ORGANIC INSPECTION REPORT / WORK ORDER # 5917

This Organic Inspection Record and supporting documentation must be submitted to QAI by the inspector within 10 business days after the completion of the inspection.

Inspector name:	(b) (6), (b) (7)(C)					
Work Order number:	# 5917					
Name of Certified Entity:	**Shamrock Farms Co.**			**New** ☐ **Renewal** ☒		
Facility Name:	**Investigation Inspection**			**CE** ☒ **AP** ☐ **Location** ☐		
Date assigned:	**November 12, 2008**					
Location (City, State):						
Time arrived:	See below	Time departed:	See below	Total:	See below	
Date(s) Inspected:	11/19/08	Inspection	8:00:00 AM	6:30:00 PM	10:30	
	11/19/08	Inspection - Report Prep	8:30:00 PM	11:30:00 PM	3:00	
	11/20/08	Inspection	7:30:00 AM	4:30:00 PM	9:00	
Submitted:						
Type of Compliance Plan: (Producer, Processor, etc.)	**Producer/ Dairy**					
Contact person:	**James Whitehurst, 480-988-1452; jim_whitehurst@shamrockfoods.com**					
Personnel (& titles) present:	James Whitehurst (Vice President - Production), Michelle Bojorquez (Junior Financial Accountant), Frank Boyce (Vice President – General Manager), Manuel Barrera (assistant herdsman), John Voss (Organic Dairy Operations Manager)					

Shamrock dairy is a split operation with a total of about 10,000 cows, 1,000 of which are certified organic since June 2007. This is the only organic dairy in the state of Arizona. Milk is shipped to their plant in Phoenix where it is bottled as fluid milk and turned into sour cream.

This ~~is~~ inspection was prompted by a complaint alleging that the dairy is not providing pasture as defined and required by USDA NOP standards and questioning the transition of conventional livestock to organic management. This inspection was also conducted as an annual monitoring inspection. As such, on the first day of inspection, the applicant provided an up dated organic system plan and addendums. These were immediately submitted to QAI via fax and within a few hours, QAI staff reviewed the application material and provided the updated work order, which follows.

While the arid climate of Arizona provides a relatively pest free environment and very long growing season beneficial to dairy production, several factors pose a unique challenge to the operation, including the critical need for irrigation water, arable land next to the dairy for grazing, and creation of shade and cooling infrastructure to the herd in the hot summer months. Nevertheless, transitioning land near the dairy and an intensive grazing plan are being implemented. Record keeping systems are also in place and have the ability to track and account for all activities and transactions. Finally, it was noted that the management is eager to meet the challenges posed by organic production in this area and willingness to try

new production methods to overcome these challenges.

Section 1: SPECIFIC INSTRUCTIONS

Inspector: Please address each specific instruction appearing below. If the item has been addressed in any of the sections below, please just indicate the relevant section and number where that issue is addressed. If completing form by hand, please use extra sheets if required.

SPECIFIC INSTRUCTIONS	**Has each specific instruction been adequately addressed/implemented/complied with? If no, please explain the discrepancy. If yes, please provide a brief statement (eg, "no salt used", "verified", "advised applicant", etc)**
Dairy	
1. Please verify that the information provided on the Herd Pasture Profile is correct. Please initial or check the Inspector Use Only Section on HHP for each point verified.	See below, Dairy OCP section G2.
2. Please verify how feed value is provided by pasture.	See below
3. Please verify that the information provided on the Individual Feed Ration(s) is correct. Please initial or check the Inspector Use Only Section on IFR(s) for each point verified. **** If the IFR's are revised and/or new IFR's submitted please provide a clean copy with the report for the client's file.	IFRs are discussed below in the profile section. The updated IFRs included the three different rations used this fall. This fall they started feeding a low energy ration to the lower producing cows. Heifers and dry cows did not nee/supplemental feed this winter when they were grazing the oats, it was stated.
4. Please verify that the information provided on the Medical Input Profile(s) is correct. Please initial or check the Inspector Use Only Section on MIP(s) for each point verified. **** If the MIPs are revised and/or new MIPs submitted please provide a clean copy with the report for the client's file.	The new OCP included an updated Medical Input Profile. The profile lists very few materials because it was stated, the herd is very healthy because it is young, the climate is not conducive to diseases and pests and animals that need treatments are moved to the conventional herd. More details are provided below
5. Please provide the total number of pasture acres provided and please provide the total number of animals that have access to that (those) pasture(s); if access to pasture is restricted at any time, please provide details regarding the applicant's justification for temporary confinement.	For the 2008 Winter, Spring and Fall, the only pasture available was the 160 acres known as Beryl 320. As soon as the winter planting of oats in the newly transitioned Red River fields 4, 5, and 6 is established, the acreage will increase significantly and as a result, so will the configuration of the available grazing. More details are provided below in section G.
6. Please verify the number of days cows have access to pasture, broken out by milking cows vs. heifer /dry cows, if different	See section G3 below
7. Please verify that the log in place to document access to pasture is maintained sufficiently documenting access to pasture and days of confinement, including the reason for confinement.	The pasture log is maintained but not very detailed. See further comments below.
8. Please verify if the logs include a restriction	See pasture discussion below

to pasture in April, for what period of time they were confined and for what reason.	
9. Please provide observations regarding the quality of the pasture provided to the herds, describing how pasture is maintained to improve soil, water and vegetative sources. Please provide photo documentation of the current state of the organic pasture.	The description of the pasture's condition is described below in Crop OCP section G2. Photos of the pastures and dairy facility are attached to this report. Note that the inspection took place right after planting the winter crop. Residues of the summer crop were in evidence as well as the dried manure from the recent application.
10. Please conduct a complete audit of medical records, using a statistically accurate method for determining number of days to audit, to verify that any animal given antibiotics, or other prohibited medical treatments, has been removed from organic production. Please include the audit results with your inspection report.	There was not much to audit as far as medical records because very few inputs are used as noted in the MIP. Most medical records are kept in the DHIA plus software and the audit involved verifying cow treatments in the organic herd as well as into the conventional herd when they could not be treated. Some treatments are not recorded. A summary of the audit is provided below.
11. Please conduct a co mplete audit of milk records to verify that there is enough organic animals in production to justify the sale of the organic milk using a statistically accurate method for determining days of production. Please include the audit results with your inspection report.	The organic and non-organic dairies are completely separate in facilities, milk parlors, staff etc. Production records are very carefully kept and easy to audit. Because they did not freshen animals this summer, production amounts dipped but now it is rising again as the X and Y group heifers are entering production. The audit results are discussed below.
12. Please conduct a co mplete audit of origin of livestock for all dairy livestock, as follows: a) If the dairy began operating as a 100% organic feed transitional dairy, please include with your inspection report a copy of the audit to verify that the all dairy replacement animals have completed a full one year of transitioning prior to selling, labeling, or otherwise representing the milk as 'organic". b) If the dairy began operation under the former "80-20" feed exemption rule, please include a copy of the audit to verify that all replacement animals were from animals raised as organic from last 3rd of gestation. c) If the dairy began operating as an organic dairy after June 9, 2007, please include a copy of the audit which verifies that all replacement animals have been transitioned for one year prior to selling, labeling, or otherwise representing the milk as 'organic".	The herd was transitioned using the 12 months 100% organic feed route The results of the audit are discussed below.
13. Please include i n your response the records kept regarding amounts of milk per animal through distribution.	Per SI 11, the result of the milk production is included above.
14. Please include i n your response how your response how you minimize pain and stress during the dehorning procedure.	See below.
15. Please ens ure that a signature is included on the log of the individual filling out the log	OK
16. Please verif y the type of sanitizers in use and the type of residue analysis used on all machinery, including all food or animal contact surfaces. Please have client include this information on the Addendum Materials list and include documentation for	The applicant stated that a pH test is conducted following the rinse of the milk lines to ensure that no acid sanitizer remains in the lines. Sanitation of the milk lines and tanks are discussed below in Diary OCP section J.

each material and the specific type of residue analysis used, including the sensitivity of test, if applicable.	
17. Please verify what information is being verified with the Sanitation Log as residual test information is not included.	It is a pH test using test strips that detect pH 2 to 14. See below for more details.
18. Please verify that all animals included in transition starting on 6/5/07 have been fully transitioned and are included on the Herd Pasture Profile.	See OCP dairy section G below.
19. Please verify the number of animals currently in transition and the date in which their transition will be complete.	See OCP dairy section G below.
20. Please verify if the other 1/2 of Berl 320 is in use as pasture or for crop acreage. Client previously indicated that this land would be completed with transition in June of 2008	No, the other ½ of Beryl 320 that is not pasture does not have a water right any longer. See details regarding the layout of this pasture below
21. Please obtain an IFR for the silage product made on site which is included in the feed rations.	Silage is chopped and inoculated with the inoculants listed on the IFR Profile. The silage chop is mixed into the TMR.
22. Please verify if Organic Rumolac is in use, as indicated on the Daily Ration for Lactating Cows document. If so, please obtain documentation and include with your inspection report.	The applicant stated that this was actually the NRG Organic Feed additive.
23. Please verify is in fact organic milk is included in the feed ration for milking cows.	The ORG Mil listed on the lactating cow ration is actually the Modesto Milling mineral.
24. Please verify that supplier of Wheat, as this commodity and supplier is not listed on the attached spreadsheet.	While wheat is listed on the lactating cow ration it is not being fed currently ad the 'as fed' column lists 0. The fields in the Easy Feed database have not been updated since they moved the program for the organic herd.
25. Please verify the supplier of Alfalfa Chop is and how this ingredient differs from Alfalfa Hay.	No alfalfa hay chop is purchased. It is actually the same as alfalfa hay but it is just chopped.
26. Please verify why there are two types of soybean meal on the Daily Ration for Lactating Cows document.	Actually there is soybean meal and sesame meal on the ration not two types of soybean.
27. Please obtain information regarding NRG Organic feed additive and include with your inspection report.	The label for NRG Organic Feed additive is attached.
28. Please obtain a specification sheet for the Modesto Milling minerals used as a feed additive and include with your inspection report.	Attached.
29. Please verify if Biotol Plus II or III is in use. Biotol II is OMRI approved, however Biotol III is indicated on the IFR.	This was a typo, the applicant stated, it is actually Biotol II.
30. Please verify what "Shamrock ORG Dry" is composed of as indicated on the Daily Ration for Dry Cow/Heifers document. Please include any documentation regarding this material in your inspection report.	No dry cow mineral is fed as noted on the first column of the feed ration list which indicates a "0.00".
31. Please verify that organic certificates are on file for each purchased organic agricultural input, including those that are processed like extruded, flaked or other types of processing methods.	No flaked ingredients are used, they are either ground on site such as the barley / milo or soybean meal which is purchased as is from Grain millers (certificate verified).
32. Please obtain specification sheets or other information to verify compliance for each	1. Royal Udder Care – Applicant found this on the OMRI list and it was verified. Not used since last year.

material listed on the Medical Input profile spreadsheet. Please ensure that all documentation is current.	2. Royal Optimum Solution – Applicant found this on the OMRI list and it was verified. Not used since last year. 3. Hoofmate – never used. 4. UtreSpet –Applicant found this on the OMRI list and it was verified, never used. 5. All the other inputs listed on the MIP are common medical inputs so no spec sheets were obtained.
33. Please have client update their Medical Input Profile to include any Teat Dip's in use as indicated on the Pre-and-Post Use Teat Dip Organic/Standard Operating Procedure. Supporting documents are on file for Eco-Plus 50 and 100. Please verify which is in use.	Eco Plus 50 was noted on site and 100 is kept on hand because it is higher in emollients and may be needed during a wet winter.
34. Please verify if Immunizations are still used as an input and if the Medical Input Profile document on file with immunizations is still current and to be included as part of the Organic Plan.	Immunizations are still performed as described in the MIP.
Producer	
35. Please verify information on the certificate and Organic System Plan Summary (OSPS) is correct, including all fields and acreage. If applicable please note any changes. Both you and the applicant must sign and date.	Done
36. Please verify that the information provided on the Individual Field Profile(s) is correct. ***Please initial or check the Inspector Use Only Section on IFP(s) for each point verified.*** ***** If the IFP's are revised and/or new IFP's submitted please provide a clean copy with the report for the client's file.*	Herbicides listed on the Input Record are not being used.
37. Please verify inputs used are compliant to the NOP.	The crop production inputs used are compliant to the NOP standards.
38. Please verify if lignan sulfonate, potassium bicarbonate, and alkali-extracted humic acid are being used as land inputs	N/A
39. Please verify inputs are brand name OMRI listed or compliant with the NOP National List. If National List pesticides are used, please verify that inert ingredients appear on EPA list 4.	N/A, all inputs except seed are from on farm (manure).
40. Please verify that organic certificates are on file for organic seed. If not on file, please verify the seeds are from the applicant's previous year's organically managed crops and/or verify seeds purchased documentation and commercial availability sourcing documentation.	The organic certificates for the seed were provided in the OSP.
41. Please verify that applicant has documentation on file for the use of non-organic seed that an equivalent organically produced variety is not commercially available	The non availability documentation was provided in the OSP.
42. Please verify that certification documentation (certificates, etc.) from all certifiers that verifies NOP compliance is	The organic certificates for the seed were provided in the OSP.

on file for all organic seeds used.	
43. Please verif y that applicant has documentation on file that non-organic seed used is not GMO'd	The non GMO documentation was provided in the OSP.
44. If an y form or documentation is updated during your inspection, please include both your initials and the client's initials on the updated document. This process will allow QAI to update the documents on file at QAI. Please inform the client that initialed changes will be made to their Organic Plan on file at QAI for them. If the client would rather update their own documents, please include updates with your inspection report.	OK
45. Please conduct a trace -back audit using the attached Sample Audit Worksheets. Return all calculations with your report.	The milk and feed audits are sufficient for testing traceability and accountability of ingredients (feed) and finished products.
46. Please conduct an i nput / output balance using the attached Sample Audit Worksheets. Return all calculations with your report.	The milk and feed audits are sufficient for testing traceability and accountability of ingredients (feed) and finished products.
Please obtain clear farm maps for the new land being added and include with your inspection report.	The farm maps probably did not come through very well in the fax but those attached to the report are quite legible.
Please verify that the client tracks the commodities grown on farm as well as those purchased.	The feed audit confirmed that feed commodities are tracked, see below.
Please verify with the client if information is available regarding any inputs used in the growing of conventional Alfalfa in 2003 as indicated on the submitted Land Use Affidavits. Please also indicate if this is not necessary based on information obtained.	The applicant stated that the alfalfa fields that completed transition this year and will complete transition in 2009 were planted with treated seed. This error significantly impacted the operations' ability to implement the intended pasture plan, but they will soon have this land back for the organic operation's use.
Please indicate the clients plan to ensure that organic seed is sought out prior to using a conventional variety.	The seed sourcing documentation was provided in the OSP.

Section 2: PREVIOUS NON-COMPLIANCES

Inspector: Please address each previous noncompliance below and verify whether or not they have been mitigated. Please also include a description of the practices and documentation you observed in verifying their compliance. If the item has been addressed in another section above or below, please just indicate the relevant section and number where that issue was addressed. If completing form by hand, please use extra sheets if required.

