> 1 – 250 head	\$400.00			
<input type="checkbox"/> 251 – 500 head	\$850.00			
<input type="checkbox"/> 500 or greater head	Contact CDA			0

**SCOPE 3: PROCESS HANDLING**

If both Single-Ingredient and Multi-Ingredient products are being requested, enter the highest fee of the two.

Single Ingredient Finished Products		Multi-Ingredient Finished Products		
<input type="checkbox"/> 1 – 20 products	\$400.00	<input type="checkbox"/> 1 – 5 products	\$400.00	
<input type="checkbox"/> 21 – 40 products	\$850.00	<input type="checkbox"/> 6 – 15 products	\$850.00	
<input type="checkbox"/> 41 or greater products	\$2100.00	<input type="checkbox"/> 16 or greater products	\$2100.00	
				0

**SCOPE 4: POULTRY AND LIVESTOCK PROCESSING**

Livestock Processing		Poultry Processing		
<input type="checkbox"/> 1 – 300 head	\$400.00	<input type="checkbox"/> 1 – 3000 head	\$400.00	
<input type="checkbox"/> 301 – 500 head	\$850.00	<input type="checkbox"/> 3001 – 9000 head	\$850.00	
<input type="checkbox"/> 501 or greater head	\$2100.00	<input type="checkbox"/> 9001 or greater head	\$2100.00	
				0

**SCOPE 5: WILD CROP**

Wild Crop Harvesting				
<input type="checkbox"/> 1 – 2 sites	\$400.00			
<input type="checkbox"/> 3 – 5 sites	\$850.00			
<input type="checkbox"/> 6 or greater sites	\$2100.00			
				0

**Total Application Fee = Total of Base Fees + Scope Fees**

(b) (4)

Print this form and mail it along with a check made payable to: Colorado Department of Agriculture  
Colorado Department of Agriculture

Division of Plant Industry  
305 Interlocken Parkway  
Broomfield, CO 80021

Fee Schedule





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**Division of Plant Industry**

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**ORGANIC CERTIFICATION PROGRAM  
APPLICATION FEE SCHEDULE CONT'D**

**Application Fee Refund Policy:** The entire application fee can be refunded if an applicant decides to withdraw from the certification process, prior to the on-site inspection. Once the on-site inspection is conducted, the entire application fee becomes non-refundable. In order to obtain a refund, the applicant must inform the Colorado Department of Agriculture in writing that they no longer wish to proceed with the organic certification process and request a refund of their application fee.

**Inspection Fees:** Inspection fees are calculated separately and are determined by hourly rates. In the event of an Unannounced Inspection, an operation will only be charged if the unannounced inspection replaces the required annual inspection.

**Inspection Fee Schedule**

Hourly Rates		Mileage	Per Diem
Inspection Time	\$34/hour	Mileage Rate: \$0.25/mile	Varies by Location
Driving Time	\$34/hour		
Report Write-Up Time	\$34/hour		

**THIS PAGE CAN BE KEPT BY THE APPLICANT**



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**General Requirements & Organic Operator Agreement**

Form: DPI-ORG-GROOA (rev 02/15)

Aurora Organic Farms - Platteville

Mar 15, 2017

Name of Operation

Date

**The following must be signed by the Applicant. By signing this document, the Applicant acknowledges and agrees to:**

1. Fully comply with all applicable organic product and handling regulations in accordance with Title 7 CFR Part 205 National Organic Program Rule issued by the United States Department of Agriculture (USDA), Agricultural Marketing Service.
2. Establish, implement, and update annually an organic production and handling system plan that will be submitted to the Colorado Department of Agriculture (CDA) Organic Program.
3. Supply the CDA Organic Program with all information required to verify compliance with National Organic Program Rule.
4. Permit on-site inspections with complete and unrestricted access to the production and handling operation, including noncertified production and handling areas, structures, and offices by the CDA Organic Program. This inspection may occur with or without an authorized representative of the operation present. These inspections may be announced or unannounced at the discretion of the CDA Organic Program or as required by the Administrator of the National Organic Program.
5. Understanding that the CDA Organic Program may use subcontractors for inspecting, testing, and other technical services, as necessary.
6. Maintain all records applicable to the organic operation for not less than five (5) years beyond their creation.
7. Allow authorized representatives of the CDA Organic Program, of the Secretary of Agriculture (USDA) access to these records under normal business hours for review and copying to determine compliance with the National Organic Program Rule.
8. Submit to the CDA Organic Program the applicable fees as described on the most current fee schedule.
9. Immediately notify the CDA Organic Program about any application, including drift, of a prohibited substance to any field, production unit, site, facility, livestock or part of an operation.
10. Understanding that the use of the CDA name and seal must be in accordance with the Colorado Department of Agriculture's guidelines.
11. Immediately notify the CDA Organic Program of any change in our certified operation or portion of it that may affect its compliance with the National Organic Program Rule.

**I, the owner or legally authorized representative,** acknowledge the above General Requirements for CDA Organic Certification and understand that failure to meet the above requirements may be cause for denial of an application and sanctioning of certification. I attest that all information in this application is true and accurate to the best of my knowledge:

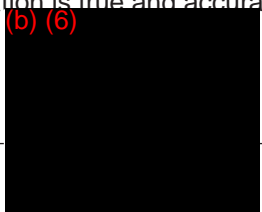
Emily Orr - Organic Compliance Manager

Mar 15, 2017

Name/Title

Signature

Date





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INSPECTOR USE ONLY

Appointment Date:

Appointment Time:

DPI-ORG-OIAF (02/15)

**Organic Certification Program**

**Organic Inspection Appointment Form**  
 (Return form with completed Plan Questionnaire)

Farm/Business Name Aurora Organic Farms - Platteville		Primary Contact's Name: Emily Orr		
Physical Address: 6788 State Highway 66				
City: Platteville		State: CO	Zip Code: 80651	County: Weld
Phone: 303-222-0691	Fax: 720-564-0409	Email: compliance@aodmilk.com		
Best hours to call: 8am - 5pm	Indicate which day(s) of the week are most convenient for an Organic Inspector to visit your operation: Monday - Friday			
Draw a clear map and provide written directions to your farm or business.				
From I-25 turn east on State Highway 66. Dairy entrance on right (south) about 3 1/2 miles east.				



## ORGANIC PLAN RENEWAL SUMMARY STATEMENT

**A Summary Statement must be submitted for all operations seeking continued certification pursuant to §205.406(a)(i).**

**Please provide a summary statement, supported by documentation, detailing any deviations from, changes to, modification to, or other amendments made to the previous year's organic system plan during the previous year.**

The 2017 Platteville Organic System Plan (OSP) submitted to CDA (dated March 15, 2017) described all aspects of this operation. Livestock and crop information for the 2016 Platteville OSP were updated several times during the past year as follows:

1. 6/09/16: Appendix 5, 6, 7 Updated
2. 7/22/16: Tab 2, 3, 4, 5, 6, 7, 8, 10 Updated
3. 8/12/16: Appendix 4, 5, 6, 7, 9, 10 Updated
4. 11/08/16: Appendix 3, 5, 6, 7, 9, 10 Updated
5. 1/16/17: Platteville 2016 Grazing Summary Submitted

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_  
 (CDA use only)



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**ORGANIC CERTIFICATION PROGRAM - ORGANIC SYSTEM PLAN**  
**MODULE 1: GENERAL INFORMATION**

SECTION 1 – GENERAL INFORMATION				
Company/Applicant Name (This will be printed on your certificate): Aurora Organic Farms - Platteville			DBA (If applicable): N/A	
Owner's Name: Aurora Organic Farms	Manager's Name: Mario Lopez		Primary Contact's Name: Emily Orr	
Physical Address: 6788 State Highway 66	City: Platteville	State: CO	Zip Code: 80651	County: Weld
Mailing Address: 1919 14th Street, Suite 300	City: Boulder	State: CO	Zip Code: 80302	County: Boulder
Phone, Business: 720-564-6296	Phone, Cell: (b) (6)		Email Address: compliance@aodmilk.com	
Year first certified: 1999	Previous certifications by other agencies, please list: QAI - Oct '99-May '02		Do you need a copy of the organic standards? No	
For which scope(s) is organic certification (or continuing certification) being sought? Check all that apply. (Please note: ruminant livestock operations must include the crop scope, as pasture must also be certified.)				
<input checked="" type="checkbox"/> Crop	<input checked="" type="checkbox"/> Greenhouse/Specialty	<input checked="" type="checkbox"/> Wild Crop	<input checked="" type="checkbox"/> Livestock, Poultry	
<input checked="" type="checkbox"/> Livestock, Ruminants	<input checked="" type="checkbox"/> Livestock, Other	<input checked="" type="checkbox"/> Process/Handler (including of livestock)		
Which category best describes the operation?				
<input checked="" type="checkbox"/> 100% Organic	<input type="checkbox"/> Organic and Conventional/Non-Organic			
Through what avenues does the operation sell or otherwise market their products? Mark all that apply:				
<input checked="" type="checkbox"/> Wholesale	<input checked="" type="checkbox"/> On-farm retail	<input checked="" type="checkbox"/> CSA/subscription	<input checked="" type="checkbox"/> Contract to buyer	
<input checked="" type="checkbox"/> Farmers markets	<input checked="" type="checkbox"/> Sale to a retail establishment	<input checked="" type="checkbox"/> Bulk commodities to processor	<input checked="" type="checkbox"/> Exporting (where?):	
Other (specify) (b) (4)				
For producers, are organic products purchased from other producers to sell or otherwise distribute? (b) (4) Yes (b) (4) No				
If yes, a Process Handler OSP must be included.				
Please provide a brief description of this operation. Please Tab 5 - OSP Section A - Overview				

Operator Review, Initial, Date:

Inspector Review, Initial, Date:



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**ORGANIC SYSTEM PLAN – GENERAL INFORMATION**

<b>SECTION 2 - PREVIOUS CERTIFICATION</b>		<b>Module 1, Cont'd</b>	
<b>This section must be filled out each year.</b>			
For re-certification, were conditions placed on the previous year's certification? If yes, what were the conditions?	(b) (4) Yes	(b) (4) No	(b) (4) NA
Were all the conditions addressed? If yes, how?	(b) (4) Yes	(b) (4) No	
Has certification ever been denied for this operation? If yes, describe the circumstances:	(b) (4) Yes	(b) (4) No	
Are there any outstanding non-compliances for the operation? If yes, what is the non-compliance?	(b) (4) Yes	(b) (4) No	

<b>SECTION 3 - AFFIRMATION &amp; SIGNATURE</b>	
<p>I affirm that all statements made in this application are true and correct. No prohibited products have been applied to any of my organically managed fields during the three-year period prior to projected harvest. I understand that the operation may be subject to unannounced inspection and/or sampling for residues at any time as deemed appropriate to ensure compliance with the NOP Rules. I understand that acceptance of this form in no way implies granting of certification by the Colorado Department of Agriculture. I agree to follow all the applicable organic standards set forth in the National Organic Program regulation (b) (6) 5.</p>	
Signature of Operator: _____	Date: March 15, 2017
<p>The business is operating as a: <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Limited Liability Co.  <input type="checkbox"/> Other, describe: _____ Date Incorporated: 2010</p>	
<p>List the person(s) authorized to receive and accept service of summons and legal notices of all kinds for the applicant in the state of Colorado.</p>	
Name(s): Brent Cannell	Title: Regulatory Affairs & Technical Lead
<p>Complete Address (if different from operation's address): Aurora Farm CO., LLC, 1919 14th St. STE 300, Boulder, CO 80302</p>	

Company Name:





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**ORGANIC SYSTEM PLAN – GENERAL INFORMATION**

SECTION 4 – ATTACHEMENTS	Module 1, Cont'd		
<p><b>This section must be filled out each year.</b>                      Attachments for the following may be required as supporting documentation. If you have already submitted a particular piece of information, it does not need to be included again unless a change or update has occurred. Please select all documents that have been attached to the OSP for the current year.</p>			
<b>Crop/Plant Production</b>			
(b) (4)	Field maps (with Field ID, buffers/dimensions, adjoining land use, notable structures) Soil/plant tissue tests Seed documentation Non GMO, Nonorganic verification Compost documentation Input (Fertilizers, pesticides, etc.) product labels Input product OMRI or WSDA certificates Labels for product sold by the operation as organic Prior land use affidavits Fees Inspection Appointment Form Other, Please list: <a href="#">See Table of Contents</a>		
<b>Livestock Production</b>			
(b) (4)	Field maps (with pasture/outdoor areas, housing and handling structures, adjoining land use) Water tests Organic certificates for purchased animals Organic certificates for purchased feed Labels for feed supplements and additives Labels for all vaccines and medications/health care products Input product OMRI or WSDA certificates Inspection Appointment Form Fees Other <a href="#">See Table of Contents</a>		
<b>Process Handling</b>			
(b) (4)	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; padding: 5px; vertical-align: top;">                             Process flow chart/narrative                              Pest control product labels/MSDS                              Processing aid labels/MSDS/Spec. sheets                              Boiler additive labels/MSDS                              Natural flavor affidavits                              Supplier certificates                              Application fees                              Other:                         </td> <td style="width: 50%; padding: 5px; vertical-align: top;">                             (b) (4)                              Facility map                              Cleaner/sanitizer labels/MSDS                              Input product OMRI or WSDA certificates                              Water test results                              Nonorganic ingredient verification                              Labels for products produced                              Inspection Appointment Form                         </td> </tr> </table>	Process flow chart/narrative Pest control product labels/MSDS Processing aid labels/MSDS/Spec. sheets Boiler additive labels/MSDS Natural flavor affidavits Supplier certificates Application fees Other:	(b) (4) Facility map Cleaner/sanitizer labels/MSDS Input product OMRI or WSDA certificates Water test results Nonorganic ingredient verification Labels for products produced Inspection Appointment Form
Process flow chart/narrative Pest control product labels/MSDS Processing aid labels/MSDS/Spec. sheets Boiler additive labels/MSDS Natural flavor affidavits Supplier certificates Application fees Other:	(b) (4) Facility map Cleaner/sanitizer labels/MSDS Input product OMRI or WSDA certificates Water test results Nonorganic ingredient verification Labels for products produced Inspection Appointment Form		

Company Name:



**MODULE 2: CROP/PRODUCTS REQUESTED FOR CERTIFICATION**

**CROPS/PRODUCTS REQUESTED FOR CERTIFICATION**

**The crops and/or products being requested for certification must be listed each year.** This is what will be on the operation's certificate. List all products and check the box if you are continuing to grow this crop for the current year, strike through any crops that were listed last year that you will not be growing this year, add any new crops or products to the bottom of the list. It is not necessary to list individual crop varieties (carrots vs. yaya carrots, purple haze carrots, bolero carrots, etc.) unless it is important for you to have them listed on the certificate this way. Please list all forms that you wish to market the crop (example: Oats and Oat Straw). If crops are grown for harvest as well as to market as transplants or seed, please list all of these forms separately and specify the use.