NON-COMPLIANCE ISSUES	**Has the resolution to the previous non-compliances been implemented effectively? If no, please explain the discrepancy. If yes, please provide a brief statement of how the noncompliance was mitigated**
Within Thirty Days	
1. Please forward organic certification documentation that issued within the past 18 months for the following feed ingredients., • The following two certificates were missing the product summary page: QAI	The organic certificates were provided to QAI

certified Daniel Nowlin Farms – listing sorghum silage and NMOCC certified Smith Land and Cattle Co listing alfalfa • The following two certificates were not current: MOSA certified Robt Morgan Inc listing NRG Organic supplement and () NMOCC certified Smith Land and Cattle Co listing alfalfa • A certificate was not on file for OTCO certified Grain Millers listing flaxseed meal. *7 CFR Part 205.103(b)(4), 205.301*	
Prior to Annual Monitoring Date	
2. Please confirm that you will maintain on site documentation of commercial non-availability for organic seed, organic seed certificates, and documentation that seed was not treated and is non-GMO. *7 CFR Part 205.201*	The documentation was maintained this year and included in the new OSP.
3. Please forward a copy of your Pasture Access SOP and also a sample of the Pasture Log sheet showing documented access to pasture and reasons for restricting access. *7 CFR Part 205.239(a)(2)*	The pasture access SOPs were discussed in the 2006 NC response but not moved to the file. These were provided in the new OSP submission.
Prior to Adding Products to your Certificate	
4. Please note that the additional 130 acre field mentioned by the inspector that will be eligible for organic use in June of '08 will need to be added to your certificate before it can be used for harvesting organic products. Please • complete the attached Individual Field Profile sheet for the field, • include a complete plot map for QAI to review, • provide a complete 3-year land use history, and • complete the attached land use affidavit. *7CFR Part 205.201 (a)(6), 7 CFR Part 205.403 (b).*	The 130 acres included in Red River 4, 5, and 6 were not used for the organic herd in the 2008 summer. The alfalfa was worked up and the fields were being planted to cereal grain at the time of inspection.

Section 3: ORGANIC SYSTEM PLAN

Inspector: Please indicate any discrepancies or relevant inspector observations pertinent to the Application, OCP(s) and Product Profile(s) by listing a reference number from the question then your description. If completing form by hand, please use extra sheets if required.	
A: Application	
Ref #	Description of Discrepancy/Relevant Observation
	No issues noted with the application section.
B: Compliance Plan	
Ref #	Description of Discrepancy /Relevant Observation
Producer OCP	
A1	New IFPs were provided in this OCP update
A2	The maps attached to the IFPs accurately depict the land requested for certification which is all located on one block.
A4	1. The Beryl 320 field consists of 160 acres to the W where the dairy facility is located including the livestock housing, feed storage and milk barn. The 160 acres on the E. side is where the current pasture is. a. Prior to the dairy's creation, the W. side had a water right and pivot. Because the conventional sewage lagoon occupies the S. side of this field, the pivot could not rotate all around. b. The applicant convinced the Arizona Water Board to allow them to move the water right to the E. side of the parcel, which had never been farmed before. c. As a result the quality of the ground on which the current pasture resides is a heavy "caliche" type soil, heavy clay but very poor in nutrients. d. The applicant boosted nutrient contents initially by applying composted chicken manure. They have planted two cycles of annuals/year, including a small grain cereal (usually oats) in the winter and sorghum in the summer. Cattle manure from the feed area is spread on the field each year and the cows graze the field. 2. The cropping practices description in section A4 accurately describes practices noted on site. 3. While the Beryl 320 field is irrigated with a center pivot, the Red River fields are irrigated with flooding. See below regarding irrigation water. 4. Oats were just starting to sprout at the time of inspection.
A6 and B2	1. Custom / non-dedicated Equipment Cleaning & Verification: The operation does not own any harvest equipment and all crops harvested on the farm or off farm is not dedicated organic. 2. The description in section A6 stating that for each vendor a clean truck affidavit is generated for each of the weight tickets printed when product is weighed into inventory was verified as accurate. 3. There is no record maintained of the actual harvest equipment cleaning, including the silage chopper or balers. While the silage chopper probably does not pose much of a contamination risk, the baler generally contains a partial bale which needs to be ejected and the equipment blown out. 4. For the 2009 crop season, they will use a combine to harvest the barley produced on the #5 field. Cleaning of the combine was discussed.
B5	The land requested for certification is all in one block. Red River Fields 1,2, and 3 which

	are due to complete transition in fall 2009 are located on the S. side of the paved entry driveway. The remaining fields are on the N. side. The border description on p. 4 of the OSP is accurate. The county road on the E is well removed from the fenced pasture and the applicant stated that the county mows the weeds along this road.
B7	The OSP indicates that written notification was sent to Utility companies and aerial spray companies regarding the land's organic status and this information was verified.
B8	All fencing, corals and areas in contact with livestock and soil are either concrete or steel. No wood or treated lumber was seen.
C1	While raw / aged manure is applied to the pasture fields, it is not composted. The pastures did not include any legumes or deep rooted forage species such as alfalfa, clovers, chicory, etc.
C3	The crop rotation described in section A is accurate. The applicant stated that tilling the pastured ground 2x / year had the effect of breaking parasite cycles. While it is possible to directly drill forage oats and other seeds into stubble, the applicant stated that this fall, they needed to incorporate manure that was spread in the fields prior to planting. Lots of stubble, crop residue and manure residues were observed on the soil surface. The applicant stated that they left the sorghum too long in the ground this year prior to planting the oats. This created the situation witnessed during the inspection, where all the ground was tilled up and not available for grazing. Ideally, the applicant stated that in the future, they would time the cropping cycles such that there would always be ground available for grazing.
C4	The Hickman poultry manure was only used once as noted above. 15 T of farm produced manure/ac was applied this year.
D1	Rainfall is very intense when it does rain but fields are nearly level so the rain does not have many places to go but down in the soil, or puddle on top. The clay soils have a crusting problem so have to stray moist to allow the plants to germinate properly. Wind erosion could be an issue. The area in general is very dusty. Feedlots can be seen miles away from the dust clouds they generate and the big wide open expanse of the desert.
D3	1. Organic ground is all irrigated with a well that puts out 1500 gallons/min from an aquifer. Some land in the area is also watered by Colorado River water via the Central Arizona Project. 2. Most of the land in the area is allowed 4-acre feet of water per year and this is very closely monitored. 3. Cotton and corn use 6 acre-feet and alfalfa will take 7 acre-feet. 4. Winter pasture of oats/cereal grains gets established with 2- 2.5 ac/ft. used up to the end of April. By then, they are planting the summer pasture with sorghum Sudan. 5. In order to meet that demand, they may dry up a few fields in other portions of the farm. More water may also be available from the water district. They accumulated some water during years when the dairy was not in operation (the "water bank"). 6. The applicant stated that since many farms have gone out of business and been replaced by development, the water table has gone back up a bit.
D6	The OCP states that inputs are not applied through the irrigation system. However, lagoon water from the non-organic dairy is pumped back to the conventional lagoons. From there it is pumped to the well and injected into the well's output and thereby distributed to all fields except for the center pivot as particulates in the lagoon water could clog irrigation nozzles.
	Dairy OCP
A1	Map of the dairy was confirmed accurate.

<table>
<tr><td>B1 Origin of Livestock, 12 Month Transition</td><td>The organic dairy herd was started in June of 2007 using a group of heifers that were transitioned in Oregon. This part of the transition was verified in the 2007 inspection (November).</td></tr>
<tr><td>B2 Conversion of Replacement Animals</td><td>1. Two more groups of heifers entered the herd in 2007, one group on 6/5/07 (known as the X group) and a second on 9/21/07 (known as the Y Group). From the DHIA plus program a list of fresh heifers was generated with the date calved and the date that they were brought to the organic side of the dairy.
2. Here is a summary of these group's progress through the transition:
<table>
<tr><th></th><th>X Herd</th><th>Y Herd</th></tr>
<tr><td>Left herd</td><td>11</td><td>4</td></tr>
<tr><td>Calved</td><td>106</td><td>74</td></tr>
<tr><td>Pregnant</td><td>1</td><td>51</td></tr>
<tr><td>Kicked Back</td><td>1</td><td>?</td></tr>
<tr><td>Total accounted</td><td>119</td><td>129</td></tr>
<tr><td>Actual Total</td><td>119</td><td>130</td></tr>
</table>
a. It was noted that Heifer Y476 aborted on 8/6/08, approximately 6 weeks prior to the end of the 12-month transition period.
i. The Vet check Audit Report from 5/22/08 listed animal Y476. It indicated that she was pregnant 129 days as of 5/22/08 and would need an additional 150 days before coming to term. This is evidence that the 8/6/08 event really was an abortion.
ii. Records showed that this animal was placed into the milking string instead of being sent to the conventional dairy as directed by their SOPs.
iii. It was noted that all other animals had gone through their transition, as documented in the attached records. This event was isolated and the applicant was very surprised when we came across this record.
b. One animal out of the Y herd was not accounted for. It is possible that she was not kept in the organic herd and was instead placed in the conventional herd.</td></tr>
<tr><td>B3</td><td>During the tour of the heifer facility on the conventional dairy side, several animals were seen with "z" tags. These are calves that were born from organic mothers, that will never be chosen for organic cows because that would constitute moving an animal out of organic and then back in. The OCP did not include the description of this identification practice on p. 5.</td></tr>
<tr><td>C1</td><td>The organic feed storage, mixing equipment etc, is located next to the organic dairy, about 1/8th of a mile from the edge of the conventional dairy. The organic feed truck was seen at the shop used for both dairies. The truck is brought to the shop 1x/day to blow out the air filters and do maintenance. The truck operator confirmed that this was the only time that this truck was brought to the non-organic side of the facility.</td></tr>
</table>

C2	The applicant joked that there are three rations, one that the nutritionist prescribes, one that actually gets mixed, and one that actually gets eaten by the cows. The company very carefully tracks feed inventories. These are compared with projected feed amounts used. They discussed instances where feed truck operators were terminated for substituting feeds such as silage, when hay was called in the ration, or not emptying the left over feed from the loader back into the stacks, and instead dumping it into the truck with a partial load of the next ingredient. Given the distance between the organic and the conventional feed storage bunks/mixing areas, it is very unlikely that operators would actually substitute non-organic ingredients for organic ingredients.
C4	One block of Redmond salt was still on hand but had not been put out
C Feed Audit	All feed purchased or harvested is weighed before it is placed in storage. Purchase documentation is filed with all weight tickets attached. Monthly inventories are carried out and in and out quantities are reconciled using these inventories. Data from the Easy Feed program is used to match usage data from the inventories and purchases. However, it was noted that many times, for various reasons, these did not correspond, as explained below.

Alfalfa Hay 4/1/08 – 10/1/08	
BI	5,371,405
EI	8,915,125
Purchases	7,642,540
Available	4,098,820
Usage per Easy Feed	4,844,570
Usage w/ Inventory Adjustments	4,105,820
Difference	-7,000
Tons Difference	-3.5

Purchases were validated using the weight tickets and the difference below is negligible

Grains April 1 – September 30	
BI	533,960
EI	1,277,740
Purchases	2,508,000
Available	1,764,220
Usage in Easy Feed	2,549,097
Corn Used	342620
Milo Used	386440
Barley Used	1,820,037
Calculated Usage (from Inventory)	1,764,220
Difference	-55,817

Whether it is barley, corn, milo, these are counted as "grain" in the ration. Purhases were validated using the weight tickets and the difference above is negligible.

Grain Meals including Soy, sesame (no flax □urchased in 08), 1/1/08 to 9/30/08			
	Total	Soy Meal	Sesame Meal
BI	41,409	41,409	0

EI	347,257	145,628	201,629
Purchases	966,319	526319	440000
Available	660,471		
Easy feed	1,153,321	777,816	375,505
Adjusted Calculated	660,471	422,100	238,371
Difference	-492,850		

1. Invoices from Grain Millers were difficult to match with the list of weight tickets. Containers and large trucks sometimes can't be weighted because the silage Inoculant dispenser is in the way of the truck. Furthermore, the Grain Millers invoices are very late and then get filed away in other months. Nevertheless, the invoices weight tickets for the sesame confirmed that these were organic.
2. The above difference between Easy Feed reports and the calculated inventor 1/3rd higher than what could be expected. The following explanations were provided:
   a. Feed sheet tallies from January to October were studied. The highest pounds possibly fed were used in the analysis. For October Easy feed lists 173,600 pounds but the feed sheets only list 113,460 pounds. Similarly for September Easy Feed lists 145,400 pounds and the feed sheets list 81,000 pounds. According to the applicant, even though Easy Feed is used to generate the daily feed sheets, the usage reports are drawing additional data from other old and current uses. They indicated that the impending move to Feedwatch will address this directly.
   b. Easy Feed generates the ration sheet for the day. Because the milk ration is too big for the truck John, splits it into two and in the process creates two more ration sheets. This leads the computer to think that three loads are being mixed when in fact only two are being mixed. This showed up for the meals because they are the main ingredient and heaviest ingredient in the ration. And for the most animals (the milk cows).
   c. They have all of the infrastructure in place to start using Feedwarch which will allow the feed truck scale to directly communicate with the computers in the office. This will allow them to more closely monitor actual amounts being loaded.

D1

1. Livestock Species. The applicant is aware that while Holsteins are the standard milk-producing breed, they are not necessarily well adapted to grazing or the heat. Other breeds such as Jerseys and milking short horns could be better adapted to this region. We discussed Brahma cattle but their milk is not desirable to the public, with a very high fat content, and not desirable for commercial production with about 10#/day of output. They are however very well adapted to the heat. The applicant discussed the possibility of introducing other genes from some of these breeds into his herd.
2. Paraciticides: The applicant confirmed the statement in the OCP p. 7 during the interview. Pyganic was seen on site.
3. The applicant stated that the pyganic had been used and this was recorded on a calendar but he did not find the pages to the calendar so they could be verified.

D2	1. Hoof warts are endemic to the herd/living environment. 2. Copper sulfate footbaths are used at the entrance and exit to the milk parlor. These are changed 2x/week and a total of 160 pounds/week of the material is used. Alternative materials were discussed but no other effective and allowed materials are known. 3. The applicant stated that since the herd recovered from the disastrous experience they had in Oregon, the cows' immune system had improved and as a result their hoof health was much better. 4. Hoof warts are treated directly by hoof trimming and wrapping the hoof with a bandage and with copper sulfate beneath.
D3	The current barn is only ½ filled so the square foot figures listed on p. 7 of the OCP appear accurate.
D4 – Physical Alterations	All physical alterations take place at the conventional dairy facility since this is where all of the replacement animals originate. While the dehorning practice was not directly observed, it was discussed and the applicant stated that they burn off the horn nubs within 30 days of the calf's life. Some are occasionally missed and then left alone. Once they grow up, it is common to see some animals with stunted, nubby horns and the applicant mentioned one animal which had to have the very tips of the horn trimmed for its safety in the headlocks and around other animals/personnel.
D5	Calves are vaccinated and cared for in the conventional dairy prior to transitioning to organic. Few vaccines were seen in the medicine storage area.
D6 Synthetic Medicines	Very few materials were on hand at the dairy because on one hand, few are needed and on another, the applicant has not had access to information necessary to determine the acceptability of materials they wish to use such as lactated ringers and concentrated intra venous mineral supplements for milk fever, etc. While they rely on their interpretation of the National List and the OMRI list, QAI has not been used as a resource for approving materials and treatment protocols.
D7 – paraciticides	The applicant stated that Ivermectin is not used in the dairy and no evidence of use was noted during the inspection.
D9- Antibiotics	The statement on page 9 of the OCP was confirmed accurate through audit of the health care records and observations: no antibiotics are stored on the premises and the applicant stated that an animal needing treatment is brought to the conventional dairy rather than bringing a syringe to the organic dairy.
E1) Living Conditions	The cows are in what is called a "Saudi Barn" which consists of leetos with a concrete floor. Air temperature is controlled with fans and misters.
E2/S11 Pasture Acreages and animal numbers	1. For the 2008 winter, the ~~140~~ 120 acres of pasture on Beryl 320 was the extent of available land 2. The applicant stated that this first year of providing pasture to cows at the Shamrock dairy was not very successful for the lactating cows but as far as the heifers and the dry cows, they did benefit from this access. Overall: a. Pastures were split up into paddocks. This will be improved upon next year when Red River 6 becomes available. The pastures are planned to be split into 6 or 7 pieces. Plans are to install a concrete walkway and shade structures in the dry corners of Beryl 320. b. Milk cows were curious about having the gates open and ventured into oats, in the first 1/3rd of the pasture closest to the feed area and ate that down pretty well and quickly. After that, the cows lost interest and stayed in the shade of the feed area where they were provided with a complete ration at 100%. i. In essence, the applicant provided access to pasture but did not force

them by limiting the feed and putting them out to eat.

c. Dry Cows and heifers were used to eat up all of the remaining pasture that was in oats and it was stated that they did a good job of it.

d. While the oats were a good choice of forage, the sorghum was not and the cows did not have any interest in this. The heifers did forage in the sorghum but the applicant stated that they lost weight in the process so they were removed.

   i. The feed audit revealed that a total of less than 6T to the acre of sorghum silage was harvested when locally, it was stated that yields go from 10 to 20T/ac. This shows that cows were foraging in the stand.

   ii. Sudan grass was used the previous year (summer of 06) when the first batch of heifers completed their transition after their experience in Oregon. The Sudan grass when its stressed puts out prussic acid which imparts a bad taste to the milk and is not healthy for the animal. Therefore for the 2009 summer, plans are to use Brown Midrib Sudan sorghum hybrid, which it was stated has a success of grazing in the south.

e. Beryl 320 has 120 acres of pasture available, the rest of the 160 acres are dry corners.

f. The following table explains how this first grazing season panned out in relation to animal numbers and acres available in pasture:

	Animal #			Acres Available		
Month	MC	DR	H	Cow	DC & H	Crop
February	743	4	253	100	20	Oats
March	730	16	367	100	20	Oats
April	701	43	365	0	120	Oats
May 15th	701	24	365	0	120	Oats
May 16th On	701	24	365	0	0	Crop Switch
June	663	88	471	0	0	Crop Switch
July	624	184	398	0	120	Sorghum
August	627	195	374	0	0	Sorghum
September	635	179	365	0	0	Sorghum
October	672	189	308	0	0	Sorghum
November	672	189	308	0	0	Crop Switch
Average #	679	103	358			
			Total Animal #	1140		

g. Grazing of the oats started in mid to end of January.

h. The heifers tried to graze the sorghum for about 10 days in July.

3. Next year, the dry cows and heifers will be in Red River 4.

E3 Pasture Access Restriction

1. Cows are not provided access to pasture nor would they go to pasture, on very hot days.
2. Pasture access is restricted from Mid- June through September due to extreme heat. During that time, it is necessary to keep the ground moist constantly to keep up with the water demand of the annuals planted.

   a. When allowed on pasture, the milk cows did not all have access at the same time. The applicant did not have detailed records on the times cows were

	allowed but stated that the gates to the pastures were open based on milking times. i. When the first three pens were done milking, they were given 1.5 hours access to the pasture. ii. When the second 3 pens were done milking, they got 1.5 hours access to the pasture. At the end of milking all of the gates to the pasture for the milk cows were shut so in essence the last 125 cows would therefore not have any pasture access greater that 15 minutes. b. However, by the time the second set of pens were out on pasture, temperatures were high and the cows did not have any incentive to go out it was stated.
E4 Confinement Log	1. A sample of the access/confinement log was provided in the OSP and it is not very detailed. 2. The pasture log shows that access was denied from 4/5/08 to 4/8/08 due to irrigation. 3. This points out to the fact that the fences are not set up to allow the irrigation pivot to move throughout the field and so, each time they water, moveable electric fencing has to be removed. a. While this is not an issue in the winter when the irrigation is not as needed, the summer time heat requires the pivot to be on in 4 day cycles to keep up with crop demand/evapo-transpiration. b. T posts, woven wire and ranch type gates are planned for the summer of 09 to address this issue. 4. The grazing cells that were in place for the 08 Season were not seen because they had just worked the field.
E5 Bedding	Confirmed that bedding is not provided. The applicant stated that the loafing areas are scraped daily and that the wet manure is allowed to dry in the sun. During the hot summer months, they will orient the fans towards the outside of the sheltered area, so that the cows move out of the shelter and this allows the manure there to dry.
H) Cleaning and Sanitation	1. A typical CIP system used in dairy facilities is in place and automated cleaning sequences consist of: a. Water rinse b. Hot water wash with an alkaline soap (Conquest) mixed with sodium hypochlorite c. Warm water rinse d. Cold water mixed with an acid sanitizer (Mandate Plus). 2. Prior to milking, the lines are flushed with water and a pH test is taken periodically to verify that the acid sanitizer was completely removed. The pH of the fresh water was measured at 8.2 and the well log originally shows 8.5 but the applicant stated that they use a pH paper and verify to pH 6. 3. Milk tanks are simply allowed to drain out completely and because they are not filled right away probably dry out some. a. Other than what is described above, there is no intervening event between the use of the Mandate Plus and the contact with organic milk. b. Mandate Plus is composed of Nonanoic acid and decanoic acid.
I Pest control	The description in the OCP was confirmed correct.
K 2 Milk Production Audit	The month of February was reconciled and the following was determined: 1. Weight tickets on file added up to 1,282,520# 2. The daily milk production report indicated that one weight ticket for 2/15/08 was missing and that total figure was 1282520 pounds.

	3. The month end report that discloses the total amount they were paid for lists 1282520 pounds. 4. Average production per the daily milk sheet was 59 #/ head which is reasonable for two milkings at that time of the year.
K 6 Feed Supplier Certificates	Certificates for all feed suppliers were on file, verified and current per the data entered in the organic ingredients page of the IVF.
C: Product Profile(s)	
Ref #	Description of Discrepancy /Relevant Observation
	Crops
SI 16 – IFPs	1. Cochise Barley purchased was not organic and the commercial availability worksheet was provided in the OSP. 2. Oat seed used was organic per the documentation provided 3. Milo seed planted in the summer of 2008 was not certified organic. Bags were seen in storage and confirmed that it was not treated. It was noted that the seed tags referened "Best Organics" and the applicant indicated that the seed was at one point certified but that the handler was not certified and so they purchased it as non-organic.
SI 18 – Annual Input Records	1. Just manure and seeds this year.
	Dairy Profiles
SI 2 – IFRs: Dairy	1. Silage inoculants consist of: a. Feed Tech Silage Custom Chop Inoculant – De Levall: The OMRI certificate for the Feed Tech was on file and verified current and a receipt for "Silage Custom Chop – Organic". b. Biotal Plus II by Lallemand: The OMRI certificate was on file but expired. The applicant found the input on the Web listing and the purchase receipt on file confirmed this was the material purchased. 2. Feed is discussed above.
SI 6 & MIP – Audit of medical inputs:	It was noted that the herd is quite healthy and does not require many health treatments. Part of the reason is that the herd in general is very young, the oldest cow is R 123 which is 3.75 years old. Milk quality is excellent as noted by the attached milk quality reports. DHI Plus is used to record all medical treatments. While records are kept for hoof problems, other treatments are not tracked. Several cows that were removed from the organic herd were tracked to the conventional herd records where medical treatments were listed. Typical issues include: 1. Retained placenta: Oxytocin has been used as noted in the records and the stock of medicine on site. 2. Hoof warts 3. Pyometrium 4. Metritis

Section 4: ATTACHMENTS
Please list attachments to your report below.

1.	Modesto Milling Mineral label
2.	NRG Organic fat
3.	Daily Micro Counts 14 Pages
4.	Origin of livestock data [illegible] pages

33

5. Photographs

Section 5: Applicant Authorization: *NOP 205.403(a)(2)*

I, the client, hereby acknowledge that I have reviewed and accept these observations of the Inspector and that all information is true and correct to the best of my knowledge. I understand that additional unannounced visits by QAI may be required, for which I hereby give my permission. **I herby acknowledge that all corrective actions noted by the inspector are recommendations only and may be overturned or added to by QAI, and that I will implement corrective actions only after receiving formal notification from QAI.**

APPLICANT SIGNATURE

November 20, 2008
DATE

Section 6: Inspector Authorization:

Under penalty of perjury, I swear that I have reviewed the application and its supporting documents; and that all of the information I have collected and submitted with this inspection package is true to the best of my knowledge. I understand that if I fraudulently misrepresent information, or violate the terms and conditions of the Inspection Agreement, I am liable for all damages rendered by a court of law. I further indemnify and hold harmless Quality Assurance International, its agents and all others from liability for mistakes I knowingly commit. In addition, I attest to the following (*please initial*):

1. [redacted] I understand that neither I nor an immediate family member are currently providing consulting services or in any way involved commercially with this operation. Furthermore, I understand that neither I nor an immediate family member may engage in such activities within the next 12 months without first informing QAI.

2. [redacted] I attest that I have not accepted payment, gifts, or favors of any kind from the operation inspected.

3. [redacted] I understand that I am required to submit my inspection report to QAI within 10 days of inspection. If I am not able to submit my report in the allotted time frame it must be approved by QAI or my inspection fee will be subject to a delayed payment penalty of 30 days.

[redacted]

INSPECTOR SIGNATURE

November 20, 2008
DATE

Section 7: Report Copy:

A copy of this completed report will be provided to you by QAI per *NOP 205.403(e)(2)*.

Commercial Availability Worksheet

CERTIFIED ORGANIC

A) **DATE:** 10-13-08

B) **COMPANY NAME:** SHAMROCK FARMS

C) **PERSON COMPLETING THIS FORM:** JIM WHITEHURST

The National Organic Program defines commercially available as "the ability to obtain a production input in an appropriate form, quality, or quantity to fulfill an essential function in a system of organic production or handling, as determined by the certifying agent in the course of reviewing the organic plan." Please note: Cost is not an allowable reason for using a non-organic form of an input.

At least three attempts to source an organic equivalent of an agricultural production input from a relevant source must be made each year to demonstrate current commercial unavailability.

D) **AGRICULTURAL INPUT**:** BARLEY SEED

** For Producers, "agricultural input" refers to seeds and planting stock. For Processors, "agricultural input" is any non-organic agricultural ingredient used in "Organic" products.

E) **SOURCES:**

NAME and ADDRESS of SOURCE	METHOD of CONTACT	DATE	REASON ORGANIC EQUIVALENT IS UNAVAILABLE (You may choose to attach supporting documentation from your source now or relevant documentation from each source will be verified at your next inspection.)
1. HELENA P.O. BOX 11147 CASA GRANDE AZ. 85222	☒ Phone ☐ Email ☐ Fax ☐ Regular Mail	10-3-08	☐ Quality ☒ Quantity ☒ Form Please check at least one reason and provide further justification here: UNABLE TO LOCATE ANY CERT. ORGANIC BARLEY SEED
2. LOCKWOOD SEED 26777 CHOWCHILLA BLVD. CHOWCHILLA CA 93610	☒ Phone ☐ Email ☐ Fax ☐ Regular Mail	10/3/08	☐ Quality ☒ Quantity ☒ Form Please check at least one reason and provide further justification here: DID HAVE SOME CERT. SEED BUT NOT IN THE QUANTITY NEEDED NOR OF A VARIETY SUITED FOR ARIZONA
3. TEE PEE SEEDS 6721 W. VILLA ST. #12 PHOENIX, AZ. 85043	☒ Phone ☐ Email ☐ Fax ☐ Regular Mail	10/3/08	☐ Quality ☐ Quantity ☐ Form Please check at least one reason and provide further justification here: COULD NOT SECURE CERT. ORGANIC SEED DID FIND NON TREATED NON GMO SEED

PLEASE NOTE: By June 9, 2007, all non-organic agricultural ingredients in products labeled as "organic" must be listed on 205.606 AND must be demonstrated as commercially unavailable. If these ingredients are not listed on 205.606, by June 9, 2007, you will be required to either source the organic version, OR change your labels to a "made with organic..." claim. To have ingredients reviewed for inclusion on 205.606, you must petition the USDA NOP. For information on the NOP Petition process, please visit www.ams.usda.gov/nop/Petition/PetitionHome.html.

BARKLEY SEED, INC.

October 13, 2008

Tee-Pee Seeds
Attn: Terry Pedigrew
6721 W. Villa Street #12.
Phoenix, AZ 85043

Dear Terry:

Our records show that Tee-Pee Seeds has purchased (b) (4) lbs of Cochise barley seed, lot number 2238. Lot number 2238 was not treated with a seed fungicide.

Cochise barley is a NON-GMO variety.

Please let me know if you need additional information.

Sincerely Yours,

(b) (6)

Alan Rubida

P.O. Box 5540 Yuma, AZ 85366-5540 (928) 782-2571 (928) 782-4656 Fax www.barkleyseed.com

Tee-Pee Seed Co.
6721 West Villa Street #12
Phoenix AZ 85043-2348
623-936-8423 Office
623-478-8701 Fax
602-919-5765 Cell

Invoice # 08-0097

Date 10/29/2008

P.O. #

Bill To:

Name: SHAMROCK ORGANIC FARMS
Address: 40034 WEST CLAYTON ROAD
City: STANFIELD AZ. 85272

Ship To:

Name:
Address:
City: State & Zip:

Item	Description	Lot/Germ	Quantity	Rate	Amount
BARLEY	COCHISE	2238	27,500 LBS.	$.35 / /LB.	$9,625.00
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -

TOTAL DUE: $9,625.00

PLEASE SUBMIT PAYMENT UPON RECEIPT OF INVOICE
TERMS: NET 30 DAYS FROM DATE OF INVOICE
FINANCE: FINANCE CHARGE OF 2% PER MONTH OR 24% ANNUALLY ON ALL PAST DUE ACCOUNTS
PRICES SUBJECT TO CHANGE ACCORDING TO AVAILABILITY

NOTICE: Tee-Pee Seed Company warrants to the extent of the purchase price only that seed sold hereunder are as described on the label within recognized tolerances. NO OTHER WARRENTY IS GIVEN, EXPRESSED OR IMPLIED, OF THE MERCHANTABILITY OR FITNESS OF THE SEEDS FOR ANY PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY AGAINST LOSS OF YIELD DUE TO ANY CAUSE. Under the laws of several states arbitration, conciliation of mediation is required as a prerequisite to maintaining a legal action based upon the failure of seed. Please see seed container label for details.

Thank You
Your Business is Appreciated
Terry Pettigrew

SHAMROCK FARMS CO.

Tee-Pee Seed Co.