<u>Crop/Product</u>	2017	Last yr. certified	<u>Crop/Product, Cont'd</u>	2017	Last yr. certified	
(b) (4)	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>	2016		<input type="checkbox"/>		
	<input type="checkbox"/>				<input type="checkbox"/>	
		<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>			<input type="checkbox"/>		
	<input type="checkbox"/>			<input type="checkbox"/>		
	<input type="checkbox"/>			<input type="checkbox"/>		
	<input type="checkbox"/>			<input type="checkbox"/>		
	<input type="checkbox"/>			<input type="checkbox"/>		
	<input type="checkbox"/>			<input type="checkbox"/>		
	<input type="checkbox"/>			<input type="checkbox"/>		
	<input type="checkbox"/>			<input type="checkbox"/>		

Operator Review, Initial and Date:

CDA Inspector Initial and Date:

Company Name:









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See Tab 5 OSP Section D Origin of Livestock

**Livestock Production - Organic System Plan**  
**MODULE 60: Operation Profile**

**Operation Profile**

In the table below, please enter the requested information. Depending on the operation, numbers of animals should reflect the maximum number during a season or the average number to give the best understanding of the operation. A production group or class is a group of animals managed separately based on age, sex, diet, reproductive stage, etc. Production groups listed here should be the same throughout this OSP.

Type and Breed of Livestock	Total # of animals	# of Females	# of Males	# of Nonorganic Breeding Stock	# of Organic Animals Eligible for Slaughter (managed organically from last third of gestation)	Classes or Production Groups (if applicable)	Products for Organic Certification (Dairy, Meat, Fiber, Live Animals, etc.)

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:  
 F-E-409  
 2/29/2016



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**MODULE 60: Operation Profile Cont'd**

**1. Describe the flow of animals through the operation during a given year. This can be done in a narrative form below or in a flow chart(s) or diagram(s). Include and explain major aspects of the operation.**

Refer to OSP Section D "Origin of Livestock" and Appendix 3: Flow Charts & Diagrams.

**2. A map or diagram of the operation must be submitted. This should include all relevant aspects of the operation including pasture areas, housing/shelter structures, yards, feed pads, manure storage, etc.**

**3. Does any custom grazing or boarding of animals owned by the operation ever take place at locations not owned or managed by this operation? Please explain.** (b) (4) N/A

**4. Does the operation maintain any other types of certifications? If yes, please list**

(b) (4)

(b) (4) Yes (b) (4) No

**5. NOP Rule 205.236(c) requires that a producer of an organic livestock operation maintain records sufficient to preserve the individual identity of all organically managed animals. Please describe the animal identification system used at this operation.**

Refer to OSP, Section D "Origin of Livestock" for Animal ID system

**6. If an animal needs to be treated with prohibited materials, how are they identified and/or kept segregated?**

See Tab 5 OSP Section F Livestock Health Care Practice Standards

*Please Note: A list of individual animals must be maintained by the operation. This list must include the following for each animal: Animal ID, breed (if multiple breeds), date of birth or date of purchase, date placed under organic management, notations regarding any medical treatments including antibiotics or prohibited materials, any event and reason of animal leaving the operation. This list will be verified at inspection.*

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:





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**Livestock Production – Organic System Plan**  
**MODULE 61: Origin of Livestock**

**NOP Rule 205.236 requires that livestock products that are to be sold, labeled or represented as organic must be from livestock under continuous organic management from the last third of gestation *except* that milk or milk products from a herd must be from animals that have been under continuous organic management for at least one year prior to production of organic products. Once an entire distinct herd (dairy) has been converted to organic production, all dairy animals shall be under organic management from the last third of gestation.**

1. Are dairy animals raised at this operation? (b) (4) on. (b) (4) es (b) (4) No

a) If yes, is a dairy herd currently being transitioned to organic management? (b) (4) Yes (b) (4) No

i) If yes, list the date conversion began (b) (4)

2. How does this operation obtain replacement or additional animals?

(b) (4) Organic animals (organically managed from the last third of gestation) are purchased.

(b) (4) Nonorganic animals are purchased and transitioned to organic (only allowed for *new* applicants of dairy animals transitioning an entire herd. Animals must be under continuous organic management for at least one year prior to marketing products as organic.)

(b) (4) Nonorganic breeder stock are obtained to raise offspring organically from the last third of gestation (does not apply to dry operations).

(b) (4) Replacement animals are bred and born on this operation and managed organically from the last third of gestation or sooner.

(b) (4) Other, explain: AOF Internal Transfer, See OSP Section D "Origin of Livestock"

**Please complete the table below for any animals purchased since the last OSP update**

Type/Class of Livestock Purchased	Number of head purchased	Date of Purchase	Source (name and address of seller)	Certified? If yes, list certifier	Last third of gestation animal?
			Refer to OSP Section D "Origin of Livestock" and Appendix 7: Supplier List and Certificates.		

Operator Review, Initial and Date: \_\_\_\_\_ Inspector Review, Initial and Date: \_\_\_\_\_

Company Name: \_\_\_\_\_





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**Livestock Production – Organic System Plan**  
**MODULE 62: Nonorganic Livestock Production**

**Non-Organic Livestock Production**

**(b) (4) No Nonorganic Livestock Production occurs on this operation. All livestock on this operation are Organic.**  
**Skip to Module 63: Feed and Pasture**

1. Which types of Livestock are being raised nonorganically on this operation:

2. Does the operation raise the same types of Livestock organically and nonorganically?

**(b) (4)**

Yes

**(b) (4)**

No

a) If yes, please list the types of livestock raised both organically and nonorganically:

b) If yes, how are nonorganic and organic livestock kept separate and distinguishable?

3. How are organic feeds and healthcare products kept separate and distinguishable from nonorganic?

4. How are organic and nonorganic products kept separate and distinguishable during harvest/collection, processing, and packaging?

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



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**Livestock Production – Organic System Plan**  
**MODULE 63: Feed and Water**

**FEED**

**Section 1**

**NOP Rule 205.237 requires the producer of an organic livestock operation to provide a total feed ration composed of agricultural products, including pasture and forage, that are organically produced and handled by operations certified to the NOP except that synthetic substances listed in 205.603 and nonsynthetic substances not prohibited in 205.604 may be used as feed additives and supplements. All agricultural ingredients for such additives and supplements must have been produced and handled organically. Using animal drugs, including hormones and antibiotics, to promote growth is prohibited, as is providing feed supplements or additives in amounts above those needed for adequate nutrition and health maintenance. Feeding of plastic pellets for roughage, formulas containing urea or manure, and feeding of mammalian or poultry by-products are prohibited.**

1. Does this operation grow crops for livestock feed (other than pasture)?  Yes  No

If yes, what types of feed crops does this operation grow (other than pasture)?

See OSP Section I: Crop Farm Plan

2. Are fodder sprouts (sprouted grain) grown as livestock feed?  Yes  No

If yes, please describe the system for growing fodder sprouts.

(b) (4)

3. Are young stock (under 6 months) raised at this operation?  Yes  No

If yes, please indicate by what means young stock are fed, by checking all applicable boxes below.

- Raised on/with mother or nurse animal
- Organic milk from organic on-farm animals
- Purchased organic milk
- Milk replacer
- Organic forage
- Organic grains
- Other, list: See Appendix 6: Feed Rations & Supplements

4. Is feed purchased?  Yes  No  
If yes, please enter all feed purchased in Module 44: Feed and Feed Supplement List

5. Is any organic feed processed (mixed, ground, roasted, extruded, etc) at this operation?  Yes  No  
(If yes, a Process Handler OSP must be submitted.)

If yes, is equipment used to process organic feed also used for nonorganic feed?  Yes  No

If yes, how does the operation ensure there is no contamination from nonorganic products?

6. What is the operation's plan for emergency feed supplies?

(b) (4)

7. Is the feed ration provided at this operation sufficient to meet nutritional requirements of each type of livestock and stage of growth, including vitamins, minerals, protein and/or amino acids, fatty acids, energy sources and fiber?

Yes  No

Operator Review, Initial and Date:

Inspector Review, Initial and Date:





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Please see OSP Section L "Crop & Feed Production and Protection"

**Livestock Production – Organic System Plan  
 MODULE 63: Feed and Water**

**FEED Cont'd** **Section 1 Cont'd**

8. Please indicate where and how feed is stored in the table below.

Storage Name or ID	Type of Feed Stored	Type of Storage	Capacity	Dedicated Organic?

9. Is any feed stored at locations other than this operation after purchase? (b) Yes (b) No  
 If yes, please submit a Storage Facility Affidavit. (4) (4)

10. Are any pest control methods used in feed storage areas? (b) Yes (b) No  
 If yes, please list in Module 17: Cleaning, Sanitizing and Po (4) (4) arvest Inputs.

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:













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**Livestock Production – Organic System Plan**  
**MODULE 66: Ruminant Livestock Feed and Pasture**

**Dry Matter Demand and Dry Matter Intake**

**Section 1**

(b)  
(4) **No ruminant animals/animal products are being requested for certification at this operation. Instead, fill out Module 65: Non-ruminant Livestock Feed.**

**1. Please complete the table below regarding Dry Matter Demand. An operation may submit their own documents as long as they contain all of the requested information. See Appendix 6 Feed Rations & Supplements**

Production Group/Class	Approximate average animal weight (lbs.)	Dry Matter Demand (lbs.per animal/day)

**2. How are the Dry Matter Demand values, listed above, determined?**

See Appendix 8: Pasture & Grazing Plan

**3. How is Dry Matter Intake determined at this operation?**

See Appendix 8: Pasture & Grazing Plan

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



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**MODULE 66: Ruminant Livestock Feed and Pasture cont'd**

**FEED RATIOS**

**Section 2**

During the grazing season, producers must provide an average of no less than 30% of a ruminant animal's dry matter intake from grazing. The grazing season is defined as the period of time when pasture is available for grazing given climate factors, natural precipitation or irrigation. The grazing season must be at least 120 days per year; however, these days do not need to be continuous.

1. Describe feed ratios during the grazing season by each animal class or production group in the table below. Include DMI from grazing, all other feed and feed supplements. This information can be submitted on your own forms as long as all requested information is included.

N/A. All animals' total ration is 100% pasture during the grazing season and the grazing season is at least 120 days. Skip to "Non Grazing Season Feed Ratios" on page 3 of this module.

**GRAZING SEASON FEED RATIOS**

Class or Production Group	Feed Type or Ration Component	Amount (per animal per day)
See Appendix 6: Feed Ratios & Supplements		

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Inspector Review, Initial and Date:

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**MODULE 66: Ruminant Livestock Feed and Pasture Cont'd**

**FEED RATIONS Cont'd** **Section 2 Cont'd**

**2. Describe feed rations during the Non-Grazing Season by each animal class or production group in the table below. Include feed supplements. The non-grazing season must not be longer than 245 days. This information can be submitted on your own forms as long as all requested information is included.**

**(b) (4) N/A. Ruminant Livestock are not part of this operation during the non-grazing season. Skip to Section 3 of this module.**

**NON GRAZING SEASON FEED RATIONS**

Class or Production Group	Feed Type or Ration Component	Amount (per animal per day)
See Appendix 6: Feed Rations & Supplements		

Operator Review, Initial and Date: \_\_\_\_\_ Inspector Review, Initial and Date: \_\_\_\_\_





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See Tab 5: OSP Section K "Crop Management" & Tab 7: Field Input History

**MODULE 66: Ruminant Livestock Feed and Pasture Cont'd**

**PASTURE AND GRAZING** **Section 3**

Per NOP Rule 205.240 Pasture and rangeland must be managed as a crop in compliance with NOP organic crop standards. A pasture plan (this module or the producer's own documents, provided they address all of the requirements of 205.240(c)1 - 8) must be updated annually.

1. From the Crop OSP, please list and describe the management of the fields that are used as pasture to graze animals, in the table below.

Pasture or Rangeland ID/Name	Acres	Pasture make-up/composition (perennial species, annual species, native pasture, rangeland, crop residue, etc.)	Irrigated? If yes, list type	Grazing Methods (Rotational, Continuous, Intensive, etc.)
<b>Total Acres Available for Grazing</b>	0			

2. Describe the grazing season of this operation including the approximate start and end dates and conditions that determine the grazing period.  
 See Appendix 8: Pasture & Grazing Plan

3. During the grazing season, how many hours per day are animals on pasture? If this is different between classes or production groups, please list the number of hours for each group.  
 See Appendix 8: Pasture & Grazing Plan

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**MODULE 66: Ruminant Livestock Feed and Pasture Cont'd**

**PASTURE AND GRAZING Cont'd** **Section 3 Cont'd**

**4. How does the operation ensure all animals are grazing a minimum of 120 days per year?**

See Appendix 8: Pasture & Grazing Plan

**5. How is it determined that animals are receiving no less than an average of 30% of their dry matter demand from pasture during the grazing season?**

See Appendix 8: Pasture & Grazing Plan

**6. Is pasture access ever denied to animals during the grazing season?  
If yes, for what specific reasons is pasture denied and for how long is pasture denied?**

See Tab 5: OSP section G livestock living conditions  
See Appendix 8: Pasture & Grazing Plan

**7. How is the denial of pasture access documented?**

See Tab 6 Maps & Diagrams  
See Appendix 8: Pasture & Grazing Plan

**8. How is it ensured that enough pasture of sufficient quality is available to supply 30% of animals' dry matter intake requirements during the grazing season? Check all that apply.**

- Rotational grazing
- Resting periods
- Forage testing
- Other, describe: See Appendix 8: Pasture & Grazing Plan
- Periodic pasture reseeding
- Appropriate stocking densities
- Fertilizing
- Irrigation
- Maintaining appropriate forage heights
- Weed control

**9. How do pasture management practices of this operation minimize the outbreak and spread of disease and parasites?**

See Appendix 10: Master Sanitation Procedures

**10. Are ruminants finished for slaughter at this location?**  Yes  No

**a) If yes, are these livestock grazed during the finish period?**  es  No

**b) If no, how long is the finishing period?**

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**Livestock Production – Organic System Plan**  
**MODULE 67: Health Care**

**HEALTH CARE, GENERAL** **Section 1**

Per NOP Rule 205.238, producers must establish and maintain preventative livestock health care practices. When preventative practices and veterinary biologics are inadequate to prevent sickness, a producer may administer synthetic medications, provided that such medications are allowed under 205.603. Medical treatment must not be withheld from a sick animal in an effort to preserve its organic status. Livestock treated with a prohibited substance must be clearly identified and shall not be sold, labeled, or represented as organically produced.

**1. What are the general components of the operation's livestock health care plan? Check all that apply.**

(b) Selection of well adapted species (4) Good quality feed Access to the outdoors Low stress handling Quarantine/isolation of sick animals Allowed health materials/products	(b) Selective breeding (4) Nutritional supplements Dry bedding Good sanitation Administration of vaccines/other biologics Other(s): <u>OSP Section C: Animal Welfare Program</u> , +	(b) Raising own replacement stock (4) Multi species grazing Good ventilation in housing Biological control of pests, parasites
--	---	---

**2. Describe how indoor and outdoor stocking densities allow for exercise and freedom of movement?**  
 See Tab 5 OSP: Section G Livestock Living Conditions

**3. Describe how the physical set up of the operation allows for freedom of movement, exercise and reduction of stress?**  
 See Tab 5 OSP: Section G Livestock Living Conditions

**PHYSICAL ALTERATIONS** **Section 2**

NOP Rule 205.238 permits the physical alteration of livestock as needed to promote the animal's welfare providing it is in a manner that minimizes pain and stress.

**1. In the table below, describe any physical alterations performed on animals. Include ear tagging, ear notching, branding, castration, dehorn**

Physical Alteration	See OSP Section F: Livestock Health Care Practices Standards; and Appendix 4: Livestock Management		

**2. How do practices ensure that pain and stress associated with physical alterations is minimized? Check all that apply.**

(b) Handling time is minimized (4) Separation time from the group is minimized Other, describe: <u>See Appendix 4: Livestock Management</u>	(b) Pain killers or anesthetics are used (4) Clean equipment/tools are used	(b) squeeze chutes are used (4)
---	--	------------------------------------

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See OSP Section F: Livestock Health Care Practice Standards and Appendix 4: Livestock Management      **MODULE 67: Health Care Cont'd**

**PREVENTION AND TREATMENT** **Section 3**

**1. An effective Health Care Program should anticipate potential health or disease issues and have a plan for the prevention and treatment of these issues. In the table below describe health problems and diseases livestock have had, are having or might have. A few issues have been indicated, but you must include the other specific problems or potential problems at your operation.**

Health Problem/Disease	Preventative Practices	Treatment or Control ( <i>general – please list specific materials &amp; products in Module 68</i> )
<b>External Parasites</b>		
Flies		
<b>Internal Parasites</b>		
<b>Predators, specify:</b>		

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**MODULE 67: Health Care Cont'd**

**Prevention and Treatment Cont'd**

**Section 3 Cont'd**

2. Are synthetic parasiticides used on this operation? (b) (4) Yes (b) (4) No

*Please note, synthetic parasiticides are prohibited in slaughter stock, but allowed for emergency treatment in dairy and breeder stock when preventative management does not prevent infestation. Dairy products from a treated animal cannot be labeled or sold as organic for 90 days following treatment. In breeder stock, treatment cannot occur during the last third of gestation if the progeny will be sold as*

(b) (4)

3. If an animal is treated with a prohibited material, what happens to the animal after treatment? How is it ensured that products from the animal are prevented from entering the organic market?

See OSP Section F: Livestock Health Care Practice Standards and Appendix 4: Livestock Management

4. How is effectiveness of the health care program monitored?

- (b) (4) Visual observation
- (b) (4) Body condition scoring
- (b) (4) Production analysis
- (b) (4) Testing for disease
- (b) (4) Fecal monitoring
- (b) (4) Other, list:

See OSP Section E: Livestock Health

5. What is average percentage of death or loss on this operation?

See Appendix 3 Flow Charts & Diagrams "Dairy Livestock Flow Diagram"

6. What is the name and contact information for the operation's veterinarian?

(b) (4)

7. Does the operation utilize other off-farm specialists (e.g. nutritionists)? If yes, please list.

(b) (4)

*All healthcare materials/products intended for use on the operation must be listed in Module 68: Health Care Materials List including vaccinations and synthetic medications. When determining the acceptability of a synthetic health care product, please refer to NOP Rule 205.603 – "Synthetic substances allowed for use in organic livestock production." Special attention should be taken of withdrawal periods. All Health Care materials and products must be approved by CDA prior to use.*

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**Livestock Organic System Plan**  
**MODULE 68: Health Care Materials**

[See Appendix 5: Herd Health Materials](#)

**Health Care Materials**

**NOP Rule 205.238(b) states that when preventative practices and veterinary biologics are inadequate to prevent sickness, a producer may administer synthetic medications: *Provided*, that, such medications are allowed under 205.603. Please note: parasiticides allowed under 205.603 may be used on dairy stock only with a minimum of 90 days prior to production of milk/milk products that are to be sold, labeled or represented as organic. And only allowed in breeder stock prior to the last third of gestation, but not during lactation for progeny that are to be sold, labeled or represented as organically produced. In the table below, please list all health care materials administered or planned to be administered to livestock in the event of sickness. Product labels and/or certificates need to be submitted for all materials**

Product Name	Source/Supplier or Manufacturer	Reason for Use	Frequency/ Duration	Milk or Meat Withholding Period (205.603)	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

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**Livestock Organic System Plan**  
**MODULE 68: Health Care Materials List Cont'd**

Product Name	Source/Supplier or Manufacturer	Reason for Use	Frequency/ Duration	Milk or Meat Withholding Period (205.603)	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

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See OSP Section G: Livestock Living Conditions & Appendix 7: Organic Supplier List  
**Livestock Production – Organic System Plan**  
**MODULE 69: Living Conditions**

<b>Housing and Shelter</b>		<b>Section 1</b>
<p>Per NOP Rule 205.239, The producer of an organic livestock operation must establish and maintain year-round livestock living conditions which accommodate the health and natural behavior of animals. This includes, year-round access for all animals to the outdoors, shade, shelter, exercise areas, fresh air, clean water for drinking, and direct sunlight; suitable to the species, stage of life, climate and environment. Yards, feeding pads and feedlots may be used to provide ruminants with outdoor access during the non-grazing season and supplemental feeding during the grazing season provided that yards, feeding pads, and feed lots are large enough to allow all livestock occupying the space to feed simultaneously without crowding and without competition for food. Continuous total confinement indoors, or in yards, feeding pads or feed lots is prohibited. Maps of the operation should include the location of animal housing and shelter as well as yards, feeding pads, feedlots, etc.</p>		
<p>1. In the table below please describe the types of housing and shelter available for livestock.</p>		
Shelter Type	Size (sq. ft.)	Production Group, Class or Age
<p>2. Are agricultural products (hay, straw, hulls, stalks, etc.) used as bedding? <span style="float: right;">(b) (4) Yes      (b) (4) No</span>                      If agricultural products are used for bedding they must be from certified organic source</p>		
<p>3. For any <u>agricultural products used as bedding</u>, list the supplier and the supplier's certifier below. <span style="float: right;">(b) (4) N/A</span>                      See Appendix 7 Organic Supplier List and Certificates</p>		
<b>Material</b>	<b>Source</b>	<b>Certifier</b>

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**MODULE 69: Living Conditions Cont'd**

**HOUSING AND SHELTER Cont'd** **Section 1 Cont'd**

**4. How often is housing cleaned out?**

See OSP Section G: Livestock Living Conditions

**5. How is housing cleaned?**

See OSP Section G: Livestock Living Conditions

**6. Are any sanitation or cleaning products used in the cleaning of housing?**

(b) (4) Yes

(b) (4) No

If yes, please list in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs

**7. Are any fumigants or other pest control methods used in and around housing structures?**

(b) (4) Yes

(b) (4) No

If yes, please list in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs

**8. What sources of light are used in animal housing?**

(b) (4)

[Redacted]

**9. Is day length regulated using artificial light?**

(b) (4) Yes

(b) (4) No

If yes, please describe practices.

See OSP Section G: Livestock Living Conditions

**10. Describe the locations of any treated wood that animals could come into contact with.**

See Appendix 2: Organic Best Management Practices

**OUTDOOR ACCESS** **Section 2**

**1. What outdoor areas, other than pasture, do animals have access to?**

(b) (4) N/A

See OSP Section G: Livestock Living Conditions

**2. Are the areas listed above large enough such that all animals can feed simultaneously without crowding?**

(b) (4) Yes

(b) (4) No

(b) (4) N/A

**3. Within the outdoor areas listed above, do animals have access to shade?**

(b) (4) Yes

(b) (4) No

(b) (4) N/A

**4. Within the outdoor areas listed above, do animals have access to clean water for drinking?**

(b) (4) Yes

(b) (4) No

(b) (4) N/A

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**MODULE 69: Living Conditions Cont'd**

**OUTDOOR ACCESS Cont'd** **Section 2 Cont'd**

5. Are outdoor areas well-drained and managed to prevent runoff of wastes? (b)(4) Yes (b)(4) No (b)(4) N/A

6. How often is waste removed from outdoor areas? (b)(4) N/A

See OSP Section G: Livestock Living Conditions

7. At what age do animals have access to the outdoors?

(b)(4)

8. For how many hours per day do animals have access to the outdoors (combine time on pasture with other outdoor areas)? If this is different depending on class or production group, please specify time outdoors by group.

See OSP Section G: Livestock Living Conditions

9. Are animals subject to temporary confinement? (b)(4) Yes (b)(4) No

If yes, please list the reason for and duration of temporary confinement below.

See OSP Section G: Livestock Living Conditions

Reason for Confinement	Duration of Confinement

10. How are periods of confinement documented?

See Appendix 8: Pasture Grazing Plan

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**Module 69 - Living Conditions Cont'd**

**MANURE MANAGEMENT**

**Section 3**

**NOP rule 205.239 requires manure be managed in a way to prevent runoff of wastes and contamination of crops, soil and water by nutrients, heavy metals or pathogenic organisms. Manure management should optimize the recycling of nutrients.**

1. What is the estimated quantity of manure generated per year at this operation?

See OSP Section G: Livestock Living Conditions

2. Describe how manure is collected, stored and used at this operation.

OSP Section G: Livestock Living Conditions  
Tab 7: Field Input History  
Appendix 4: Livestock Management

3. Describe, specifically, how manure management practices prevent runoff of wastes and contamination of crops, soil and water.