310366

Check Number: 310366
Check Date: May 15, 2008

Check Amount: $10,200.00

Item to be Paid - Description	Discount Taken	Amount Paid
8-0059		10,200.00

Commercial Availability Worksheet

CERTIFIED ORGANIC

A) **DATE:** 11-1-08

B) **COMPANY NAME:** SHAMROCK FARMS

C) **PERSON COMPLETING THIS FORM:** JIM WHITEHURST

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At least three attempts to source an organic equivalent of an agricultural production input from a relevant source must be made each year to demonstrate current commercial unavailability.

D) **AGRICULTURAL INPUT**:** OAT SEED

** For Producers, "agricultural input" refers to seeds and planting stock. For Processors, "agricultural input" is any non-organic agricultural ingredient used in "Organic" products.

E) **SOURCES:**

NAME and ADDRESS of SOURCE	METHOD of CONTACT	DATE	REASON ORGANIC EQUIVALENT IS UNAVAILABLE (You may choose to attach supporting documentation from your source now or relevant documentation from each source will be verified at your next inspection.)
1. LOCKWOOD SEED 26777 CHOWCHILLA BL. CHOWCHILLA CA. 93610	☒ Phone ☐ Email ☐ Fax ☐ Regular Mail		☐ Quality ☐ Quantity ☐ Form Please check at least one reason and provide further justification here: ORGANIC IS AVAILABLE CAYUSE OATS.
2.	☐ Phone ☐ Email ☐ Fax ☐ Regular Mail		☐ Quality ☐ Quantity ☐ Form Please check at least one reason and provide further justification here:
3.	☐ Phone ☐ Email ☐ Fax ☐ Regular Mail		☐ Quality ☐ Quantity ☐ Form Please check at least one reason and provide further justification here:

PLEASE NOTE: By June 9, 2007, all non-organic agricultural ingredients in products labeled as "organic" must be listed on 205.606 AND must be demonstrated as commercially unavailable. If these ingredients are not listed on 205.606, by June 9, 2007, you will be required to either source the organic version, OR change your labels to a "made with organic..." claim. To have ingredients reviewed for inclusion on 205.606, you must petition the USDA NOP. For information on the NOP Petition process, please visit www.ams.usda.gov/nop/Petition/PetitionHome.html.

CALIFORNIA CROP IMPROVEMENT ASSOCIATION

California Crop Improvement Association
Parsons Seed Certification Center
University of California
One Shields Avenue
Davis, California 95616-8541
(530) 752-0544 ccia.ucdavis.edu

USDA ORGANIC

certifies that

Lockwood Seed & Grain
26777 Chowchilla Blvd.
Chowchilla, CA 93610

managed by

Arcenio Mello

Meets National Organic Standards established by the United States Department of Agriculture – National Organic Program for:

Organic Production Category: Processing/Handling
Product(s): Agricultural Seeds, either as simples or in blends; Oat, Wheat, Field Corn, Perennial ryegrass, Fava beans, Peas, Vetches & Barley
Location: 26777 Chowchilla Blvd. Chowchilla, CA 93610
First Certified: September 16, 2005

This certification is valid until surrendered, suspended, or revoked, according to USDA-NOP [7 CFR 205.404(c)]

Signature of Certification Agency

January 10, 2008
Date

Organic Producers/Handlers/Processors Application and Registration

Company Name:	A.L Gilbert DBA Lockwood Seed Grain	Principal County Code Number:	20
Contact Person:	Arcenio K. Mello/Kevin Sherrod	County Registration Number:	20-0074
		Principal County :	Madera
		Expiration Date:	2/ 1/2009
Address:	26777 Chowchilla Blvd		
	Chowchilla. CA 93610		
Phone:	(559) 665-5702		
Fax:	(559) 665-4911		
CO Name:	California Crop Improvement As		
CO Address:	Seed Certifcation Center Universitv of California Davis. CA 95616		

REGISTRATION FEE

CATEGORY	AMOUNT
Producer (P):	$0.00
Handler (H):	$0.00
Processor (PR):	$450.00
Late Penalty:	$0.00
TOTAL ANNUAL FEE:	$450.00

Code	Commodity	Variety/Breed	Location Grown/ Received From	Yearly Gross Sales	Categ.	Acre Unit
4206	Vetch	Lana	See Attached List # 1		PR	0
4304	Oats	Cayuse	See Attached List # 1 & 5		PR	
4304	Oats	Montezuma	See Attached List # 2		PR	
4304	Oats	Kanota	See Attached List # 2		PR	
4304	Oats	Swan	See Attached List # 2		PR	
4304	Oats	Cal Red	See Attached List # 3,7,4		PR	
4206	Vetch	Purple	See Attached List # 4,9		PR	
4311	Wheat	Juan Triticale	See Attached List # 4		PR	
2702	Peas (fresh market)		See Attached List # 6,12		PR	
4202	Beans (Dried)	Bell (Fava)	See Attached List # 1 & 5,11		PR	0
4303	Field Corn		See Attached List # 7,10		PR	
4301	Barley	Belford	See Attached List # 8		PR	
4308	Ryegrass	Calibra Tetraploid	See Attached List #9		PR	
4311	Wheat	Forerunner Tritiche	See Attached List # 6		PR	
4206	Vetch	Common	See Attached List # 12		PR	

Lockwood Seed and Grain
26777 CHOWCHILLA BLVD., CHOWCHILLA, CALIF. 93610
(559) 665-5702 FAX (559) 665-4911

INVOICE

CUSTOMER

INVOICE NUMBER: 0091432-IN
INVOICE DATE: 10/31/2008
SALESPERSON: KEVI
SHIP DATE: 10/28/2008

SHAMROCK FARMS
40034 W. CLAYTON ROAD
P.O. BOX 280
STANFIELD, AZ 85272

CUSTOMER NO.: 00-SHAM
CUSTOMER P.O.:
SHIP VIA: CALVALAS
TERMS: NET 30 DAYS

CODE	DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT
32CYORGANIC	CERT. ORGANIC CAYUSE OATS CERT REGISTRATION 20-0074 Lot Number: ORG CAYUS 8-613	LBS	18,000.00	0.4200	7,560.00

Net Invoice:	7,560.00
Freight:	0.00
INVOICE TOTAL	7,560.00

311546

AMROCK FARMS CO.

Lockwood Seed and Grain

Check Number: 311546
Check Date: Nov 10, 2008

Check Amount: $7,560.00

Item to be Paid - Description	Discount Taken	Amount Paid
0091432-IN		7,560.00

Commercial Availability Worksheet

CERTIFIED ORGANIC

A) **DATE:** _____

B) **COMPANY NAME:** SHAMROCK FARMS

C) **PERSON COMPLETING THIS FORM:** JIM WHITEHURST

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D) **AGRICULTURAL INPUT**:** MILO SEED

** For Producers, "agricultural input" refers to seeds and planting stock. For Processors, "agricultural input" is any non-organic agricultural ingredient used in "Organic" products.

E) **SOURCES:**

NAME and ADDRESS of SOURCE	METHOD of CONTACT	DATE	REASON ORGANIC EQUIVALENT IS UNAVAILABLE (You may choose to attach supporting documentation from your source now or relevant documentation from each source will be verified at your next inspection.)
1. HELENA P.O. BOX 11147 CASA GRANDE, AZ 85222	☒ Phone ☐ Email ☐ Fax ☐ Regular Mail	5/10/08	☐ Quality ☐ Quantity ☒ Form Please check at least one reason and provide further justification here: COULD NOT LOCATE CERT. MILO SEED
2. LOCKWOOD SEED 26777 CHOWCHILLA BLVD. CHOWCHILLA CA. 93610	☒ Phone ☐ Email ☐ Fax ☐ Regular Mail	5/10/08	☐ Quality ☐ Quantity ☒ Form Please check at least one reason and provide further justification here: DOES NOT HANDLE MILO SEED
3. TEE PEE SEED 6721 W. VILLA #12 PHOENIX, AZ. 85043	☒ Phone ☐ Email ☐ Fax ☐ Regular Mail	5/10/08	☐ Quality ☐ Quantity ☒ Form Please check at least one reason and provide further justification here: NO CERT. ORGANIC SEED TO BE FOUND. NON-TREATED NON-GMO SEED AVAILABLE

PLEASE NOTE: By June 9, 2007, all non-organic agricultural ingredients in products labeled as "organic" must be listed on 205.606 AND must be demonstrated as commercially unavailable. If these ingredients are not listed on 205.606, by June 9, 2007, you will be required to either source the organic version, OR change your labels to a "made with organic..." claim. To have ingredients reviewed for inclusion on 205.606, you must petition the USDA NOP. For information on the NOP Petition process, please visit www.ams.usda.gov/nop/Petition/PetitionHome.html.

PGI
ALFALFA

May 2008

To Whom It May Concern:

The Producers Choice/PGI alfalfa variety genetics listed below were developed under conventional breeding methods:

Best Organics

While there is truly no organic grown seed available of this variety, it is a non-gmo.

This seed was not treated prior to bagging, however, was not bagged in a "Certified Organic approved facility". We did not have that available at the time of bagging.

Please feel free to call me if you have any questions

Regards.

(b) (6)

Brenda Le Severson
Alfalfa Sales Administrator

Tee-Pee Seed Co.
6721 West Villa Street #12
Phoenix AZ 85043-2348
623-936-8423 Office
623-478-8701 Fax
602-919-5765 Cell

Invoice # 08-0059

Date 5/8/2008

P.O. #

Bill To:

Name: SHAMROCK FARMS
Address: P. O . BOX 280
City: STANFIELD State & Zip: AZ. 85272

Ship To:

Name:
Address:
City: State & Zip:

Item	Description	Lot/Germ	Quantity	Rate	Amount
SORGHUM	BEST ORGANICS	P7C23UT	150 BAGS	$68.00 / BG	$10,200.00
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -

TOTAL DUE: $10,200.00

PLEASE SUBMIT PAYMENT UPON RECEIPT OF INVOICE
TERMS: NET 30 DAYS FROM DATE OF INVOICE
FINANCE: FINANCE CHARGE OF 2% PER MONTH OR 24% ANNUALLY ON ALL PAST DUE ACCOUNTS
PRICES SUBJECT TO CHANGE ACCORDING TO AVAILABILITY

NOTICE: Tee-Pee Seed Company warrants to the extent of the purchase price only that seed sold hereunder are as described on the label within recognized tolerances. NO OTHER WARRENTY IS GIVEN, EXPRESSED OR IMPLIED, OF THE MERCHANTABILITY OR FITNESS OF THE SEEDS FOR ANY PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY AGAINST LOSS OF YIELD DUE TO ANY CAUSE. Under the laws of several states arbitration, conciliation of mediation is required as a prerequisite to maintaining a legal action based upon the failure of seed. Please see seed container label for details.

Thank You
Your Business is Appreciated
Terry Pettigrew

311550

MROCK FARMS CO.

Tee-Pee Seed Co.

Check Number: 311550
Check Date: Nov 10, 2008

Check Amount: $9,625.00

Item to be Paid - Description	Discount Taken	Amount Paid
08-0097		9,625.00

HERD PASTURE PROFILE (HPP)

Please provide the following required information for each organic herd that comes under your control.

A) Name of location: Shamrock Farms Co.

B) Person completing this form: James Whitehurst Date: 11/15/2008

C) Number of Organic Pasture Acres 160

D) Type of Livestock intended for Slaughter or Dairy (e.g. type of breed): Holstein

E) Please complete the table below to provide feed information for your animals, separated by age group on a per day basis. For livestock operations, "feed units" are usually represented in pounds (#); however, it is not required to define a feed unit in this manner. Please provide the measurable unit your operation uses.

F) Please include pasture information, specifically regarding feed units provided to your animals, also separated by age group on a per day basis. Please note that this information is considered an estimate only. All feed units should be representated as dry matter.

Age Group	# of Animals in Age Group	Production Status (e.g. calves, milking, sows, beef cattle, etc.)	Pasture Fields Provided to this Age Group (e.g. field names or numbers)	Acreage of Pasture Fields Provided (e.g. total number of acres for each field listed)	Number of Feed Units Fed to each Age Group per day	Estimated Number of Pasture Units Fed to each Age Group per day
16 mos.	125	Heifers	Berl 320	160	20 lbs.	1 acre
22 mos.	123	Springers	Berl 320	160	24 lbs.	1.25 acres
24+ mos.	200	Dry Cows	Berl 320	160	24 lbs.	2.5 acres
24+ mos.	550	Milking	Berl 320	160	20 lbs.	5.5 acres

Inspector Use Only

MEDICAL INPUT PROFILE (MIP)

Please provide the following required information for each organic herd under your management.

A) Name of location: SHAMROCK FARMS CO.

B) Person completing this form: JIM WHITEHURST Date: 11-17-08

C) Type of Livestock intended for Slaughter or Dairy (e.g. type of breed): HOLSTEIN

D) Please complete the table below to describe all medical treatments, including teat dips for dairy animals, you plan to use on animals that are under your organic management.

E) Treatments used must be approved per the NOP and, if applicable, to international standards you are seeking certification to. Please attached documentation verifying each treatment/material is compliant. Acceptable documentation includes: certificates from OMRI; other material review certificates; or a full ingredient disclosure such as a product label or letter from the Manufacturer; or any other means you have of demonstrating compliance.

F) If documentation is not attached, please provide an explanation: ALL NO ITEMS: ALL INFO & DOCUMENTATION IS ON FILE AT QAI NO NEW PRODUCTS BEING ADDED.

Inspector Use Only

Type of Treatment (vaccine, homeopathic, veterinary biologic, etc.)	Brand Name or Source of Treatment	Reason for Use	Age of Animal when treated	Documentation is Attached verifying each material is compliant	
				YES	NO
VACCINE	BOVISHIELD GOLD	DISEASE PREVENT	5 DAYS, 50 DAYS, 6 MNTHS, 15 MNTHS, MATURE	☐	☒
VACCINE	BOVISHIELD GOLD 5	DISEASE PREVENT	15 MONTHS AND MATURE	☐	☒
VACCINE	ELECTROID 7	DISEASE PREVENT	4 MNTHS, 6 MONTHS 22 MNTHS, MATURE	☐	☒
VACCINE	LEPTOFERM 5	DISEASE PREVENT	4 MONTHS AND MATURE	☐	☒
TEAT DIP	ECO PLUS 100	MASTITIS PREV.	2+ YEARS	☐	☒
TEAT DIP	ECO PLUS 50	MASTITIS PREV.	2+ YEARS	☐	☒
VACCINE	TSV 2	DISEASE PREV.	11 DAYS	☐	☒
				☐	☐

PAGE 1

2008/09			Medical Input Profile	
			Shamrock Farms Co.	
Type of Treatment	Brand Name or Source	Reason for Use	Age of Animal	Documentation Attached
Botanical	Royal Udder Care	Mastitis/Udder Edima	2+ years	No
Herbal	Royal Optimum Sol.	Scours/Digestive Dis.	calves	No
	Asprin	Anti Inflammatory	All	NOP 205.603(b) (2)
	Glucose	Ketosis/Off Feed	All	NOP 205.603(a) (7)
Hormone	Oxytocin	Retained Placenta	2+ years	NOP 205.603(a) (12)
Lubricant	Mineral Oil	Calving Issues	2+ years	NOP 205.603(b) (5)
Topical Homeo	Copper Sulfate	Hoof/Heel Warts	All	NOP 205.603(b) (1)
Disenfectant	Alcohol-Isopropanol	Clean Wounds	All	NOP 205.603(a) (1) (ii)
Disenfectant	Hydrogen Peroxide	Clean/Ear Infections	All	NOP 205.603(a) (9)
Botanical	UTREsept	Uterine Infections	2+ years	No
Botanical	Hoofmate	Heel Warts	All	No
Parasiticide	Pyganic EC 1.4	Parasite Control	All	No
Parasiticide	Pyganic EC 5	Parasite Control	All	No

Individual Feed Ration (IFR)

Please complete one IFR for each organic feed ration produced at this location.