See OSP Section G: Livestock Living Conditions

4. Are any additives applied to manure (lime, inoculants, preservatives, microbial digesters)?  
If yes, please list them in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs.

(b) (4) Yes (b) (4) No

5. If manure is composted, please describe the methods by which it is composted.

(b) (4) N/A

See Appendix 4: livestock management

6. If manure is spread on fields at this operation, describe the practice, including the months applied and rate of application.

(b) (4) /A

OSP Section G: Livestock Living Conditions

7. If manure is spread on fields at this operation, how many acres are available for manure application?

(b) (4) N/A

(b) (4) See Tab 7 Field Input History & Expected Production.

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**Livestock Production – Organic System Plan  
 MODULE 70: Milk Handling**

**MILK HANDLING** **Section 1**

(b) (4) Milking of dairy animals does not occur at this operation. Skip to Module 71.

1. Flow diagrams or maps of the milk handling portion of the operation must be submitted and should reflect animals' movement from pasture or housing through any holding pens to the area where they are milked and their exit back to pasture or housing. The location of any relevant equipment and machinery used in the milking process as well as storage areas should be indicated.

2. Describe the milk handling system(s) used at this operation (tie stall, parlor, etc.).  
 See OSP Section H: Livestock and Dairy Production Practices

3. How is the operation licensed?  
 (b) (4) Grade A      (b) (4) Grade B      (b) (4) Other

4. How many times a day are animals milked and at what approximate times of the day?  
 See OSP Section H: Livestock and Dairy Production Practices

5. Is milk tested for somatic cell counts?      (b) (4) Yes      (b) (4) No

6. In the table below, report production rates and somatic cell counts for the last six days of milking.  
 See OSP Section H: Livestock and Dairy Production Practices

Date	Total number of animals milked	Somatic Cell Count	Total pounds of milk produced

7. Describe methods for cleaning milking equipment and storage tanks, including frequency.  
 See Appendix 10: Master Sanitation Procedures

8. Are cleaners, detergents, and sanitizers used to clean milking equipment and storage tanks?      (b) (4) Yes      (b) (4) No  
 Please list these in Module 17: Cleaning, Sanitizing and Post-Harvest Inputs.

9. Are products used to clean animals prior to milking?      (b) (4) Yes      (b) (4) No  
 Please list these in Module 68: Health Care Materials.

*\*If raw milk is processed (including pasteurization) into other products, a Process Handler OSP must be submitted.  
 \*If organic dairy cows are ever offered as organic slaughter stock, you must also complete Module 71: Transportation and Slaughter*

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**Livestock Production – Organic System Plan  
Module 71: Slaughter and Transportation**

**SLAUGHTER AND TRANSPORTATION**

(b) (4) No animals at this operation are requested for certification as slaughter stock. Skip to Module 72

\*Please note, If animals are slaughtered on this operation, a Process Handler OSP must be submitted.

1. Have all animals requested for organic slaughter stock been under organic management since the last third of gestation?

(b) (4) Yes (b) (4) No

2. Where are animals slaughtered?

(b) (4) Not slaughtered (b) (4) Slaughtered on-farm (b) (4) Slaughter/Processing facility  
(b) (4)

3 List the name, address and contact information of the facility that slaughters your livestock. (b) (4) N/A

4. Is the facility listed above certified organic? (b) (4) Yes (b) (4) No  
List the certifier of the facility:

5. Who is responsible for transporting or arranging for transportation of animals?

(b) (4) The seller/this operation (b) (4) The final buyer (b) (4) Third party

6. How are animals transported to the slaughter facility? In what type of vehicle?

(b) (4)

7. Are organic animals transported with nonorganic animals (b) (4) Yes (b) (4) No  
If yes, how are organic and nonorganic animals kept distinguished? (b) (4)

If yes, how is it ensured that no prohibited materials or nonorganic feed are used for organic animals?

8. How long does transportation to the slaughter facility typically take?

(b) (4)

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**Module 71: Slaughter and Transportation Cont'd**

**SLAUGHTER AND TRANSPORT Cont'd**

(b) (4)

(b) (4)

(b) (4)

10. Are animals provided with water during transport?

(b) (4)

Yes

(b) (4)

No

11. Describe how animal stress and injury are minimized during transport

(b) (4)

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**Livestock Production – Organic System Plan  
Module 72: Marketing and Recordkeeping**

**MARKETING**

**Section 1**

How are livestock products sold? Check all that apply  
(b) In retail packaging (b) Bulk/wholesale to processor (b) As live animals  
(4) CSA/Subscription (4) On farm retail (4) Other, Specify: (b) (4)

2. Is the USDA organic seal used on livestock product packaging? (b) Yes (b) No  
(4) (4)

3. Is the Colorado Department of Agriculture identified as the organic certifier of the product on product packaging?  
(b) Yes (b) No  
(4) (4)

4. Is the Colorado Organic logo/seal used on product packaging? (b) Yes (b) No  
(4) (4)

*\*Please submit examples/copies of any labels applied to product packaging*

**RECORDKEEPING**

**Section 2**

The NOP Rule requires that records disclose all activities and transactions of the operation, be maintained for at least 5 years and demonstrate compliance with the Rule. Organic products must be able to be traced back to the location where they were produced. All records must be available to view and/or copy.

1. What types of records are kept for organic livestock production? Check all that apply.

- (b) Documentation of purchased animals
- (4) Animal ID lists
- Cull and/or death records
- Breeding records
- Pasture Access
- Periods of animal confinement
- Purchased feed, including organic certificates
- Feed supplements
- Feed rations
- Feed labels
- Feed storage
- Animal health
- Medical treatments
- Somatic cell/plate counts
- Milk production
- Slaughter records
- Sales
- Shipping and transportation
- Product quality test results

2. Are records maintained for at least 5 years? (b) Yes (b) No  
(4) (4)  
If no, please explain.

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Please see Tab 5 OSP Section A Overview & Tab 7 Field Input History

**MODULE 3: FIELDS AND ELIGIBILITY**

**FIELDS AND ELIGIBILITY**

Please complete or review the following information about this operation. Include all land including conventional, transitional, and organic fields. The NOP Rule requires that to be eligible for certification, a site producing crops intended to be sold, labeled or represented as organic must have had no prohibited substances applied for at least 36 months preceding harvest of the crop. Transitional means that a field is being managed in accordance with the organic standards, but has not yet met the standard for 36 months without use of a prohibited product. **If a field being used for organic production has not been managed by the operator for 3 or more years, a Previous Land Use Affidavit from the previous land manager must be attached.** The Field Identifications and acreages must be the same as what is listed on maps and the Crop and Input Information section. For new fields, please be sure to complete the column "New to operation...?"

Field ID/name/ number	Address/legal description (if different from main operation address)	List acreage and whether Organic, Transitional, Conventional			Rent or Own	Date management began	Last date prohibited substance applied & material	Date eligible for organic (CDA to enter)	New to Operation since last OSP update? (Yes or No)	*Operator - note change, addition or deletion. Date and initial in parenthesis.
		O	T	C						
<b>Total this page</b>		0	0	0						

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Please see Tab 5 OSP Section K Crop Management & Tab 7 Field Input History

**MODULE 4: FIELD HISTORY-CROPS AND INPUTS**

**FIELD HISTORY – CROPS AND INPUTS**

The planned information for each field, as well as each hoop house where crops are grown in the ground, must be filled in each year. For fields not previously included in the OSP, one of the following must be provided: 1) A Prior Land Use Affidavit from the previous land manager, 2) three years of previous field history, 3) the last date a prohibited substance was applied. Include all ORGANIC (O) AND TRANSITIONAL (T) fields (it is not necessary to list conventional fields unless they have begun transition to organic) under the care and control of the operation. Transitional means that a field is being managed in accordance with the organic standards, but has not yet met the standard for 36 months without use of a prohibited product. The Field ID and acreage should correspond with what is listed on maps and the “Fields and Eligibility” module.

FIELD ID:		ACRES:				
Year	O, T or C	Fertility Inputs	Pest & Disease Inputs	Crop(s)	Acre/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

FIELD ID:		ACRES:				
Year	O, T or C	Fertility Inputs	Pest & Disease Inputs	Crop(s)	Acre/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acre/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

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**FIELD HISTORY – CROPS AND INPUTS CONT'D** **Module 4**

FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

FIELD ID:		ACRES:				
Year	O, T, or C	Fertility Inputs	Pest, Disease Inputs	Crop(s)	Acres/ft <sup>2</sup> per crop	Projected Yield
2016						
2015						
2014						
2013						

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Please see Tab 5 OSP Section L Crop & Feed Production & Protection

**MODULE 5: BUFFERS AND ADJOINING LAND USE**

& Tab 6 Maps & Diagrams

**BUFFERS AND ADJOINING LAND USE**

**ADJOINING LAND USE:** The NOP Rule requires organic production areas to have distinct boundaries and buffer zones to prevent the unintended application of a prohibited substance or contact with a prohibited substance (including cross pollination from GMO crops) applied to adjoining land not under organic management. Adjoining land includes cropland, pasture, residential property, fallow land, etc. Though the NOP does not specify a minimum buffer size requirement, it is required that the buffer must be sufficient in size or other features to prevent unintended contact by prohibited substances. If the buffer consists of crops, these crops must be left unharvested or if harvested, must be harvested and sold (represented) as NON-organic. Field maps must indicate buffer zones (widths and make-up: road, field road, trees, etc.) and show all adjoining land uses (organic cropland, conventional cropland, un-sprayed fallow or pasture, residential, etc.).

List Specific buffers for all organic and transitional fields. Multiple fields/field IDs can be listed in one row, if those fields are contiguous within a block. If individual fields are all organic and contiguous, list the Field ID as "entire farm" and enter buffer information.

Field ID(s)		Type of Buffer	Width of Buffer	Adjoining Land Use (include whether conventional, organic or untreated)
	North			
	South			
	East			
	West			
	North			
	South			
	East			
	West			
	North			
	South			
	East			
	West			
	North			
	South			
	East			
	West			

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**BUFFERS AND ADJOINING LAND USE Cont'd** **Module 5 Cont'd**

**1. What safeguards are used to prevent accidental contamination of organic crops/cropland?**

a. Written notification to:

- (b) Highway Departments      (b) Electric Companies      (b) Oil and Gas Companies
- (4) Aerial Spray Companies      (4) Adjoining Landowners/Neighbors      (4)
- (4) Farm Service Offices      Other, please specify:

b. Other safeguards:

- (b) Posting signs regarding organic status      (b) Registration with DriftWatch (<https://driftwatch.org/>)
- (4) Delayed Planting (GMO contamination)      (4) Ongoing monitoring of neighboring management practices
- (4) Other, please specify:

**2. How do you monitor for crop contamination?**

- (b) Visual Observation      (b) Residue Analysis      (b) GMO Testing
- (4) Photographs      (4) Wind Speed/Direction      (4) Other (Specify):

**3. How often do you monitor for crop contamination?**

- (b) Weekly      (b) Monthly      (b) Annually
- (4) As needed      (4) Other (Specify): See Tab 5 OSP Section K Crop Management

**4. Are crops harvested from buffer zones?**

- (b) Yes      (b) No
- (4)      (4)

If yes, how are these crops managed to prevent commingling or contamination during harvest and post-harvest?  
See Tab 5 OSP Section K Crop Management

**NOP Rule 205.206(f) states that lumber treated with arsenate or other prohibited substances may not be used for new installations or replacement purposes where it comes in contact with soil or crops.**

**5. Has any lumber been used that has been treated with arsenate or other prohibited substances?**

- (b) Yes      (b) No
- (4)      (4)

If yes, please describe what type of structure(s) (greenhouses, fence posts, other building or construction), where the installation is on the farm, how far between the installation and where organic crops are grown, and if any measures have been taken to prevent direct or indirect contact of the treated wood with the soil:

(b) (4)

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**MODULE 6: GREENHOUSES AND HOOP HOUSES/HIGH TUNNELS**

**GREENHOUSES AND HOOP HOUSES/HIGH TUNNELS**

For the purposes of this application, the terms hoop house and high tunnel are considered to have equal meanings and describe structures at least 6 feet high that are generally unheated and have no electrical climate controls. Typically, crops are grown in the ground in hoop houses. Conversely, the term greenhouse normally describes a heated structure where crops are grown on benches or tables. However, it is recognized that these terms exist on a continuum. Please note, lumber treated with arsenate or other prohibited substances may not be used for *new installations or replacement purposes* where it comes in contact with soil or crops.