A) Name of location: SHAMROCK FARMS CO.

B) Person completing this form: JIM WHITEHURST Date:

C) Feed Ration seeking certification: MILK COW

D) This product makes the following claim (products can be labeled making the same or a lower organic claim than they qualify for):
☒ 100% Organic ☐ Organic

E) This product will be produced at this location for: ☐ Packaged Retail Sa ☒ Feed for organic animals at this location

F) List brands/labels (Id Mark) representing this product: N/A

G) Have color labels been attached? ☐ YES ☐ NO, please explain: N/A

H) List processing aids (used in processing but not present in final product): N/A

Product composition:

I) **Agricultural Ingredients**

Ingredient	Name of Ingredient Supplier	Certifier of Ingredient Supplier	Ingredients are grown on-farm at this location?
SOYBEAN MEAL	GRAIN MILLERS	OREGON TILTH	☐ YES ☒ NO
FLAXSEED MEAL	GRAIN MILLERS	OREGON TILTH	☐ YES ☒ NO
SESAME SEED MEAL	GRAIN MILLERS	OREGON TILTH	☐ YES ☒ NO
WHOLE CORN	GRAIN MILLERS	OREGON TILTH	☐ YES ☒ NO

PAGE 1 (SEE ATTACHMENT)

J) **Feed Additive and Supplement Ingredients (including salt)**

Ingredient	Name of Ingredient Supplier	If Synthetic, on the National List 205.603?
SALT	REDMOND MINERAL	☐ YES ☐ NO ☒ N/A, Nonsynthetic
MINERALS	MODESTO MILLING	☐ YES ☐ NO ☒ N/A, Nonsynthetic
FEED TECH SILAGE INOCULANT	FEED TECH	☐ YES ☐ NO ☒ N/A, Nonsynthetic
NRG ORGANIC	ROBT MORGAN INC	☐ YES ☐ NO ☒ N/A, Nonsynthetic
ACID BUFF	FEED WORKS USA	☐ YES ☐ NO ☒ N/A, Nonsynthetic
BIOTOL PLUS III	LLALLEMAND	☐ YES ☐ NO ☒ N/A, Nonsynthetic

K) If any non-organic ingredients are used, is documentation available to verify that each ingredient was produced without:

k1) Excluded Methods (GMOs)? ☐ YES ☐ No, please explain: N/A

k2) Irradiation? ☐ YES ☐ No, please explain: N/A

k3) Sewage Sludge? ☐ YES ☐ No, please explain: N/A

L) If vitamin and/or mineral premixes or salt is used as an ingredient, please attach documentation verifying each material is compliant. Acceptable documentation includes: specification sheets with full ingredient disclosure or any other means you have of demonstrating compliance:

☒ Attached ☐ Not Attached, please explain: N/A ON MINERALS, SALT CERT. ATTACHED

Inspector Use Only

SPARTAN DAIRY RATION EVALUATOR
MICHIGAN STATE UNIVERSITY
COOPERATIVE EXTENSION SERVICE
DEPARTMENT OF ANIMAL SCIENCE
Theo Lykos

Lactating HOLSTEIN cow

Age: 41 months	Lactation #: 1
Body wt: 1300 lbs	Avg gain: 1.0 lbs/day
Milk prod: 70 lbs/day	DIM: 120 days
Milk Fat: 3.6%	Milk Protein: 3.3%
Condition Score: 2.8	Temperature: 70F

ORGANIC Shamrock HIGH 10-21-08

DAIRY VISIONS, LLC.
File: C:\SPARTD2\DRT\ORGSHAM\HIGH1020.DRT 10/21/08

Mix Feed	AsFed	LbsDM	DM	NEl	CP	UndegP	NDF	EfNDF	ADF
			%	Mcal/lb	%DM	%CP	%DM	%DM	%DM
Alfalfa Chop	0.00	0.00	24.0	0.64	24.0	15.0	34.0	28.9	26.0
Sorghum Silage	33.00	8.58	26.0	0.63	5.5	25.0	57.0	54.1	35.0
Alfalfa Hay 180	17.50	15.93	91.0	0.64	21.5	25.0	34.0	32.3	26.0
Flaxseed meal	0.00	0.00	93.0	0.67	38.0	27.0	35.0	8.8	22.0
Water	13.00	0.13	1.0	0.00	0.0	0.0	0.0	0.0	0.0
Oat Hay	1.70	1.56	92.0	0.50	4.4	30.0	70.0	70.0	47.0
Corn grn ground	0.00	0.00	88.0	0.91	9.5	50.0	9.0	2.3	3.0
Wheat Grain Groun	0.00	0.00	90.0	0.95	11.3	20.0	14.0	3.5	4.0
Milo Ground	9.10	8.19	90.0	0.88	11.5	58.0	20.0	5.0	6.0
Barley Ground	9.10	8.37	92.0	0.83	12.9	25.0	25.0	6.3	7.0
Corn Flaked 85%	0.00	0.00	85.0	0.93	9.5	55.0	9.0	2.3	3.0
Soybean Meal 47.5	2.00	1.80	90.0	0.92	51.0	40.0	8.1	2.0	6.1
Sesame meal	3.15	2.96	94.0	0.77	44.0	34.0	28.0	7.0	18.0
Shamr ORG Milk	3.00	2.80	93.2	0.47	4.6	48.8	4.2	1.1	1.4
ORGANIC Rumolac	0.25	0.25	98.0	2.28	0.0	0.0	0.0	0.0	0.0
	lbs	lbs	%	Mcal/d	lb/d	lb/d	lb/d	lb/d	lb/d
Totals by weight	91.80	50.56	55.1	36.35	8.3	2.7	16.2	12.1	9.6
Requirements		46.74	0.0	34.05	8.2	2.3	14.0	10.5	9.3
--differences--	91.80	3.82	55.1	2.29	0.2	0.4	2.2	1.6	0.3

DIET SUMMARY

Nutrient(unit)	Total	Reqt	Nutrient(unit)	Total	Reqt
CP(%DM)	16.49	17.50*	Lipid(%DM)	3.01	0.00
UndegP(%CP)	32.20	27.73	Animal(%Lipid)	6.57	0.00
DegP(%CP)	67.77	56.44	Veg(%Lipid)	86.86	0.00
AbsP(%DM)	11.03	11.29	Inert(%Lipid)	11.17	0.00
SolP(%CP)	26.18	28.22	Ash(%DM)	9.08	0.00
BndP(%CP)	5.25		Ca(%DM)	1.08	1.00*
NEl(Mcal/lb)	0.72	0.73	P(%DM)	0.38	0.43
NEm(Mcal/lb)	0.71		Mg(%DM)	0.39	0.35*
NEg(Mcal/lb)	0.45		K(%DM)	1.56	1.50*
TDN(%DM)	67.39	0.00	Na(%DM)	0.43	0.18
ADF(%DM)	19.06	20.00*	Cl(%DM)	0.52	0.25
NDF(%DM)	32.09	30.00*	S(%DM)	0.25	0.20
EfNDF(%NDF)	74.52	75.00*	Co(ppm)	1.10	0.60*
NFC(%DM)	39.29	0.00	Cu(ppm)	17.85	15.00*
Starch(%DM)	24.79	0.00	Fe(ppm)	56.20	50.00
FermSt(%Starch)	60.39	0.00	I(ppm)	0.77	0.60
Mn(ppm)	68.67	60.00*			
Se(ppm)	0.30	0.30	Cost($/day)	8.08	
Zn(ppm)	75.21	60.00*	Cost($/lbDM)	0.16	
VitA(KIU/lb)	2.87	2.78*	AbsP(lb/d)	5.58	5.28
VitD(KIU/lb)	0.57	0.58*			
VitE(IU/lb)	14.14	16.05*	VitA(KIU/d)	145.26	130.00*
VitD(KIU/d)	29.05	27.00*	VitE(IU/d)	715.11	750.00*

RATIOS & RELATIONSHIPS

% Forage in diet DM	: 51.6%	DMI / Body Weight	: 3.9%
Intake NDF / Body Weight	: 1.2%	Forage NDF / Required NDF	: 81.3%
Cation-Anion (meq/100g DM)	: 43.8	Ca / P	: 2.85

		Individual Feed Ration	
		Shamrock Farms Co.	
Ingredient	Name of Ingredient Supplier	Certifier of Supplier	Ingredients Grown on this Location
Corn	Sierra Organics	CCOF	No
Barley	Sierra Organics	CCOF	No
Alfalfa Hay	Toby Farrow Farms	QAI	No
Alfalfa Hay	Desert Organics	QAI	No
Alfalfa Hay	Tuscanny Farms	Oregon Tilth	No
Alfalfa Hay	Ratliff Farms	Organic Certifiers	No
Alfalfa Hay	Heaven Sent Ranch	CCOF	No
Barley	Daniel Nowlin Farms	QAI	No
Barley	Brett Hale Farms	QAI	No
Barley	Saddlehorn Ranches	QAI	No
Barley	Moratori Farm	CCOF	No
Barley	Ratliff Farms	Organic Certifiers	No
Barley	Shamrock Farms	QAI	Yes
Milo/Sorghum	Shamrock Farms	QAI	Yes
Milo/Sorghum	Daniel Nowlin Farms	QAI	No
Milo/Sorghum	Saddlehorn Ranches	QAI	No
Sudan Grass	Saddlehorn Ranches	QAI	No
Sudan Grass	Shamrock Farms	QAI	Yes
Oats	Shamrock Farms	QAI	Yes

Individual Feed Ration (IFR)

Please complete one IFR for each organic feed ration produced at this location.

A) Name of location: SHAMROCK FARMS CO.

B) Person completing this form: JIM WHITEHURST Date: 11-17-08

C) Feed Ration seeking certification: HEIFER / DRY COW

D) This product makes the following claim (products can be labeled making the same or a lower organic claim than they qualify for):

☒ 100% Organic ☐ Organic

E) This product will be produced at this location for: ☐ Packaged Retail Sa ☐ Feed for organic animals at this location

F) List brands/labels (Id Mark) representing this product: N/A

G) Have color labels been attached? ☐ YES ☐ NO, please explain: N/A

H) List processing aids (used in processing but not present in final product): N/A

Product composition:

I) **Agricultural Ingredients**

Ingredient	Name of Ingredient Supplier	Certifier of Ingredient Supplier	Ingredients are grown on-farm at this location?
SEE ATTACHMENTS			☐ YES ☐ NO
			☐ YES ☐ NO
			☐ YES ☐ NO
			☐ YES ☐ NO

J) **Feed Additive and Supplement Ingredients (including salt)**

Ingredient	Name of Ingredient Supplier	If Synthetic, on the National List 205.603?
		☐ YES ☐ NO ☐ N/A, Nonsynthetic
		☐ YES ☐ NO ☐ N/A, Nonsynthetic
		☐ YES ☐ NO ☐ N/A, Nonsynthetic
		☐ YES ☐ NO ☐ N/A, Nonsynthetic
		☐ YES ☐ NO ☐ N/A, Nonsynthetic
		☐ YES ☐ NO ☐ N/A, Nonsynthetic

K) If any non-organic ingredients are used, is documentation available to verify that each ingredient was produced without:

k1) Excluded Methods (GMOs)? ☐ YES ☐ No, please explain: N/A

k2) Irradiation? ☐ YES ☐ No, please explain: N/A

k3) Sewage Sludge? ☐ YES ☐ No, please explain: N/A

L) If vitamin and/or mineral premixes or salt is used as an ingredient, please attach documentation verifying each material is compliant. Acceptable documentation includes: specification sheets with full ingredient disclosure or any other means you have of demonstrating compliance:

☐ Attached ☐ Not Attached, please explain: N/A

Inspector Use Only

"Theo Lykos"
<theolykos@comcast.net>
09/13/2008 01:17 AM

To <jim_whitehurst@shamrockfoods.com>
cc
bcc
Subject Organic dry/heifers

SPARTAN DAIRY RATION EVALUATOR
MICHIGAN STATE UNIVERSITY
COOPERATIVE EXTENSION SERVICE
DEPARTMENT OF ANIMAL SCIENCE
Theo Lykos

HOLSTEIN Heifer
Age: 22 months
Body wt: 1150 lbs Avg gain: 1.8 lbs/day
Target mature wt: 1260 lbs
Condition Score: Temperature: 90F

ORGANIC Shamrock DRY COWS\HEIFERS 9-12-08

DAIRY VISIONS, LLC.
File: C:\SPARTD2\DRT\ORGSHAM\SPRI0911.DRT 9/13/08

Mix	Feed	AsFed	LbsDM	DM	NEm	NEg	CP	NDF	ADF	Ca
				%---	Mcal/lb	Mcal/lb-	%DM---	%DM---	%DM---	%DM--
	Alfalfa Chop	0.00	0.00	24.0	0.64	0.38	24.0	34.0	26.0	1.50
	Sorghum Silage	19.00	6.08	32.0	0.57	0.29	11.5	52.0	32.0	0.34
	Sudan\Wheat Sil	0.00	0.00	28.0	0.52	0.25	9.0	65.0	42.0	0.46
	Alfalfa Hay DRY	12.80	11.39	89.0	0.61	0.38	18.0	44.0	32.0	1.50
	Flaxseed meal	0.00	0.00	93.0	0.71	0.46	35.0	35.0	22.0	0.44
	Water	0.00	0.00	1.0	0.00	0.00	0.0	0.0	0.0	0.00
	Extruded Soy A	0.00	0.00	91.0	1.07	0.75	42.8	15.0	10.0	0.27
	Sudan hay mature	3.75	3.34	89.0	0.52	0.25	7.0	72.0	42.0	0.30
	Corn grn ground	0.00	0.00	88.0	0.95	0.65	9.5	9.0	3.0	0.03
	Milo Ground	0.00	0.00	90.0	0.88	0.60	11.5	20.0	6.0	0.04
	Barley Ground	1.60	1.47	92.0	0.91	0.64	12.9	19.0	7.0	0.05
	Soybean Meal 47.5	0.00	0.00	90.0	0.94	0.67	52.2	8.1	6.1	0.29
9	Shamrock ORG DRY	0.00	0.00	93.1	0.51	0.35	6.6	16.8	6.2	5.39
		--lbs---	---lbs---	---%	---Mcal/d-	Mcal/d--	lb/d--	lb/d--	lb/d--	lb/d-
Totals by weight		37.15	22.28	60.0	9.39	2.39	3.2	10.9	7.1	0.20
Requirements			24.81	0.0	9.39	3.88	4.0	8.2	5.2	0.10
--differences--		37.15	-2.53	60.0	0.00	-1.49	-0.8	2.7	1.9	0.10