**No greenhouses or hoop houses used for this operation. Skip to Module 7 – Seeds, Seedlings, and Planting Stock**

1. Are seedlings grown on-farm? (b)(4) Yes (b)(4) No
2. Are seedlings used only on-farm, sold, or both? (b)(4) On farm use only (b)(4) For sale only (b)(4) Seedlings are grown for both on-farm use and sale
3. Are any crops produced in the ground in hoop houses/greenhouses? (b)(4) Yes (b)(4) No

**Please complete the following information for each structure:**

ID/Name	Organic, Conventional, Both	Dimension & size (sf)	Heated?	Crops grown in ground?	Seedlings grown?	Treated wood?	Description of structure - location of treated wood, venting, roll up sides, structural materials, doors, etc. heating source, etc.	Operator indicate changes and date

**\*Please include greenhouses/hoop houses on any field maps that have been submitted and identify them with the same name or number listed on the table above. If houses do not fall within any of these maps, provide separate maps locating the houses on the farm property.**

**\*List all fertility inputs used in greenhouses and hoop houses, including soil/seed starting/potting mixes, on the “Soil and Fertility Materials and Inputs” Section. Also list all pest, weed or disease products in that section and note they are used in houses.**

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<b>GREENHOUSES AND HOOP HOUSES Cont'd</b>	<b>Module 6 cont'd</b>
<p>4. Are any inputs applied through greenhouse or hoop house watering systems? <span style="float: right;">(b) (4) es (b) (4) No</span> If yes, please list all inputs in Module 10 (Fertility Inputs) or Module 12 – We est, and Disea puts:</p>	
<p>5. Is chlorine used to clean the watering system <span style="float: right;">(b) (4) Yes (b) (4) No</span> If yes, please indicate rates used:</p>	
<p>6. Are non-organic (b) (4) (b) (4) (conventional) plants grown in or near any of the greenhouses/hoop houses? <span style="float: right;">(b) (4) Yes (b) (4) No</span> If yes, please answer the following questions:</p>	
<p>a. How are organic and non-organic growing areas identified?</p>	
<p>b. How is commingling of organic and non-organic soil mixes prevented during:</p> <p>Mixing -</p> <p>Planting -</p> <p>Storage -</p>	
<p>c. How are organic and non-organic plants identified or differentiated?</p>	
<p>d. How are seedling containers and equipment cleaned?</p>	
<p>e. How is drift or contamination from prohibited materials prevented:</p> <p>Within the house –</p> <p>Through ventilation systems -</p> <p>Through watering systems -</p>	

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**MODULE 7: SEEDS, SEEDLINGS, PLANTING STOCK**

(b) (4) No Seeds, Seedlings or Planting Stock used this year. Skip to Module 8 – Non-Organic Production

**Information on crop seeds and planting stock must be submitted each year. Include cover crop seed and seed used for orchard understory plantings.** The NOP Rule requires the use of certified organic seeds, unless the variety is not commercially available, except that, organically produced seed must be used for the production of edible sprouts. Cost is not an acceptable reason for exemption. Synthetic seed treatments are prohibited unless included on the National List. Genetically engineered (GMO) seeds, planting stock, and inoculants are prohibited in organic production. **If a given crop is available in GMO form (alfalfa; apple – green, Granny Smith types & Golden Delicious types; canola; corn; potato – russet types; soybean; summer squash; sugar beets), you must provide non-GMO documentation from the supplier.**

Are any crops grown on **(b) (4)** act, such that seeds or planting stock are selected or provided by the buyer?

(b) (4) Yes (b) (4) No

**SECTION 1 - SEEDS**

1. Is seed harvested and saved to use as seed stock for following years? (b) (4) Yes (b) (4) No

- a. If yes, how is seed quality maintained?
  
- b. Where is seed being cleaned (or other “processing”) and stored?

2. Describe any efforts to trial certified organic varieties to potentially replace conventional varieties:

Please see Tab 5 OSP Section K Crop Management & Tab 7 Seeds

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See Appendix 9 Crop Management

**SECTION 1 - SEEDS Cont'd** **Module 7, Cont'd**

**List All Seeds used in organic production**  
 For each seed variety that is not certified organic, an attempt to find organic seed of that type must be made by contacting a minimum of three organic seed suppliers. You may submit your own list of seeds, rather than entering them here, but it must contain all the required information from the table below.

Crop	Variety	Source	Type of Treatment (inoculents, pelleting, etc)	Certified Organic?	If not certified organic - reason for Exemption and explain	If not certified organic - Suppliers Contacted and date contacted
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	
					<input type="checkbox"/> Form: <input type="checkbox"/> Quality: <input type="checkbox"/> Quantity:	

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**SECTION 2 - SEEDLINGS AND PERENNIAL STOCK** **Module 7, Cont'd**

**(b) (4) No Seedlings or Perennial Stock Purchased This Year. No Grafting. Skip to Module 8**

**This section must be filled out each year if seedlings or perennial stock are purchased.** *If you propagate your own seedlings and/or perennial stock please see Module 6.* Annual seedlings must be organically produced. Non-organic perennial plants (and planting stock) must be managed organically for at least one year prior to harvest of crop or sale of the plant as certified organic. Organic planting stock must be used if commercially available. Organic certificates of suppliers should be available.

Crop	Variety	Supplier	Organic? Certified by whom?	Date purchased	If not organic, date crop becomes eligible for certification

**SECTION 3 - GRAFTING**

Have you, or do you plan to, graft any perennial crops this year? **(b) (4)** Yes **(b) (4)** No

If yes, please fill out the following table. If grafting stock or scionw as purchased, enter the supplier information in the "Grafting Materials" column.

Crop	Variety	Location/Field	Grafting Materials	Date Planted	Expected Harvest Date

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Company Name: \_\_\_\_\_



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**MODULE 8: SPLIT and PARALLEL PRODUCTION**

**CONVENTIONAL , PARALLEL AND SPLIT PRODUCTION**

If the operation produces both organic and NON-organic crops, then the operation is considered a “split” operation. If the same exact crops are grown as organic and NON-organic such that the crops are not visually distinguishable, then the operation is considered to have “parallel” production.

(b) (4) This operation is 100% organic. No non-organic production occurs (other than harvesting of buffers on an otherwise 100% organic operation). Skip to Module 9 – Fertility Management

1. Does the operation produce both organic and conventional crops? (b) (4) Yes (b) (4) No

2. Does the operation produce the same crop in organic and conventional form? (b) (4) Yes (b) (4) No

3. What crops are produced non-organically?  
(b) (4)

4. What crops are produced in both non-organic and organic form?  
Please see Tab 7 Field Input History

5. Are any GMO varieties produced for the non-organic part of the operation? (b) (4) Yes (b) (4) No  
If yes, please list:

6. How are crops in parallel production distinguished during harvest and post-harvest?  
(b) (4) Please see Tab 5 OSP Section L Crop & Feed Production and Protection.

7. List inputs (fertilizers, pesticides, fungicides, herbicides) used in non-organic production:  
Please see Tab 5 OSP Section J Soil/Crop Fertility and Appendix 9 Crop Input/Soil Amendment Materials

8. Where are non-organic inputs stored and how are they kept separate from organic-approved inputs?  
(b) (4)

9. (b) (4) employees made aware of the difference between organic-approved and non-organic inputs?  
(b) (4) Yes (b) (4) No  
Please explain: (b) (4)





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**MODULE 9: FERTILITY MANAGEMENT**

**FERTILITY MANAGEMENT**

The NOP Rule requires active management to build soil fertility, manage plant nutrients, protect natural resources, and prevent soil erosion through; rotation of crops, cover cropping, and applications of plant and animal materials. These applications must be managed in such a way that they do not contribute to contamination of crops, soil or water from pathogens, heavy metals, nutrients, or prohibited substances. The operator must conduct cultivation and tillage practices in a way that minimizes soil erosion and maintains or improves the condition of the soil including physical, chemical and biological properties. The application of sewage sludge is prohibited in organic agriculture.

**1. What are the soil types of this operation?**

(b) (4)

**2. What are the nutrient deficiencies?**

See Tab 9: Soil Sample Report

**3. What are the major components of the soil and/or crop fertility plan?**

(b) (4) Crop rotation	(b) (4) Soil amendments	(b) (4) Foliar fertilizers	(b) (4) Compost
(b) (4) Manure	(b) (4) Cover crops	(b) (4) Undersowing	(b) (4) Soil inoculants
(b) (4) Fallowing	(b) (4) Conservation tillage	(b) (4) Biodynamic inputs	
(b) (4) Incorporation of crop residue		Other (specify): See Tab 5 OSP Section J Soil/Crop Fertility	

**4. Describe any crop rotation practices. If cover crops are used, describe type and frequency. If production is predominantly perennial, include information on any cover crops, diversified planting, orchard understory plantings etc.**

See Tab 5 OSP Section K Crop Management

**5. Are crop residues burned?** (b) (4) Yes (b) (4) No  
If yes, please describe what materials are burned and why.

**6. Are liquid fertilizers with a nitrogen concentration greater than 3% used?** (b) (4) Yes (b) (4) No  
If yes, please submit documentation.

*(As of 2015, the CDA will not approve any liquid fertilizer with Nitrogen greater than 3% unless it is approved by OMRI or WSDA.)*

**7. How is the effectiveness of the fertility management program monitored?**

(b) (4) Soil testing	(b) (4) Microbiological testing	(b) (4) Tissue testing
(b) (4) Observation of crop health	(b) (4) Comparison of crop yields	(b) (4) Crop quality testing
(b) (4) Observation of soil health	(b) (4) Other (Specify): Forage Testing	

**8. How often is fertility monitoring conducted?** (b) (4) Weekly (b) (4) Monthly (b) (4) Annually (b) (4) As needed (b) (4) Other (Specify):

**9. Rate the effectiveness of fertility management program.** (b) (4) Excellent (b) (4) Satisfactory (b) (4) Needs improvement

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**COMPOST – SECTION 2**

**Module 9, Cont'd**

(b) (4) Compost not used this year – Skip to Section 3, Manure

**\*This section must be completed each year if compost is purchased or produced on-farm.** NOP Rule 205.203(c)(2) requires that when compost contains animal materials, composting processes must include an initial C:N ratio of between 25:1 and 40:1 and maintain temperatures between 131 and 170 degrees, depending on the method. If you produce compost on-farm, production records must be kept to verify compliance with the above. If compost is purchased, this information must be obtained from the supplier. If records are not kept or do not document compliance, it will be considered raw manure and must meet the pre-harvest interval when used on products for human consumption according to 205.203(c)(1).

1. Was compost purchased? (b) (4) Yes (b) (4) No

If compost was purchased, attach documentation from the supplier stating the requirements of NOP Rule 205.203(c)(2) have been met and include it on the Soil and Fertility Materials and Inputs list (Section 9).

2. Was/Is compost produced on farm? (b) (4) Yes (b) (4) No

If yes, what are the raw ingredients used and what is the source of each?  
(b) (4) See OSP Section J "Soil/Crop Fertility"

3. What is the composting method?

(b) (4) Windrows or aerated pile. Must reach 131-170 degrees for at least 15 days and be turned at least 5 times.

(b) (4) In-vessel or static system. Must be aerated and reach 131–170 degrees for at least 3 days.

Information on the following will be verified at inspection:

- The initial C:N Ratio
- The final temperature reached
- How long this temperature is maintained
- If compost is windrowed, how many times the materials are turned

**PELLETED/PROCESSED MANURE**

(b) (4) Pelleted or processed manure not used this year

Processed or pelleted manure may be used as a fertility input without a specific interval between application and harvest as long as it is treated so that all portions of the product, without causing combustion, reach a minimum temperature of either 150° F (66° C) for at least one hour or 165° F (74° C), and are dried to a maximum moisture level of 12%; or an equivalent heating and drying process could be used. In determining the acceptability of an equivalent process, processed manure products should not contain more than 1x10<sup>3</sup> (1,000) MPN (Most Probable Number) fecal coliform per gram of processed manure sampled and not contain more than 3 MPN Salmonella per 4-gram sample of processed manure.

If you are applying pelleted or processed manure this year:

1. How do you confirm that the product meets the heat processing requirements described above?

\*Any pelleted or processed manure products must be listed in the Soil and Fertility Materials and Inputs List (Module 10).

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**MANURE – SECTION 3** **Module 9, Cont'd**

**MANURE**

**Animal manures must be composted unless: they are applied to land used for a crop not intended for human consumption; OR incorporated into the soil not less than 120 days prior to the harvest of a product whose edible portion has direct contact with the soil surface or soil surface particles; OR incorporated into the soil not less than 90 days prior to the harvest of a product whose edible portion does not have direct contact with the soil surface or soil particles.**

**(b) (4) No raw or unprocessed manures used this year – Skip to Module 10, Soil & Fertility Input List**

- 1. What is the source of manure applied this year?**  
 See Tab 5 OSP Section J Soil/Crop Fertility & Appendix 9 Crop Management Inputs & Amendment Materials List
  
- 2. How do you ensure that manure does not contaminate wells, rivers, streams, lakes, or ponds?**  
 See Tab 5 OSP Section J Soil/Crop Fertility
  
- 3. (b) (4) types of crops are grown on fields to which manure is applied?**  
 (b) Crops not used for human consumption  
 (4) Crops for human consumption whose edible portion HAS direct contact with the soil or soil particles.  
 Crops for human consumption whose edible portion DOES NOT have contact with the soil or soil particles

**If you grow crops for human consumption and use un-composted manure, complete the following table. Include manure deposited by grazing livestock. N/A**

Field Number/ID	Crop(s)	Date manure is incorporated	Expected Harvest Date

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See Tab 7 Field Input History  
 Appendix 9 Crop Management Inputs  
 & Amendments List

**MODULE 10: SOIL AND FERTILITY INPUTS**

**SOIL AND FERTILITY INPUTS**

**No Soil or Fertility Inputs used. Skip to Section 11 – Weed, Pest and Disease Management**

List all fertility inputs intended for use on proposed organic fields including compost and manure. Fertility inputs must also be listed on Field History sheets. Please note, many micro-nutrient products (boron, copper, iron, magnesium, manganese, zinc) require a documented deficiency for their use. Please submit soil or plant tissue test results or other documentation for approval. Product labels and/or OMRI/WSDA certificates for all inputs must be on file. If you have previously submitted labels, you do not need to resubmit them. If you have discontinued use of a product and don't intend to use it again, write "no longer in use" and the date in parentheses.