==========DIET SUMMARY==========

Nutrient(unit)	Total	Reqt	Nutrient(unit)	Total	Reqt
CP(%DM)	14.24	15.00*	Veg(%Lipid)	100.00	0.00
UndegP(%CP)	25.37	13.80	Inert(%Lipid)	0.00	0.00
DegP(%CP)	74.63	52.09	Ash(%DM)	8.37	0.00
AbsP(%DM)	8.39	6.35	Ca(%DM)	0.91	0.40*
SolP(%CP)	31.11	26.04	P(%DM)	0.26	0.23
BndP(%CP)	8.04		Mg(%DM)	0.27	0.16
NEl(Mcal/lb)	0.61		K(%DM)	2.30	0.65
NEm(Mcal/lb)	0.61	0.64	Na(%DM)	0.16	0.10
NEg(Mcal/lb)	0.35	0.38	Cl(%DM)	0.33	0.20

TDN(%DM)	59.99	0.00	S(%DM)	0.29	0.16
ADF(%DM)	31.85	21.00*	Co(ppm)	0.00	0.40*
NDF(%DM)	48.73	33.00*	Cu(ppm)	0.00	15.00*
EfNDF(%NDF)	95.76	75.00*	Fe(ppm)	0.00	50.00
NFC(%DM)	26.02	0.00	I(ppm)	0.00	0.25
Starch(%DM)	8.82	0.00	Mn(ppm)	0.00	40.00
FermSt(%Starch)	70.01	0.00	Se(ppm)	0.00	0.30
Lipid(%DM)	2.65	0.00	Zn(ppm)	0.00	40.00
Animal(%Lipid)	0.00	0.00	VitA(KIU/lb)	0.00	2.02*
VitD(KIU/lb)	0.00	0.60*			
VitE(IU/lb)	0.00	40.31*			
			AbsP(lb/d)	1.87	1.58
Se(mg/d)	0.00	3.38	VitA(KIU/d)	0.00	50.00*
VitD(KIU/d)	0.00	15.00*	VitE(IU/d)	0.00	1000.00*

==========RATIOS & RELATIONSHIPS==========

% Forage in diet DM	: 93.4%	DMI / Body Weight	: 1.9%
Intake NDF / Body Weight	: 0.9%	Forage NDF / Required NDF	:129.2%
Cation-Anion (meq/100g DM)	: 56.4	Ca / P	: 3.51

Jim, please give this to John and take sample of the sorghum. Thank you

		Individual Feed Ration	
		Shamrock Farms Co.	
Ingredient	Name of Ingredient Supplier	Certifier of Supplier	Ingredients Grown on this Location
Corn	Sierra Organics	CCOF	No
Barley	Sierra Organics	CCOF	No
Alfalfa Hay	Toby Farrow Farms	QAI	No
Alfalfa Hay	Desert Organics	QAI	No
Alfalfa Hay	Tuscanny Farms	Oregon Tilth	No
Alfalfa Hay	Ratliff Farms	Organic Certifiers	No
Alfalfa Hay	Heaven Sent Ranch	CCOF	No
Barley	Daniel Nowlin Farms	QAI	No
Barley	Brett Hale Farms	QAI	No
Barley	Saddlehorn Ranches	QAI	No
Barley	Moratori Farm	CCOF	No
Barley	Ratliff Farms	Organic Certifiers	No
Barley	Shamrock Farms	QAI	Yes
Milo/Sorghum	Shamrock Farms	QAI	Yes
Milo/Sorghum	Daniel Nowlin Farms	QAI	No
Milo/Sorghum	Saddlehorn Ranches	QAI	No
Sudan Grass	Saddlehorn Ranches	QAI	No
Sudan Grass	Shamrock Farms	QAI	Yes
Oats	Shamrock Farms	QAI	Yes

REDMOND NATURAL

Natural Mineral Salt Block
For all livestock

Guaranteed Analysis

	Max.	*Min.*		*Min.*
Calcium	0.85%	0.35%	Copper	3 ppm
Phosphorus		0.02%	Iodine	10 ppm
Salt	96.0%	91.0%	Iron	300 ppm
Magnesium		0.06%	Manganese	5 ppm
Potassium		0.03%	Zinc	3 ppm
Sulfur		0.07%		

Ingredient Statement: Salt (Mineral Sea Salt)

Feeding Directions: Feed free choice year round. Provide plenty of fresh clean water at all times.

Net Wt. 44 lbs. (20kg)

OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program Rule.

Product

MATRAN® EC

Company

EcoSMART Technologies, Inc.
Dr. Harlan Feese
3600 Mansell Rd, Suite 150
Alpharetta, GA 30022

Status	Category	Issue date
Restricted	Herbicides – nonsynthetic	09-Nov-05
Product number	**Class**	**Expiration date**
eii-0177	Crop Pest, Weed, and Disease Control	01-Dec-08

Restrictions

NONSYNTHETIC. The need for and use of herbicides derived from natural sources should be explained in the Organic System Plan. The Organic System Plan must justify that use of cultural practices, preventive, mechanical and physical methods are insufficient.

Product Review Coordinator

Executive Director

Product review is conducted according to the policies in the current *OMRI Policy Manual* and based on the standards in the current *OMRI Standards Manual*.
To verify the current status of this or any OMRI Listed product, view the most current version of the *OMRI Products List* at www.omri.org.
OMRI listing is not equivalent to organic certification and is not a product endorsement. It cannot be construed as such.
Final decisions on the acceptability of a product for use in a certified organic system are the responsibility of a USDA accredited certification agent.
It is the operator's responsibility to properly use the product, including following any restrictions.

OMRI® Listed

Organic Materials Review Institute
P.O. Box 11558, Eugene, OR 97440-3758, USA
541.343.7600 · fax 541.343.8971 · info@omri.org · www.omri.org

OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program Rule.

Product
ECOTROL® EC

Company
EcoSMART Technologies, Inc.
Dr. Harlan Feese
3600 Mansell Rd, Suite 150
Alpharetta, GA 30022

Status	Category	Issue date
Restricted	Plant Pesticides	09-Nov-05
Product number	**Class**	**Expiration date**
eii-0170	Crop Pest, Weed, and Disease Control	01-Dec-08

Restrictions

NONSYNTHETIC. Plant pesticides may be used as lures, repellents, or parts of traps, or as disease controls. They may be used for other pesticidal purposes only if the requirements of 205.206(e) are met. See also CORN GLUTEN – PESTICIDE, PIPERONYL BUTOXIDE, PLANT EXTRACTS, PLANT PREPARATIONS, TOBACCO DUST, and TOBACCO TEA. See Glossary for definition of "pesticide."

Product Review Coordinator

Executive Director

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To verify the current status of this or any OMRI Listed product, view the most current version of the *OMRI Products List* at www.omri.org.
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Farm Equipment SOP

All tillage, planting, and harvest equipment will be brought to Shamrock Farms shop for cleaning prior to entering any organic fields.

Cleaning shall include

- Blowing off any dirt and debris
- Blowing out any seed or plant matter
- Washing out with the 1" hose
- Steam cleaning if necessary

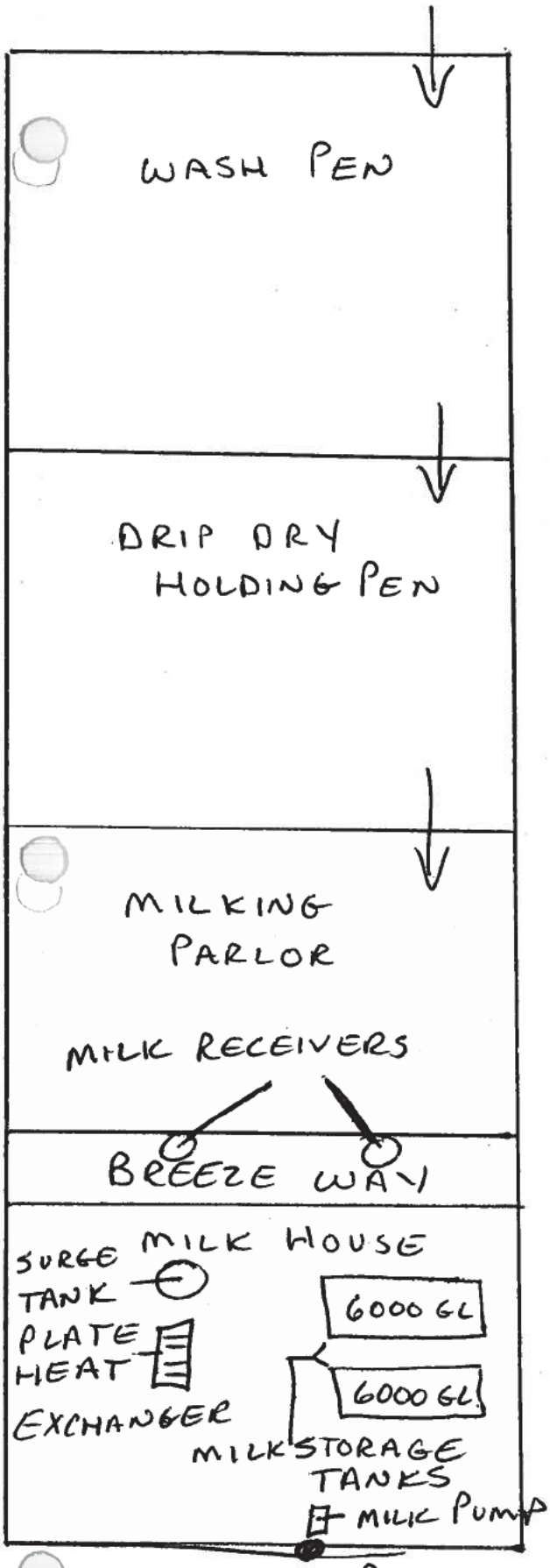
All cleaning must be supervised by a member of Shamrock Farms staff and inspected by a Shamrock Farms manager prior to being released to the fields.

Organic Input SOP

Procedure for delivery of Organic Products:

- Organic Certification must be current and on file prior of delivery
- All delivers must scale across Shamrock Farms scale
- All deliveries must complete a Clean Truck Affidavit before entering dairy
- All cargo containers must be inspected by office staff for broken seals prior to entering dairy
- All organic deliveries must proceed directly to Shamrock Farms Organic
- All unloading equipment must be cleaned in accordance of the Farm Equipment SOP prior to unloading organic products

SHAMROCK FARMS
ORGANIC FLOW CHART



STEP 1 - COWS ENTER WASH PEN AND ARE WASHED WITH CLEAN WATER.

STEP 2 - COWS MOVED TO DRIP DRY PEN TO DRY AND AWAIT ENTRY INTO MILKING PARLOR.

STEP 3 - COW ENTER MILKING PARLOR. THEY ARE PRE DIPPED WITH TEAT DIP AND MILK STRIPPED TO LOOK FOR ABNORMALITIES AFTER 60 SEC. TEAT DIP IS WIPPED OFF USING A CLEAN SINGLE SERVICE TOWEL AND MACHINE ATTACHED.

AFTER MILK OUT MACHINE IS REMOVED AND COWS ARE POST DIPPED WITH TEAT DIP AND RETURN TO PASTURE OR PEN.

MILK FLOW

MILK FLOWS FROM THE COW INTO MILKING UNIT TO THE PIPELINE THEN TO MILK RECEIVERS IN BREEZEWAY. MILK IS THEN PUMPED FROM MILK RECEIVER INTO A SURGE TANK IN THE MILK HOUSE. A VARIABLE SPEED PUMP THEN PUMPS THE MILK THROUGH A PLATE HEAT EXCHANGER LOWERING THE TEMP FROM 101° TO 36° F. AND INTO ONE OF 2 6000 GALLON STORAGE TANKS. MILK IS PUMPED INTO A CLEAN SHAMROCK TANKER HAULED TO SHAMROCK DAIRY IN PHX AZ WHERE SHAMROCK DAIRY

Proposed Pasture SOP for Shamrock Farms Organic Dairy

Animals shall have access to pasture expect for the following reasons:

1. Pasture development
    - Irrigation
    - Planting
    - Manure application

2. Inclement weather
    - Daily temperature exceeds 90 degrees F.
    - Severe monsoon storms

3. Health Issues
    - Dry animals and heifers in the last 30 days of gestation
    - Fresh animals less than 45 days in milk
    - Animals that are weak or sick, and in need of close monitoring

Shamrock Farms Organic Pasture Log

Date	Access	Denial	Reason for Denial
4/1/08	X		
4/2/08	X		
4/3/08	X		
4/4/08	X		
4/5/08		X	IRRIGATION
4/6/08		X	
4/7/08		X	
4/8/08		X	
4/9/08	X		
4/10/08	X		
4-11-08	X		
4/12/08	X		
4/13/08	X		
4/14/08	X		
4/15/08	X		
4/16/08	X		
4/17/08	X		
4/18/08	X		
4/19/08	X		
4/20/08	X		
4/21/08	X		
4/22/08	X		
4/23/08	X		
4/24/08	X		
4/25/08	X		
4/26/08	X		
4/27/08	X		
4/28/08	X		
4/29/08	X		
4/30/08	X		

Shamrock Farms Organic Pasture Log

Date	Access	Denial	Reason for Denial
7/1/08		X	Ambient Temp > 80°
7-2-08		X	"
7-3-08		X	"
7-4-08		X	"
7-5-08		X	"
7-6-08		X	"
7-7-08		X	"
7-8-08		X	"
7-9-08		X	"
7-10-08		X	"
7-11-08		X	"
7-12-08		X	"
7-13-08		X	"
7-14-08		X	"
7-15-08		X	"
7-16-08		X	"
7-17-08		X	"
7-18-08		X	"
7-19-08		X	"
7-20-08		X	"
7-21-08		X	"
7-22-08		X	"
7-23-08		X	"
7-24-08		X	"
7-25-08		X	"
7-26-08		X	"
7-27-08		X	"
7-28-08		X	"
7-29-08		X	"
7-30-08		X	"
7-31-08		X	"

Sanitation Log

Date	Wash Up	Pre Rinse	Employee	Supervisor	
6-1-08	X	X	MC	MB	
	X	X	EG	MB	
6-2-08	X	X	MC	JV	
	X	X	EG	JV	
6-3-08	X	X	MC	JV	PhG
	X	X	JM	JV	
6-4-08	X	X	MC	JV	
	X	X	JM	JV	
6-5-08	X	X	JM	JV	
	X	X	JM	JV	
6-6-08	X	X	EG	MB	
	X	X	X EG	MB	PhG
6-7-08	X	X	EG	MB	
	X	X	JM	MB	
6-8-08	X	X	MC	MB	
	X	X	MC	MB	
6-9-08	X	X	JM	MB	
	X	X	JM	MB	
6-10-08	X	X	MC	MB	
	X	X	EG	MB	
6-11-08	X	X	MC	MB	PhG
	X	X	JM	MB	
6-12-08	X	X	MC	JV	
	X	X	JM	JV	
6-13-08	X	X	MC	JV	
	X	X	JM	JV	
6-14-08	X	X	EG	JV	
	X	X	JM	JV	
6-15-08	X	X	MC	JV	
	X	X	EG	JV	
6-16-08	X	X	MC	JV	PhG
	X	X	EG	JV	
6-17-08	X	X	MC	JV	
	X	X	JM	JV	
6-18-08	X	X	MC	JV	
	X	X	JM	JV	
6-19-08	X	X	MC	JV	
	X	X	JM	JV	PhG
6-20-08	X	X	EG	JV	
	X	X	JM	JV	
6-21-08	X	X	EG	MB	
	X	X	JM	MB	
6-22-08	X	X	MC	MB	
	X	X	JM	MB	
6-23-08	X	X	MC	JV	PhG
	X	X	JM	JV	
6-24-08	X	X	MC	JV	
	X	X	EG	JV	
6-25-08	X	X	MC	JV	
	X	X	JM	JV	
6-26-08	X	X	MC	JV	
	X	X	JM	JV	PhG
6-27-08	X	X	MC	MB	
	X	X	JM	MB	
6-28-08	X	X	EG	JV	
	X	X	JM	JV	
6-29-08	X	X	MC	JV	
	X	X	EG	JV	
6-30-08	X	X	MC	JV	PhG
	X	X	EG	JV	