Product	Manufacturer	Number of Applications Annually	Use & How Applied	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

\*NOP Rule References (CDA to enter) -

Operator Review, Initial and Date:

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**MODULE 11: WEED, PEST and DISEASE MANAGEMENT**

**WEED, PEST AND DISEASE MANAGEMENT**

The NOP requires crop rotation plans that maximize soil organic matter and prevent weed, pest and disease problems. Producers must utilize sanitation measures to remove disease vectors, weed seeds and habitat for pests. Cultural practices must be used to enhance crop health. Approved synthetic materials listed on the National List 205.601 may only be used when management practices are insufficient to prevent or control problems. **All weed, pest and disease inputs must be approved. A "restricted" input has specific annotations for its use. If a restricted input is used, evidence of how the annotation is addressed must be provided. Please include all weed, pest and disease products in Module 12 - "Weed, Pest, and Disease Control Inputs" list.**

**SECTION 1 - WEEDS**

1. What are the weed problems (types) for this operation?

(b) (4)

2. How often is weed monitoring conducted?

(b) (4) Weekly (b) (4) Monthly (b) (4) Annually (b) (4) As needed (b) (4) Other (Specify):

3. What weed control methods are used? Check all that apply:

(b) (4) Mechanical cultivation (b) (4) Hand weeding (b) (4) Flame weeding  
(b) (4) Crop rotation (b) (4) Smother/cover crops (b) (4) Sanitation/cleaning of tools & equipment  
(b) (4) Soil solarization (b) (4) Approved herbicides (b) (4) Stale seedbed preparation  
(b) (4) Mulching, specify type: (b) (4) Timing of planting (b) (4) Prevention of weed seed set  
(b) (4) Weed seed screens on irrigation inlets (b) (4) Other (specify): mowing, grazing, tillage

4. Please describe in further detail the selections made above:

See Tab 5 OSP K Crop Management

5. Are records kept of how often these weed control methods are utilized?

(b) (4) Yes (b) (4) No

6. How is the effectiveness of the weed management program monitored?

(b) (4) Observation of weed types (b) (4) Observations of crop health (b) (4) Comparison of crop yields  
(b) (4) Records of weed counts (b) (4) Other (Specify):

7. Are plastic or synthetic mulches used to control weeds?

(b) (4) Yes (b) (4) No

*If yes, please note: per NOP Rule 205.206 plastic mulches, including mulches made of composites of paper and synthetic resins, polymers, or other nonrecycled or nonbiodegradable components, must be removed at the end of the season unless applied to perennial crops, in which case the mulch must be removed before the plastic decomposes or breaks into pieces.*

8. Rate the effectiveness of the weed management program:

(b) (4) Excellent (b) (4) Satisfactory (b) (4) Needs improvement

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



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**1. What are the pest problems for this operation?**  
(b) (4)

**2. How often is pest monitoring conducted?**  
 (b) (4) Weekly    (b) (4) Monthly    (b) (4) Annually    (b) (4) As needed    (b) (4) Other (Specify):

**3. What strategies are used to prevent and control pest damage to field crops?**  
 (b) (4) Crop rotation    (b) (4) Timing of planting    (b) (4) Selection of resistant crop varieties    (b) (4) Physical removal  
 (b) (4) Physical barriers    (b) (4) Traps    (b) (4) Repellents    (b) (4) Natural enemy habitat  
 (b) (4) Trap crops    (b) (4) Companion planting    (b) (4) Lures    (b) (4) Approved pesticides  
 (b) (4) Release of beneficial organisms    (b) (4) Other (specify): Sanitation    See Appendix 10 Master

**4. Please describe in further detail the selections made above:**  
See Tab 5 OSP Section K Crop Management

**5. Is a record kept of how often these pest control methods are utilized?**    (b) (4) Yes    (b) (4) No

**6. How is the effectiveness of the pest management program monitored?**  
 (b) (4) Insect monitoring with traps    (b) (4) Observation of crop health or quality    (b) (4) Comparison of crop yield  
 (b) (4) Crop quality testing    (b) (4) Monitoring records kept    (b) (4) Other (Specify):

**7. Rate the effectiveness of the pest management program:**    (b) (4) Excellent    (b) (4) Satisfactory    (b) (4) Needs improvement

**8. Is a pest control advisor used? If yes, provide name:**  
(b) (4)

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**SECTION 3 - DISEASES** **Module 11, Cont'd**

**1. What are the disease problems of this operation?**

See Tab 5 Section K Crop Management

**2. How often is disease monitoring conducted?**

- (b) Weekly      (b) Monthly      (b) Annually      (b) As needed      (b) Other (Specify):
- (4)                      (4)                      (4)                      (4)                      (4)

**3. What disease prevention strategies and control methods are used?**

- |  |  |                           |                     |
|--|--|---------------------------|---------------------|
| (b) Selection of resistant varieties   | (b) Crop and soil health                                     | (b) Soil solarization     | (b) Seed treatments |
| (4) Plant spacing/Promotion of airflow | (4) Compost teas   | (4) Irrigation management | (4) Crop rotation   |
| (b) Selection of resistant varieties   | (b) Timing of planting                                       | (b) Sanitation practices  |                     |
| (b) Use of organic-approved inputs     | (b) Other (Specify): See Tab 5 OSP Section K Crop Management |                           |                     |

**4. Please describe in further detail the selections made above:**

See Tab 5 OSP Section K Crop Management

**5. How is the effectiveness of the disease management program monitored?**

- |                                     |                               |                                 |                  |
|-------------------------------------|-------------------------------|---------------------------------|------------------|
| (b) Observation of crop health      | (b) Comparison of crop yields | (b) Observation of soil         | (b) Soil testing |
| (4) Microbiological testing         | (4) Tissue Testing            | (4) Observation of crop quality | (4)              |
| (b) Monitoring records kept         |                               |                                 |                  |
| (b) Other (specify): Forage Testing |                               |                                 |                  |

**6. Rate the effectiveness of the disease management program:**

- (b) Excellent      (b) Satisfactory      (b) Needs improvement
- (4)                      (4)                      (4)

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

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See Tab 7 Field Input History &  
 Appendix 9 Crop Management Inputs  
 and Amendments list

**MODULE 12: WEED, PEST and DISEASE INPUTS**

**WEED, PEST AND DISEASE INPUTS**

**CONTROL PRODUCTS**  
 No Weed, Pest, or Disease Control Products Used. Skip to Module 13 - Irrigation

List all weed, pest and disease products that are intended for use on proposed organic fields/crops. If you have discontinued use of a product and are unlikely to use it again, please cross out the entry. Labels and/or OMRI/WSDA certificates (if applicable) for each product need to be on file with CDA. If you have received approval for a product and have submitted a product label, you do not need to resubmit the label each year. If a product is not listed with OMRI or WSDA, CDA will need a complete ingredients list and processing methods from the manufacturer to determine whether it complies with NOP Subpart G – Allowed and Prohibited Substances.

Control Product	Manufacturer	Weed, Pest, or Disease problem being addressed (specific)	Preventative Mechanical and Physical Control Strategies	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

\*NOP Rule References (CDA to enter) -

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Inspector Review, Initial and Date:

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**MODULE 13: IRRIGATION**

**IRRIGATION**

(b)  
(4)

Water not used for irrigation. Skip to Module 14 – Natural Resources and Biodiversity

**1. List the types of irrigation systems (flood, drip, overhead, center pivot, etc.) employed on this operation:**

See Tab 5 OSP Section J Soil/Crop Fertility

**2. What is the source(s) of water used on this operation for irrigation?**

See Tab 10 Water District Report

**3. What is the name of the municipal and/or irrigation district, if applicable?**

Central Weld County Water District

**4. List known contaminants in water supplies in your area:**

See Tab 10 Water District Report

**5. How are the water contamination problems listed above minimized?**

See Tab 10 Water District Report

**6. Please describe how and how often water quality is monitored?**

See Tab 10 Water District Report

**7. Are any input products applied through irrigation systems?**

(b)  
(4)

Yes

(b)  
(4)

No

If yes, please provide details:

(b) (4)

**8. What, if any, products are used to clean irrigation systems?**

Please list the product and provide rates of use:

(b) (4)

**9. Are any irrigation systems shared with other users?**

(b)  
(4)

Yes

(b)  
(4)

No

**a. If irrigation systems are shared with another user or if your operation also consists of conventional crop production, how do you ensure there is no contamination of organic crops in terms of the irrigation system?**

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**MODULE 14: NATURAL RESOURCES and BIODIVERSITY**

**NATURAL RESOURCES AND BIODIVERSITY**

**The conservation of natural resources and biodiversity is a primary tenet of organic production. NOP Rules 205.200 and 205.203(a) require that production practices maintain or improve the natural resources of the operation, including soil, water, wetlands, woodlands, grasslands and wildlife. Practices must minimize erosion. Irrigation water should not contaminate organic crops or soils with prohibited materials. Methods to conserve water should be part of the irrigation plan.**

**1. What features does this operation contain? Check all that apply.**

(b) Forest or Woodland (b) Grassland (b) Shrub Land (b) Riparian or Wetland Areas  
(4) Other, please specify: (4) (4) (4)

**2. What features does this operation border (not own or managed by this operation)?**

(b) Forest or Woodland (b) Grassland (b) Shrub Land (b) Riparian or Wetland Areas  
(4) Other, please specify: (4) (4) (4)

**3. In general, what conservation practices are in use? Check all that apply.**

(b) Terracing	(b) Maintaining or improving field borders with natural vegetation
(4) Contour farming	(4) Grassed waterways
Under sowing/inter planting	Crop selection for site specific/regional conditions
Winter cover crops	Conservation Easements or CRP
Cover crops/green Manure	Improving or maintaining riparian or wetland buffers
Conservation tillage	Maintaining or improving wildlife habitat
No till	Wildlife friendly fence installations
Maintaining crop residue	Woodlot management
Reducing bare fallow	Controlling invasive species
Windbreaks	Other (specify): See Tab 5 OSP Section A "Platteville Overview"

**4. Please describe, in further detail, any boxes checked from above:**  
See Tab 5 OSP Section J Soil/Crop Fertility

**5. Describe any practices in place to maintain native plant and pollinator populations:**  
See Tab 5 OSP Section J Soil/Crop Fertility

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**NATURAL RESOURCES AND BIODIVERSITY** **Module 14 Cont'd**

**6. Does the operation participate in any NRCS (Natural Resources Conservation Service) or EQUIP (Environmental Quality Incentives Program) activities or work with an NRCS advisor?**

(b) (4) es (b) (4) No

If yes, please describe:  
(b) (4)

**7. Are there any areas of the operation that have evidence of soil erosion?** (b) (4) Yes (b) (4) No  
If yes, please describe:

**8. What practices are being used to minimize the soil erosion problems listed above?**  
See Tab 5 OSP Section I Crop Farm Plan

**9. What practices are used to protect water quality?**  
See Tab 5 OSP Section J Soil/Crop Fertility

**10. What water conservation practices are used on this operation?**  
See Tab 5 OSP Section J Soil/Crop Fertility

**11. Describe how manure and compost are managed to protect crops, soil, and water from contamination by excess nutrients, heavy metals or pathogenic organisms:**  
See Tab 5 OSP Section J Soil/Crop Fertility

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**MODULE 15: EQUIPMENT, TRANSPORTATION AND STORAGE**

**SECTION 1 - EQUIPMENT AND TOOLS**

To prevent commingling and contamination, all equipment used in organic crop production must be free of non-organic crop material (including residues of) and prohibited materials. Contamination includes that from oil, fuel and hydraulic fluids. Equipment used for both organic and non-organic farming must be cleaned prior to use on organic fields and crops. Records of equipment cleaning, including cleaning by an outside business, must be available during your inspection.