Sanitation Log

Date	Wash Up	Pre Rinse	Employee	Supervisor
3/1/08	A X	X	EG	JV
	P X	X	JM	JV
3/2/08	A X	X	MC	JV
	P X	X	JM	JV
3/3/08	A X	X	MC	JV PHG
	P X	X	JM	JV
3/4/08	A X	X	MC	JV
	P X	X	EG	JV
3/5/08	A X	X	MC	JV
	P X	X	JM	JV PHG
3/6/08	A X	X	MC	JV
	P X	X	JM	JV
3/7/08	A X	X	MC	JV
	P X	X	JM	JV
3/8/08	A X	X	EG	JV
	P X	X	JM	JV
3/9/08	A X	X	MC	JV
	P X	X	EG	JV
3/10/08	A X	X	JGM	JV PHG
	P X	X	EG	JV
3/11/08	A X	X	MC	JV
	P X	X	JM	JV
3/12/08	A X	X	MC	JV
	P X	X	JM	JV
3/13/08	A X	X	MC	JV
	P X	X	JM	JV PHG
3/14/08	A X	X	MC	JV
	P X	X	JM	JV
3/15/08	A X	X	EG	JV
	P X	X	JM	JV
3/16/08	A X	X	MC	JV
3	P X	X	JM	JV
3/17/08	A X	X	MC	JV PHG
	P X	X	JM	JV
3/18/08	A X	X	MC	JV
	P X	X	EG	JV
3/19/08	A X	X	MC	JV
	P X	X	JM	JV
3/20/08	A X	X	MC	JV
	P X	X	JM	JV PHG
3/21/08	A X	X	MC	JV
	P X	X	JM	JV
3/22/08	A X	X	EG	JV
	P X	X	JM	JV
3/23/08	A X	X	MC	MB
	P X	X	EG	MB
3/24/08	A X	X	MC	MB
	P X	X	EG	MB
3/25/08	A X	X	MC	MB
	P X	X	JM	MB
3/26/08	A X	X	MC	MB
	P X	X	JM	MB
3/27/08	A X	X	MC	JV PHG
	P X	X	JM	JV
3/28/08	A X	X	EG	JV
	P X	X	JM	JV
3/29/08	A X	X	EG	MB
	P X	X	JM	MB
3/30/08	A X	X	MC	MB
	P X	X	JM	MB
3/31/08	A X	X	MC	JV
	P X	X	JM	JV PHG

Organic/Standard Operating Procedure (O/SOP)

Organic Dairy Livestock

Pre-and-Post Use Teat Dip

Notice To: ***Organic Dairy Herd Manager and Milking Team***

Product: ***Ecolab Eco-Plus Sanitizing Teat Dip***

Active Ingredient(s): **Iodine**

Use: ***External Udder Sanitation Use Only***

Directions For Use: ***Carefully Read and Follow Label Mixing & Use Directions***

Application: ***Follow All Product Label Directions***

Pre-Milk Dipping: **Fill teat dip cup with *Eco-Plus*. Do not dilute. Before each cow is milked, dip each teat full-length into the teat dip cup containing *Eco-Plus*. Wipe teats dry after dipping, using single-service towels to avoid contamination of milk.**

Post-Milk Dipping: **Immediately after each milking use *Eco-Plus* at full strength. Dip each teat full length into the teat dip cup containing *Eco-Plus*. Allow to air dry. Do not wipe. Always use fresh, full strength *Eco-Plus*. Do not turn cows out in freezing weather until *Eco-Plus* is completely dry.**

Note: **Continue to follow *Ecolab Product Use Directions*: Use only fresh product daily – keep good records. Maintain up-to-date *Organic System Plan (OSP)* and Dairy Materials Use Records! Notify certifier of all material and/or sanitation procedure changes. Be sure to submit the product label, MSDS form, and O/SOP to your certifier for review and approval!**

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	User20
	1062	H	7	MC/ORG03/18/08
H	1065	H	7	MC/ORG03/18/08
H	1101	H	7	MC/ORG03/18/08
H	1135	H	7	MC/ORG03/18/08
H	1171	H	7	MC/ORG03/18/08
H	1179	H	7	MC/ORG03/18/08
H	1184	H	7	MC/ORG03/18/08
H	1186	H	7	MC/ORG03/18/08
H	1190	H	7	MC/ORG03/18/08
H	1192	H	7	MC/ORG03/18/08
H	1214	H	7	MC/ORG03/18/08
H	1220	H	7	MC/ORG03/18/08
H	1222	H	7	MC/ORG03/18/08
H	1233	H	7	MC/ORG03/18/08
H	1237	H	7	MC/ORG03/18/08
H	1239	H	7	MC/ORG03/18/08
H	1253	H	7	MC/ORG03/18/08
H	1282	H	7	MC/ORG03/18/08
H	1284	H	7	MC/ORG03/18/08
H	1303	H	7	MC/ORG03/18/08
H	1304	H	7	MC/ORG03/18/08
H	1313	H	7	MC/ORG03/18/08
H	1324	H	7	MC/ORG03/18/08
H	1328	H	7	MC/ORG03/18/08
	1331	H	7	MC/ORG03/18/08
H	1336	H	7	MC/ORG03/18/08
H	1340	H	7	MC/ORG03/18/08
H	1348	H	7	MC/ORG03/18/08
H	1352	H	7	MC/ORG03/18/08
H	1372	H	7	MC/ORG03/18/08
H	1376	H	7	MC/ORG03/18/08
H	1380	H	7	MC/ORG03/18/08
H	1399	H	7	MC/ORG03/18/08
H	1401	H	7	MC/ORG03/18/08
H	1402	H	7	MC/ORG03/18/08
H	1403	H	7	MC/ORG03/18/08
H	1404	H	7	MC/ORG03/18/08
H	1405	H	7	MC/ORG03/18/08
H	1408	H	7	MC/ORG03/18/08
H	1409	H	7	MC/ORG03/18/08
H	1413	H	7	MC/ORG03/18/08
H	1415	H	7	MC/ORG03/18/08
H	1418	H	7	MC/ORG03/18/08
H	1419	H	7	MC/ORG03/18/08
H	1420	H	7	MC/ORG03/18/08
H	1423	H	7	MC/ORG03/18/08
H	1424	H	7	MC/ORG03/18/08
H	1425	H	7	MC/ORG03/18/08
	1426	H	7	MC/ORG03/18/08

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	User20
H	1428	H	7	MC/ORG03/18/08
H	1431	H	7	MC/ORG03/18/08
H	1433	H	7	MC/ORG03/18/08
H	1436	H	7	MC/ORG03/18/08
H	1438	H	7	MC/ORG03/18/08
H	1439	H	7	MC/ORG03/18/08
H	1440	H	7	MC/ORG03/18/08
H	1441	H	7	MC/ORG03/18/08
H	1444	H	7	MC/ORG03/18/08
H	1447	H	7	MC/ORG03/18/08
H	1448	H	7	MC/ORG03/18/08
H	1449	H	7	MC/ORG03/18/08
H	1450	H	7	MC/ORG03/18/08
H	1451	H	7	MC/ORG03/18/08
H	1452	H	7	MC/ORG03/18/08
H	1453	H	7	MC/ORG03/18/08
H	1456	H	7	MC/ORG03/18/08
H	1457	H	7	MC/ORG03/18/08
H	1458	H	7	MC/ORG03/18/08
H	1460	H	7	MC/ORG03/18/08
H	1464	H	7	MC/ORG03/18/08
H	1468	H	7	MC/ORG03/18/08
H	1469	H	7	MC/ORG03/18/08
H	1470	H	7	MC/ORG03/18/08
H	1471	H	7	MC/ORG03/18/08
H	1472	H	7	MC/ORG03/18/08
H	1473	H	7	MC/ORG03/18/08
H	1474	H	7	MC/ORG03/18/08
H	1476	H	7	MC/ORG03/18/08
H	1477	H	7	MC/ORG03/18/08
H	1478	H	7	MC/ORG03/18/08
H	1479	H	7	MC/ORG03/18/08
H	1482	H	7	MC/ORG03/18/08
H	1483	H	7	MC/ORG03/18/08
H	1484	H	7	MC/ORG03/18/08
H	1485	H	7	MC/ORG03/18/08
H	1487	H	7	MC/ORG03/18/08
H	1489	H	7	MC/ORG03/18/08
H	1491	H	7	MC/ORG03/18/08
H	1492	H	7	MC/ORG03/18/08
H	1493	H	7	MC/ORG03/18/08
H	1494	H	7	MC/ORG03/18/08
H	1495	H	7	MC/ORG03/18/08
H	1496	H	7	MC/ORG03/18/08
H	1498	H	7	MC/ORG03/18/08
H	1499	H	7	MC/ORG03/18/08
H	1510	H	7	MC/ORG03/18/08
H	1511	H	7	MC/ORG03/18/08
H	1518	H	7	MC/ORG03/18/08

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	User20
	2005	H	7	MC/ORG06/19/08
H	2006	H	7	MC/ORG06/19/08
H	2011	H	7	MC/ORG06/19/08
H	2012	H	7	MC/ORG06/19/08
H	2015	H	7	MC/ORG06/19/08
H	2025	H	7	MC/ORG06/19/08
H	2038	H	7	MC/ORG06/19/08
H	2039	H	7	MC/ORG06/19/08
H	2040	H	7	MC/ORG06/19/08
H	2041	H	7	MC/ORG06/19/08
H	2043	H	7	MC/ORG06/19/08
H	2051	H	7	MC/ORG06/19/08
H	2052	H	7	MC/ORG06/19/08
H	2054	H	7	MC/ORG06/19/08
H	2055	H	7	MC/ORG06/19/08
H	2065	H	7	MC/ORG06/19/08
H	2066	H	7	MC/ORG06/19/08
H	2079	H	7	MC/ORG06/19/08
H	2082	H	7	MC/ORG06/19/08
H	2108	H	7	MC/ORG06/19/08
H	2110	H	7	MC/ORG06/19/08
H	2112	H	7	MC/ORG06/19/08
H	2113	H	7	MC/ORG06/19/08
H	2114	H	7	MC/ORG06/19/08
	2117	H	7	MC/ORG06/19/08
H	2119	H	7	MC/ORG06/19/08
H	2122	H	7	MC/ORG06/19/08
H	2128	H	7	MC/ORG06/19/08
H	2130	H	7	MC/ORG06/19/08
H	2131	H	7	MC/ORG06/19/08
H	2136	H	7	MC/ORG06/19/08
H	2137	H	7	MC/ORG06/19/08
H	2138	H	7	MC/ORG06/19/08
H	2140	H	7	MC/ORG06/19/08
H	2141	H	7	MC/ORG06/19/08
H	2143	H	7	MC/ORG06/19/08
H	2144	H	7	MC/ORG06/19/08
H	2148	H	7	MC/ORG06/19/08
H	2152	H	7	MC/ORG06/19/08
H	2153	H	7	MC/ORG06/19/08
H	2154	H	7	MC/ORG06/19/08
H	2155	H	7	MC/ORG06/19/08
H	2156	H	7	MC/ORG06/19/08
H	2158	H	7	MC/ORG06/19/08
H	2162	H	7	MC/ORG06/19/08
H	2164	H	7	MC/ORG06/19/08
H	2165	H	7	MC/ORG06/19/08
H	2168	H	7	MC/ORG06/19/08
	2169	H	7	MC/ORG06/19/08

C H	Ctrl No	C H	P St	User20
H	2170	H	7	MC/ORG06/19/08
H	2172	H	7	MC/ORG06/19/08
H	2174	H	7	MC/ORG06/19/08
H	2176	H	7	MC/ORG06/19/08
H	2177	H	7	MC/ORG06/19/08
H	2178	H	7	MC/ORG06/19/08
H	2179	H	7	MC/ORG06/19/08
H	2180	H	7	MC/ORG06/19/08
H	2181	H	7	MC/ORG06/19/08
H	2182	H	7	MC/ORG06/19/08
H	2183	H	7	MC/ORG06/19/08
H	2184	H	7	MC/ORG06/19/08
H	2185	H	7	MC/ORG06/19/08
H	2186	H	7	MC/ORG06/19/08
H	2187	H	7	MC/ORG06/19/08
H	2189	H	7	MC/ORG06/19/08
H	2192	H	7	MC/ORG06/19/08
H	2197	H	7	MC/ORG06/19/08
H	2198	H	7	MC/ORG06/19/08
H	2199	H	7	MC/ORG06/19/08
H	2201	H	7	MC/ORG06/19/08
H	2202	H	7	MC/ORG06/19/08
H	2203	H	7	MC/ORG06/19/08
H	2204	H	7	MC/ORG06/19/08
H	2210	H	7	MC/ORG06/19/08
H	2213	H	7	MC/ORG06/19/08
H	2214	H	7	MC/ORG06/19/08
H	2215	H	7	MC/ORG06/19/08
H	2220	H	7	MC/ORG06/19/08
H	2223	H	7	MC/ORG06/19/08
H	2226	H	7	MC/ORG06/19/08
H	2241	H	7	MC/ORG06/19/08
H	2245	H	7	MC/ORG06/19/08
H	2246	H	7	MC/ORG06/19/08
H	2247	H	7	MC/ORG06/19/08
H	2248	H	7	MC/ORG06/19/08
H	2253	H	7	MC/ORG06/19/08
H	2255	H	7	MC/ORG06/19/08
H	2257	H	7	MC/ORG06/19/08
H	2258	H	7	MC/ORG06/19/08
H	2259	H	7	MC/ORG06/19/08
H	2260	H	7	MC/ORG06/19/08
H	2266	H	7	MC/ORG06/19/08
H	2269	H	7	MC/ORG06/19/08
H	2270	H	7	MC/ORG06/19/08
H	2273	H	7	MC/ORG06/19/08
H	2277	H	7	MC/ORG06/19/08
H	2278	H	7	MC/ORG06/19/08
H	2281	H	7	MC/ORG06/19/08