1. **any equipment owned by the operation loaned out or otherwise used on land not controlled by the operation?**  
 (b) Yes (b) No  
 (4) (4)

If yes to the above, please explain:

2. **Is any equipment used by the operation used on both organic and non-organic fields?** (b) Yes (b) No  
 (4) (4)  
 If yes, please list all equipment used on both organic and non-organic fields:  
 See Tab 5 Section L Crop & feed Production and Protection

3. **Describe the use of any custom operators/custom equipment that occurs on this operation. Include what type of equipment, which crops, for what purpose (input application, harvest, soil preparation, etc.):**  
 See Tab 5 Section L Crop & feed Production and Protection

4. **List names of any custom operators used by this operation:**  
 See Tab 5 Section L Crop & feed Production and Protection

5. **How is equipment cleaned before use on organic fields (if different for different pieces of equipment, please list all)?**  
 See Tab 5 Section L Crop & feed Production and Protection

6. **Are any products used to clean or sanitize equipment or tools?** (b) Yes (b) No  
 (4) (4)  
 If yes, please list the product and the rate used:

7. **Is cleaning documentation maintained?** (b) Yes (b) No  
 (4) (4)  
 If yes, please describe:  
 See Tab 5 Section L Crop & feed Production and Protection

8. **Is equipment maintained so that fuel, oil, and hydraulic fluid do not leak?** (b) Yes (b) No  
 (4) (4)

9. **Could any of the equipment used on the operation be contaminated by previous uses?** (b) Yes (b) No  
 (4) (4)  
 If yes, please describe:

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**SECTION 2 - STORAGE AND TRANSPORTATION**

**Module 15, Cont'd**

**Commingling and contamination of organic products must be prevented during storage and transport. Storage records and clean truck affidavits must be maintained if applicable.**

1. **Who is responsible for transporting the final product(s)?**  
 Self/Operation     Buyer     Third Party     Other (specify):  Not applicable
2. **Who is responsible for arranging the final transportation of organic products?**  
 Self/Operation     Buyer     Third Party     Other (specify):  Not applicable
3. **When do organic crops leave the operation's custody?**  
 At the point of sale     After delivery to the buyer, transported by this operation  
 After delivery to the buyer, transported by third party     Other (Specify):
4. **What practices are used to protect the integrity of organic crops during transport?**  
 Use of clean truck/transport affidavits     Dedicated organic transport     Cleaning transport units prior to loading  
 Inspecting transport prior to loading     Letter or contract with transport agent     Meeting organic requirements  
 Other (Specify):
5. **Describe how crops are stored at this operation (where, length of time, climate control, etc.):**  
 See Tab 5 Section K Crop & feed Production and Protection
6. **Are the same storage areas used for organic and non-organic crops? If yes, how are crops segregated and identified?**     Yes     No
7. **Are any inputs used to control rodents, insect pests, and or diseases in storage areas? Please list any materials in Module 17 - Post-Harvest Materials**     Yes     No
8. **Are any inputs used to clean and/or sanitize storage areas? Please list any inputs/materials in Module 17 - Post Harvest Materials**     Yes     No
9. **Is off-site storage utilized? If yes, is off-site storage controlled exclusively by this operation? If yes, is the off-site storage facility certified organic?**  
 Yes     No  
 Yes     No  
 Yes     No

**In the table below, describe storage locations or structures including off-site storage:**  
 See Tab 5 Section L Crop & feed Production and Protection

Storage Name/ID	Type	Capacity	On Site or address for Off-Site	Dedicated Organic?

Operator Review, Initial and Date:

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**MODULE 16: HARVEST, POST-HARVEST HANDLING AND PACKAGING**

**SECTION 1 - HARVESTING**

**(b) (4)** No harvesting occurs – all land is fallow or maintained solely for grazing. Skip to Module 17

**NO** Rule 205.272(b)(1)(2) requires that containers, bins and packaging materials must not contain synthetic fungicides, preservatives, or fumigants. All reusable containers must be thoroughly cleaned and pose no risk of contamination to organic crops prior to use. If crops are harvested through custom harvesters, clean equipment verification should be submitted.

- 1. Are any crops custom harvested? (b) (4) es      (b) (4) No  
If yes, which crops and by whom?  
See Tab 5 OSP Section L Crop & feed Production and Protection
- 2. Are any crops harvested with rented or borrowed equipment? (b) (4) Yes      (b) (4) No  
If yes, please describe:  
See Tab 5 OSP Section L Crop & feed Production and Protection
- 3. Is harvest equipment used for both organic and conventional crops? (b) (4) Yes      (b) (4) No  
If yes, describe how the operation ensures there is no risk of contamination to organic from any residue left on equipment (cleaning methods, etc.):  
See Tab 5 OSP Section L Crop & feed Production and Protection
- 4. Are containers used to harvest crops? (b) (4) Yes      (b) (4) o  
If yes, list the types of containers and whether they are new or used:  
**(b) (4)**
- 5. Are containers used for both organic and conventional crops? (b) (4) Yes      (b) (4) No  
If yes, describe how the operation ensures that there is no risk of contamination from \_\_\_\_\_ues left in the Container:  
See Tab 5 OSP Section L Crop & feed Production and Protection
- 6. Are containers cleaned prior to harvest? (b) (4) Yes      (b) (4) No  
If yes, describe methods:  
**(b) (4)**

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**SECTION 2 - POST HARVEST** **Module 16, Cont'd**

**(b) (4)** No post-harvest activities occur (No cooling, rinsing, washing, packing or application of any materials, occurs to crops post-harvest.). Skip to Module 17

1. Indicate what methods are used to prepare post-harvest areas/facilities:

Check all that apply and list any cleansers or sanitizers in the Module	Post-Harvest Materials
<b>(b) (4)</b> Manual Washing	<b>(b) (4)</b> Soap and Water
<b>(b) (4)</b> Sweeping	<b>(b) (4)</b> Sanitizing
<b>(b) (4)</b> Purging of Equipment	<b>(b) (4)</b> Compressed Air
	<b>(b) (4)</b> Scraping
	<b>(b) (4)</b> Steam Cleaning
	Other (specify):

2. Are quaternary ammonia products used for cleaning or sanitation? **(b) (4)** Yes **(b) (4)** No

*(Please note, Quaternary Ammonia products are known to leave residues on food contact surfaces. Steps must be taken to ensure that no residues remain on any food contact surfaces. On a product label, quaternary ammonia may be noted as alkyl dimethyl ammonium chloride)*

3. How does the operation ensure that organic products are not contaminated by a cleanser or sanitizer?

4. Does the operation document/record cleaning, sanitation and/or purging practices and procedures?

**(b) (4)** Yes **(b) (4)** No  
If yes, please describe:

5. Are products containing chlorine, calcium hypochlorite, chlorine dioxide or sodium hypochlorite used in direct contact with any crops (wash water, flume water, etc.)? **(b) (4)** Yes **(b) (4)** No

- If yes, please answer the following:
- a) What is the rate used?
  - b) Residual chlorine levels in water that has direct contact with crops, may not exceed the maximum residual limit of 4ppm as specified by the Safe Drinking Water Act. Please describe how this restriction is met:

6. What is the source of water used in direct contact with crops?  
**(b) (4)** Municipal **(b) (4)** Well **(b) (4)** Other (Specify):

7. Is water treated on site? **(b) (4)** Yes **(b) (4)** No  
If yes, how?

8. Is water quality monitored? **(b) (4)** Yes **(b) (4)** No  
Please describe:

Operator Review, Initial and Date: \_\_\_\_\_ Inspector Review, Initial and Date: \_\_\_\_\_  
Company Name: \_\_\_\_\_









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**SECTION 3 - PACKAGING** **Module 16, Cont'd**

The NOP rule defines "packaging" as a sealed container or material that encloses a product. Non-retail containers used only to ship or store organic products must clearly identify the organic status of the product. If lot numbers are used, non-retail containers must display the production lot number of the product. For packaged (sealed), retail products, the label must state "Certified Organic by the Colorado Department of Agriculture" or similar, directly below the name and contact information for the operation. Please see Subpart D – Lables, Labeling, and Market Information - of the NOP Rule for more specific requirements.

**1. How are products identified as organic during sale or at the point of sale? Check all that apply.**

(b) Retail labels      (b) Non-retail labels      (b) Invoices      (b) Sale tickets  
(4) Bin tags      (4) Bills of lading      (4) Other(Specify):

**2. Are organic products packaged (see definition above) in any way?**      (b) Yes      (b) No  
(4)      (4)

**a. If yes, what types of packaging or containers are used? Mark all that apply.**

(b) Cardboard      (b) Paper      (b) Wood      (b) Glass  
(4) Plastic bags      (4) Solid plastic      (4) Metal      (4) Foil  
Other (Specify) (b) (4)

**b. Are packaging materials or containers food grade?**      (b) Yes      (b) No  
(4)      (4)

**c. Are packaging materials or containers re-used?**      (b) Yes      (b) No  
(4)      (4) potential contamination:

**d. Are retail labels applied to packaging?**      (b) Yes      (b) No  
(4)      (4)

**e. Are non-retail labels applied to packaging?**      Yes      No

**f. Is the USDA seal applied to packaging or marketing information?**      Yes      No

**g. Is the Colorado Organic seal applied to packaging or marketing information?**      Yes      No

**\*\*Please submit color copies of all labels used by the operation (photographs and printing proofs are acceptable)**

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See Appendix 9 Crop Management  
 and 10 Master Sanitation

**MODULE 17: CLEANING, SANITIZING & POST HARVEST INPUTS**

**Cleaning, Sanitizing & Post-Harvest Inputs**  
 List all products used after products have been harvested including tool and equipment cleaners and sanitizers, pest control products used in handling and storage areas, and materials applied to products. If you have discontinued use of a product and are unlikely to use it again, please strike through or cross out the entry. Labels for each product need to be on file with CDA. If you have received approval for a product and have submitted a product label, you do not need to resubmit the label each year.

Product	Manufacturer	Use & How Applied	OMRI/WSDA? (CDA to enter)	Status (CDA to enter)	Review Date (CDA to enter)

\*NOP Rule References (CDA to enter) -

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**MODULE 18: RECORD KEEPING**

**Record Keeping**

The NOP Rule requires that records disclose all activities and transactions of the operation, be maintained for 5 years, and demonstrate compliance with the Rule. Organic products must be able to be traced back to the field/location where they were produced/harvested. All records must be available to view and/or copy.

**1. What records are kept for organic production?**

- (b) (4) Field maps
- Field activity logs
- Machine use logs
- Planting records
- Documentation of previous land use
- Input records for soil amendments, fertilizers, pest, weed and disease controls
- Documentation of attempts to source organic seeds and/or planting stock
- Documentation of seed and planting stock sources
- Compost production records
- Monitoring records (soil, tissue, and water tests, etc.)
- Equipment cleaning records
- Harvest records
- Labor records
- Storage records
- Clean transport records
- Sales records (invoices, purchase orders, receipts)
- Shipping records (scale tickets, bill of lading, etc.)
- Transaction certificates
- Audit control summary
- Other (Specify): See Tab 5 OSP Section M Record Keeping and Audit Trail

**2. How long are records kept? If less than 5 years, explain why:**

(b) (4)

**3. What records are kept for non-organic production?**

- |  |                                 |                              |
|--|---------------------------------|------------------------------|
| (b) (4) Not applicable (no non-organic production) | (b) (4) Input records           | (b) (4) Field history sheets |
| (b) (4) Harvest records                            | (b) (4) Sales records           | (b) (4) Storage records      |
| (b) (4) Shipping records                           | (b) (4) Complaints to operators | (b) (4) Field maps           |
| (b) (4) Labor records                              | (b) (4) Other:                  |                              |

Operator Review, Initial and Date:

Inspector Review, Initial and Date:

Company Name:



## Aurora Organic Farms – Platteville Organic System Plan (OSP)

### PART I: Operation Overview

#### A. Platteville Overview:

1. Platteville Farm Office  
7388 State Highway 66, Platteville, CO 80651  
970-535-0584 x465
  - i. Directions: From I-25 turn east on State Highway 66. The Dairy entrance is on the right (south) about 3 1/2 miles east.

2. Summary: Aurora Organic Farms (AOF) – Platteville (PV) (b) (4)

(b) (4)

- i. (b) (4) (Please see *Farm Binder Tab 6 Maps & Diagrams*):

- a. (b) (4)

- ii. Field Locations (Please see *Farm Binder Tab 7* for field history and *Farm Binder Tab 6* for maps of physical locations). (b) (4)

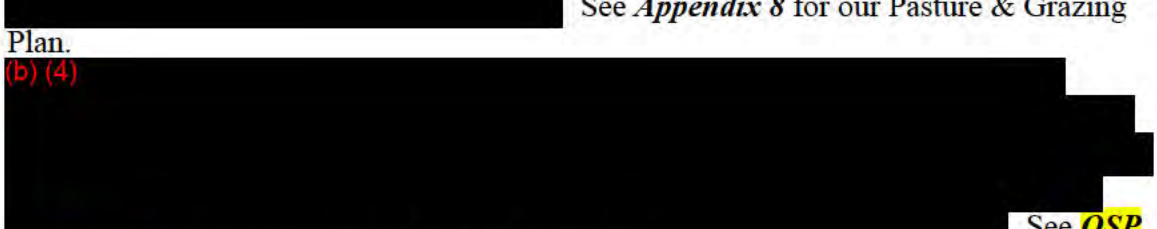
#### B. Natural Resources and Biodiversity Conservation:

1. (b) (4)

(b) (4) Please see *OSP Section J Soil/Crop Fertility* for more information regarding soil management practices and how (b) (4) are used.

**C. Animal Welfare Program:**

1. (b) (4)  

- i. (b) (4)  
  
See *Appendix 8* for our Pasture & Grazing Plan.
- ii. (b) (4)  
  
See *OSP Section G* regarding Livestock Living Conditions.
- iii. (b) (4)  

- iv. (b) (4)  
  
See *Appendix 4* for the Livestock Management Plan (b) (4)  


**PART II: Dairy/Livestock**

**D. Origin of Livestock:**

1. (b) (4)  


(b) (4)

2. (b) (4)

Refer to *Appendix 7 Supplier Lists* for information on suppliers and which agents they are certified by.

3. (b) (4)

4. (b) (4)

5. (b) (4)

see *Appendix 4, Livestock Management*. Please also refer to the Cattle Movement Flow Charts in *Appendix 3*.

**E. Livestock Feed:**

1. (b) (4)

2. (b) (4)

See *Appendix 8* for the Pasture & Grazing Plan. (b) (4)

See *Tab 6 Maps & Diagrams* for grazing maps.



3. (b) (4) [Redacted] See *Appendix 6* for feed rations and ration percentages. See *Appendix 7* (b) (4) [Redacted]
4. (b) (4) [Redacted] . For a list of feed supplements and additives, see *Appendix 6*. (b) (4) [Redacted], see *Appendix 3*
5. For more information regarding feed storage, see **OSP Section L**. See *Appendix 2* for Recordkeeping System Elements which include (b) (4) [Redacted]
6. (b) (4) [Redacted] See *Farm Binder Tab 10* for the water report. (b) (4) [Redacted]. Please refer to **OSP Section J** for water use in soil and crop fertility.

#### F. Livestock Health Care Practice Standards

1. (b) (4) [Redacted]
2. (b) (4) [Redacted] See *Appendix 4* (b) (4) [Redacted]
3. (b) (4) [Redacted]
4. (b) (4) [Redacted]
  - i. (b) (4) [Redacted]
  - ii. Refer to *Appendix 4* for Cow Organic Herd Health Protocol and for Calf Herd Health Protocol. *Appendix 5* includes Herd Health Methods, Materials and the supporting labels.

### G. Livestock Living Conditions

1. (b) (4)

Please see *Appendix 7* for more information on bedding materials. (b) (4)

(b) (4)

i. (b) (4)  
ii. (b) (4)

iii. (b) (4)

iv. (b) (4) : Refer to *Appendix 4* for more information about calf/young stock management

Shelter Type	~ Square Feet	# Animals Each
(b) (4)	(b) (4)	(b) (4)

2. (b) (4)

See *Appendix 8 Pasture & Grazing Plan*.

3. (b) (4)  
[Redacted]  
Please refer to *Appendix 10* for (b) (4)

4. (b) (4)  
[Redacted]  
i. (b) (4) See *Appendix 4* (b) (4)  
See *Farm Binder Tab 7* for Field Input History and Expected Production for on farm use.  
ii. (b) (4) See *Appendix 7* for information on bedding materials.

**H. Livestock and Dairy Production and Protection**

1. (b) (4)  
[Redacted]

2. (b) (4)  
i. (b) (4)  
[Redacted]

ii. (b) (4)  
[Redacted]

iii. See *Appendix 10* for equipment wash procedures for milk handling. (b) (4)  
[Redacted]

iv. Last Six Days In Tank: February 1<sup>st</sup> to February 6<sup>th</sup> 2017

Last 6 Days:	Total # Cows Milked In Tank:	Somatic Cell Count:	Total # Pounds Produced:
2/1/17	(b) (4)	[Redacted]	[Redacted]
2/2/17	[Redacted]	[Redacted]	[Redacted]



2/3/17	(b) (4)
2/4/17	(b) (4)
2/5/17	(b) (4)
2/6/17	(b) (4)

3. (b) (4)

Month	Estimated # of Organic Cows In Tank	Estimated Lbs. of Organic Milk Produced Per Cow Per Day	Estimated Total Pounds of Organic Milk Produced Per Day
January 2017	(b) (4)	(b) (4)	(b) (4)
February 2017	(b) (4)	(b) (4)	(b) (4)
March 2017	(b) (4)	(b) (4)	(b) (4)
April 2017	(b) (4)	(b) (4)	(b) (4)
May 2017	(b) (4)	(b) (4)	(b) (4)
June 2017	(b) (4)	(b) (4)	(b) (4)
July 2017	(b) (4)	(b) (4)	(b) (4)
August 2017	(b) (4)	(b) (4)	(b) (4)
September 2017	(b) (4)	(b) (4)	(b) (4)
October 2017	(b) (4)	(b) (4)	(b) (4)
November 2017	(b) (4)	(b) (4)	(b) (4)
December 2017	(b) (4)	(b) (4)	(b) (4)
<b>Average January '17 – December '17</b>	(b) (4)	(b) (4)	(b) (4)

4. (b) (4)

- i. (b) (4)
- ii. (b) (4)

**PART III: Crop/Pasture**

**I. Crop Farm Plan**

1. (b) (4)
2. (b) (4)
3. (b) (4)
4. (b) (4)
5. For more information about our crop management, manure management, and pasture grazing programs see *Farm Binder Tab 7* for field history and projected yield.

#### J. Soil / Crop Fertility

1. See Soil Sample Report in *Farm Binder Tab 9*. (b) (4)
  - i. (b) (4) . Please refer to *Appendix 9* (b) (4)
  - ii. (b) (4) Please refer to *Appendix 9* for a list of approved soil input materials.
2. (b) (4)
3. (b) (4) see water report in *Farm Binder Tab 10*. (b) (4)

(b) (4) Please see *Farm Binder Tab 7* (b) (4)

### K. Crop Management

1. (b) (4)
  - i. (b) (4)
  - ii. (b) (4)  
See *Appendix 9* for seed supply information.  
\* (b) (4)
  - iii. (b) (4)  
see *Farm Binder Tab 7*  
under Field Input History & Expected Yields.

2. (b) (4)  
Please refer to  
the *Appendix 10* (b) (4)

### L. Crop & Feed Production and Protection

1. For field activities, including modifications to the plan, for the current year and expected yields please see *Tab 7 Field Input History*.
2. (b) (4)
3. (b) (4)
  - i. For field activities, including modifications to the plan, for the current year please see *Farm Binder Tab 7*. Please see *Farm Binder Tab 6* for (b) (4)



4. (b) (4)

Specific Crops	Field Numbers	Organic Date	Total Acreage	Planned Use
(b) (4)				

5. Equipment: (b) (4)  
 Equipment Program. (b) (4) See *Appendix 10* for Clean

6. (b) (4)

7. Harvest/Post-Harvest: See *Appendix 10* for Clean Equipment Program, methods to prevent commingling and contamination during harvest. Truck box containers (b) (4)  
 See *Appendix 3 Flow Charts & Diagrams* for additional information.

8. Feed Storage Overview: (b) (4), see *Appendix 10*. Please also see facility diagrams under *Farm Binder Tab 6* for details of structures pertaining to livestock and crop production.

Storage ID	Type of Feed	Type of Storage	Capacity	Organic (O), Transitional (T)
(b) (4)				

## PART IV: Record Keeping and Audit Trail

### M. Recordkeeping and Audit Trail

1. See *Table of Contents* and *Appendix 2* for Organic Best Management Practices. (b) (4)

i. (b) (4)

ii. (b) (4)

(b) (4)





(b) (4)



(b) (4)

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(b) (4)

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(b) (4)

***Aurora Organic Farms – Platteville***

(b) (4)





(b) (4)





### FIELD INPUT HISTORY & EXPECTED PRODUCTION

This table shows (b) (4)

Producer Name: AOF - Platteville

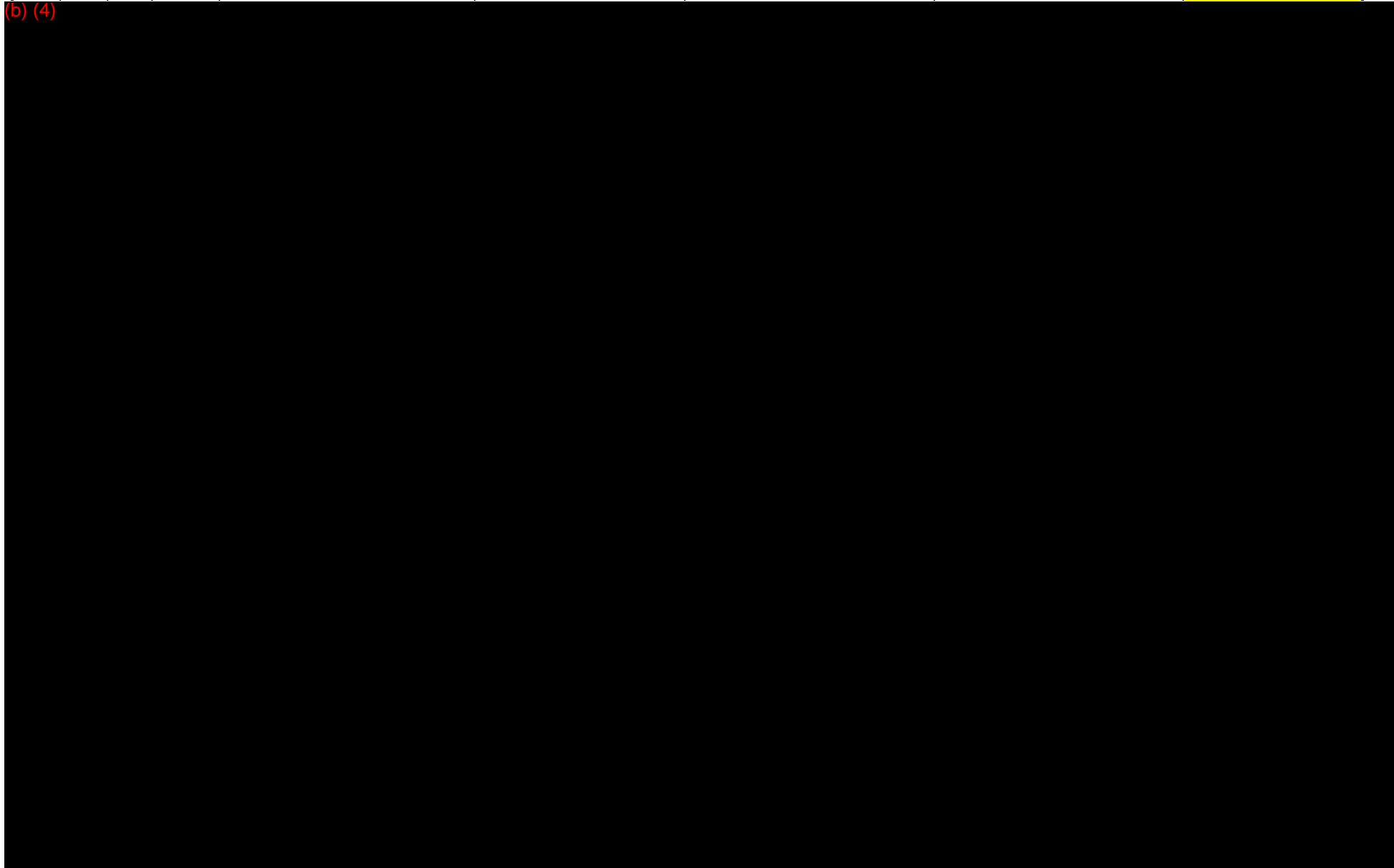
Code*	Field No.	Total Acres	Farmable Acres	Year 2017				Year 2016		Year 2015		Lease/Own	Irrigation
				Crop	Inputs	Projected Dry Matter Yield/Acre	Projected Total Dry Matter Production	Crop	Inputs	Crop	Inputs		

(b) (4)

\*Code: O = Organic; T = Transition/Conversion to Organic



Code*	Field No.	Total Acres	Farmable Acres	Year 2017				Year 2016		Year 2015		Lease/Own	Irrigation
				Crop	Inputs	Projected Dry Matter Yield/Acre	Projected Total Dry Matter Production	Crop	Inputs	Crop	Inputs		



\*Code: O = Organic; T = Transition/Conversion to Organic

Code*	Field No.	Total Acres	Farmable Acres	Year 2017				Year 2016		Year 2015		Lease/Own	Irrigation
				Crop	Inputs	Projected Dry Matter Yield/Acre	Projected Total Dry Matter Production	Crop	Inputs	Crop	Inputs		
(b) (4)													

\*Code: O = Organic; T = Transition/Conversion to Organic

Code*	Field No.	Total Acres	Farmable Acres	Year 2017				Year 2016		Year 2015		Lease/Own	Irrigation
				Crop	Inputs	Projected Dry Matter Yield/Acre	Projected Total Dry Matter Production	Crop	Inputs	Crop	Inputs		
(b) (4)													

\*Code: O = Organic; T = Transition/Conversion to Organic



Code*	Field No.	Total Acres	Farmable Acres	Year 2017				Year 2016		Year 2015		Lease/Own	Irrigation
				Crop	Inputs	Projected Dry Matter Yield/Acre	Projected Total Dry Matter Production	Crop	Inputs	Crop	Inputs		
(b) (4)													

(b)

(b)

\*Code: O = Organic; T = Transition/Conversion to Organic

The AOF – Platteville farm location is managed organically. For past prior land use affidavits please refer to AOF - Plattleville archives.