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	User20
	2282	H	7	MC/ORG06/19/08
H	2286	H	7	MC/ORG06/19/08
H	2287	H	7	MC/ORG06/19/08
H	2288	H	7	MC/ORG06/19/08
H	2289	H	7	MC/ORG06/19/08
H	2291	H	7	MC/ORG06/19/08
H	2294	H	7	MC/ORG06/19/08
H	2295	H	7	MC/ORG06/19/08
H	2314	H	7	MC/ORG06/19/08
H	2319	H	7	MC/ORG06/19/08
H	2331	H	7	MC/ORG06/19/08
H	2333	H	7	MC/ORG06/19/08
H	2334	H	7	MC/ORG06/19/08
H	2339	H	7	MC/ORG06/19/08
H	2340	H	7	MC/ORG06/19/08
H	2343	H	7	MC/ORG06/19/08
H	2346	H	7	MC/ORG06/19/08
H	2359	H	7	MC/ORG06/19/08
H	2360	H	7	MC/ORG06/19/08
H	2363	H	7	MC/ORG06/19/08
H	2364	H	7	MC/ORG06/19/08
H	2366	H	7	MC/ORG06/19/08
H	2370	H	7	MC/ORG06/19/08
H	2382	H	7	MC/ORG06/19/08
	2392	H	7	MC/ORG06/19/08

Animals Selected, 123 Data Lines

CUSTOMER MIX REPORT

Page... 1
Date... 11/20/2008
Time... 1:34 PM

Customer : SHAMROCK - Shamrock Farms
Address : 40034 West Clayton
P.O.Box 280
Stanfield, AZ 85272

Date Created : 2/11/2008
Account No. :

Dairy : Shamrock Farms
Rep : John Sparks - Dairy Visions

Rep. Phone No. : 602-989-8817

MIX FORMULA: MILK5012 #5012 Milk Cow VTM

INGREDIENTS

Code	Name	AS FED (Lbs) Amount	Scale
7000	Corn, ground	1034.00	1034
7200	Limestone	267.00	1301
2047	Sodium Bicar	257.00	1558
7202	Biofos	153.00	1711
7208	Zeolite	87.00	1798
2033	Magnesium Ox	80.00	1878
7206	Salt-Redmond	71.00	1949
7404	ORGMIL10	41.00	1990
7204	Kelp Meal	10.00	2000
	TOTAL	2000.01	2000

NUTRIENT ANALYSIS

No.	Name	Unit	As Fed	Dry Matter
2	Dry Matter	% of Wt	92.25	92.25
4	TDN	%	39.96	43.31
9	NE Lact.	Mcal/lb	.40	.44
14	Ether Extr	%	1.93	2.09
18	Crude Prot	%	4.06	4.40
27	Crude Fibr	%	.91	.99
28	ADF	%	1.55	1.68
29	NDF	%	3.52	3.81
35	Total Ash	%	32.38	35.10
37	Calcium	%	5.91	6.40
38	Chlorine	%	1.97	2.13
39	Magnesium	%	2.53	2.74
40	Phosphorus	%	1.74	1.89
42	Potassium	%	.22	.24
43	Sodium	%	4.77	5.18
44	Sulfur	%	1.68	1.82
45	Salt	%	3.27	3.54
48	Cobalt	ppm	.13	.15
49	Copper	ppm	8.89	9.63
51	Iodine	ppm	3.41	3.69
52	Iron	ppm	1108.66	1201.81
53	Manganese	ppm	25.50	27.64
55	Selenium	ppm	4.96	5.37
56	Zinc	ppm	1274.00	1381.04
57	Vitamin A	KIU/lb	47061.33	51015.51
1	Weight	lb	1.00	1.00

**** The information on this report represents our best estimates. ****
**** Since many factors other than the feed may affect production, ****
**** actual performance cannot be guaranteed. ****

ATTACHMENT (2)

Net Wt. 50 lbs (22.7 kg)

NRG ORGANIC

The Rumen Inert High Energy Supplement That Cows Love to Eat

Guaranteed Analysis:
Crude Fat, not less than ..... 82 %

Ingredients:
Calcium Salt/Long Chain Fatty Acids, (Organic soy oil, limestone)

Certified Organic By:
Midwest Organic Services Association, Inc.

USDA ORGANIC

Manufactured By:
Robt Morgan, Inc.
PO Box 877; Paris, IL 61944
PH: 217.466.4777

Morgan

Lot Number:

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
01-Nov-08	Shamrock	14	1025-1	1	21000	220	15000
		87	1025-2	2	5000	140	100
		45	1025-3		2000	110	100
		13	1025-4	3	6000	90	<100
		90	1025-5	1	1000	110	<100
			1025-6				
			1025-7				
			1025-8				
		45	1035-1	1	2,000	180	<100
		87	1035-2	2	3,000	210	<100
		13	1035-3	2	5000	220	100
		14	1035-4	3			<100
			1035-5				
			1035-6				
		14	1045-1	organic	6000	50	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
2-Nov-08	1025-1	3	<100
	1025-2	1	<100
	1025-3	1	<100
	1025-4	2	<100
	1025-5	2	<100
	1025-6	3	<100
	1025-7		
	1025-8		
	1035-1	3	<100
	1035-2	1	100
	1035-3	2	500
	1035-4		
	1035-5		
	1035-6		

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
08-Nov-08	Shamrock	87	1025-1	1	3000	90	<100
		14	1025-2	1	2000	50	<100
		87	1025-3	1	9000	70	<100
		90	1025-4	2	<1000	50	<100
		14	1025-5	2	2000	70	<100
			1025-6				
			1025-7				
			1025-8				
		26	1035-1	3	8,000	160	<100
		45	1035-2	3	3,000	260	<100
		90	1035-3	1	13000	20	<100
		26	1035-4	2	4000	30	<100
			1035-5				
			1035-6				
		13	1045-1	organic	1000	70	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
9-Nov-08	1025-1	1	<100
	1025-2	2	100
	1025-3	3	100
	1025-4	3	<100
	1025-5		
	1025-6		
	1025-7		
	1025-8		
	1035-1	1	100
	1035-2	1	<100
	1035-3	2	<100
	1035-4	2	100
	1035-5	3	<100
	1035-6		

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
16-Nov-08	Shamrock	90	1025-1	3	1000	80	100
		26	1025-2	1	6000	230	<100
		13	1025-3	1	6000	140	200
		14	1025-4	2	2000	90	<100
		90	1025-5	2	1000	100	<100
			1025-6				
			1025-7				
			1025-8				
		26	1035-1	3	1,000	150	200
		90	1035-2	3	2,000	160	100
		13	1035-3	1	12000	210	100
		14	1035-4	2	1000	210	<100
			1035-5				
			1035-6				
		13	1045-1	organic	2000	40	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
17-Nov-08	1025-1	1	<100
	1025-2	2	<100
	1025-3	3	<100
	1025-4	3	<100
	1025-5	1	<100
	1025-6		
	1025-7		
	1025-8		
	1035-1	1	<100
	1035-2	2	100
	1035-3	2	200
	1035-4	3	<100
	1035-5		
	1035-6		

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
01-Nov-08	Shamrock	14	1025-1	1	21000	220	15000
		87	1025-2	2	5000	140	100
		45	1025-3		2000	110	100
		13	1025-4	3	6000	90	<100
		90	1025-5	1	1000	110	<100
			1025-6				
			1025-7				
			1025-8				
		45	1035-1	1	2,000	180	<100
		87	1035-2	2	3,000	210	<100
		13	1035-3	2	5000	220	100
		14	1035-4	3			<100
			1035-5				
			1035-6				
		14	1045-1	organic	6000	50	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
2-Nov-08	1025-1	3	<100
	1025-2	1	<100
	1025-3	1	<100
	1025-4	2	<100
	1025-5	2	<100
	1025-6	3	<100
	1025-7		
	1025-8		
	1035-1	3	<100
	1035-2	1	100
	1035-3	2	500
	1035-4		
	1035-5		
	1035-6		

1045-1	organic	<100

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
05-Nov-08	Shamrock	87	1025-1	2	<1000	50	100
		45	1025-2	3	2000	<10	<100
		14	1025-3	3	2000	80	<100
		13	1025-4	1	2000	20	100
		90	1025-5	1	6000	90	<100
			1025-6				
			1025-7				
			1025-8				
		14	1035-1	2	1,000	110	100
		87	1035-2	2	3,000	210	100
		90	1035-3	3	4000	70	<100
		14	1035-4	3	4000	90	100
			1035-5				
			1035-6				
		90	1045-1	organic	5000	90	100

Preliminary Coliform Counts

	Producer	silo #	Coli
6-Nov-08	1025-1	1	100
	1025-2	1	200
	1025-3	2	<100
	1025-4	2	<100
	1025-5	3	300
	1025-6		
	1025-7		
	1025-8		
	1035-1	3	<100
	1035-2	1	<100
	1035-3	1	<100
	1035-4	2	<100
	1035-5		
	1035-6		

1045-1	organic	<100

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
08-Nov-08	Shamrock	87	1025-1	1	3000	90	<100
		14	1025-2	1	2000	50	<100
		87	1025-3	1	9000	70	<100
		90	1025-4	2	<1000	50	<100
		14	1025-5	2	2000	70	<100
			1025-6				
			1025-7				
			1025-8				
		26	1035-1	3	8,000	160	<100
		45	1035-2	3	3,000	260	<100
		90	1035-3	1	13000	20	<100
		26	1035-4	2	4000	30	<100
			1035-5				
			1035-6				
		13	1045-1	organic	1000	70	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
9-Nov-08	1025-1	1	<100
	1025-2	2	100
	1025-3	3	100
	1025-4	3	<100
	1025-5		
	1025-6		
	1025-7		
	1025-8		
	1035-1	1	100
	1035-2	1	<100
	1035-3	2	<100
	1035-4	2	100
	1035-5	3	<100
	1035-6		

1045-1	organic	<100

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
10-Sep-08	Shamrock	14	1025-1	3	<1000	90	<100
		45	1025-2	1	9000	100	<100
		90	1025-3	1	3000	60	<100
		14	1025-4	2	1000	80	100
		13	1025-5	2	1000	130	100
			1025-6				
			1025-7				
			1025-8				
		87	1035-1	3	6,000	140	<100
		14	1035-2	3	3,000	100	100
		13	1035-3	1	1000	100	100
		87	1035-4	2	2000	130	<100
			1035-5				
			1035-6				
		26	1045-1	organic	2000	190	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
11-Sep-08	1025-1	1	100
	1025-2	2	<100
	1025-3	3	<100
	1025-4	3	<100
	1025-5	1	200
	1025-6	1	<100
	1025-7		
	1025-8		
	1035-1	2	200
	1035-2	2	<100
	1035-3	3	100
	1035-4	1	100
	1035-5		
	1035-6		

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
13-Nov-08	Shamrock	13	1025-1	2	1000	90	<100
		90	1025-2	3	1000	90	<100
		26	1025-3	1	<1000	190	<100
		13	1025-4	1	2000	70	<100
		90	1025-5	2	<1000	320	<100
			1025-6				
			1025-7				
			1025-8				
		14	1035-1	2	1,000	160	100
		13	1035-2	3	10,000	190	<100
		87	1035-3	3	9000	100	100
			1035-4				
			1035-5				
			1035-6				
		14	1045-1	organic	4000	90	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
14-Nov-08	1025-1	1	<100
	1025-2	1	100
	1025-3	2	100
	1025-4	2	200
	1025-5	3	<100
	1025-6		
	1025-7		
	1025-8		
	1035-1	3	<100
	1035-2	1	200
	1035-3	1	100
	1035-4	2	<100
	1035-5		
	1035-6		

1045-1	organic	<100

Daily Micro Counts

Date	Supplier	Tanker	Producer Number	silo #	SPC > 30000	LPC > 300	COLI > 300
15-Nov-08	Shamrock	14	1025-1	2	1000	110	<100
		26	1025-2	3	10000	140	<100
		13	1025-3	3	4000	60	100
		90	1025-4	3	4000	60	<100
		87	1025-5	1	2000	110	<100
			1025-6				
			1025-7				
			1025-8				
		26	1035-1	1	4,000	100	100
		13	1035-2	2	<1000	110	<100
		14	1035-3	2	23000	110	200
		45	1035-4	3	4000	90	<100
			1035-5				
			1035-6				
		14	1045-1	organic	2000	70	<100

Preliminary Coliform Counts

	Producer	silo #	Coli
16-Nov-08	1025-1	3	100
	1025-2	1	<100
	1025-3	1	200
	1025-4	2	<100
	1025-5	2	<100
	1025-6		
	1025-7		
	1025-8		
	1035-1	3	200
	1035-2	3	100
	1035-3	1	100
	1035-4	2	
	1035-5		
	1035-6		

1045-1	organic	<100

Report 162: Maricopa Heifers to Organic
SHAMROCK FRM ORGANIC Test Date: 10/24/07 Milk Weight Date: 11/20/07

... Category	C H	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
2[illegible]04(AP	H	X256	19.2	04-23-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X402	18.6	05-10-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X403	18.6	05-10-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X409	18.6	05-11-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X417	18.5	05-14-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X418	18.5	05-14-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X421	18.5	05-15-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X422	18.5	05-15-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X429	18.4	05-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X432	18.4	05-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X469	18.3	05-21-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X474	18.2	05-22-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X483	18.2	05-23-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X490	18.2	05-24-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X499	18.1	05-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X501	18.1	05-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X504	18.1	05-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X507	18.1	05-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X508	18.1	05-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X512	18.1	05-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X514	18.1	05-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X515	18.0	05-28-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X516	18.0	05-28-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
[illegible]05 (M	H	X518	18.0	05-28-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X519	18.0	05-28-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X520	18.0	05-29-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X521	18.0	05-29-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X522	18.0	05-29-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X523	18.0	05-30-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X525	18.0	05-30-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X526	17.9	05-31-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X529	17.9	05-31-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
200705 (M	H	X534	17.9	05-31-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X536	17.9	06-01-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X539	17.9	06-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X542	17.9	06-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X543	17.9	06-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X545	17.9	06-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X548	17.9	06-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X549	17.9	06-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X550	17.9	06-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X552	17.8	06-03-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X553	17.8	06-03-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X554	17.8	06-03-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X558	17.8	06-05-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X560	17.7	06-06-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X561	17.7	06-06-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X562	17.7	06-06-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07

Report 162: Maricopa Heifers to Organic
SHAMROCK FRM ORGANIC Test Date: 10/24/07 Milk Weight Date: 11/20/07

... Category	C H	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
A.JUNE06	H	X565	17.7	06-07-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X568	17.7	06-07-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X570	17.7	06-08-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X572	17.7	06-08-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X573	17.7	06-08-06	7	76	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X579	17.7	06-08-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X580	17.6	06-09-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X581	17.6	06-10-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X591	17.6	06-11-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X593	17.6	06-11-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X596	17.6	06-11-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X597	17.6	06-11-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X598	17.5	06-12-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X604	17.5	06-13-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X605	17.5	06-13-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X606	17.5	06-13-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X612	17.5	06-14-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X613	17.5	06-14-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X614	17.5	06-14-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X615	17.5	06-14-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X617	17.5	06-14-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X620	17.4	06-15-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X622	17.4	06-15-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X623	17.4	06-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X625	17.4	06-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X627	17.4	06-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X628	17.4	06-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X629	17.4	06-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X631	17.4	06-16-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X632	17.4	06-17-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X643	17.3	06-18-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X645	17.3	06-19-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X646	17.3	06-19-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X649	17.3	06-19-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X650	17.3	06-19-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X651	17.3	06-19-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X652	17.3	06-19-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X653	17.3	06-20-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X655	17.3	06-20-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X656	17.3	06-20-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X660	17.3	06-20-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X661	17.2	06-21-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X662	17.2	06-21-06	7	76	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X668	17.2	06-21-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X670	17.2	06-21-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X674	17.2	06-21-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X676	17.2	06-22-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X685	17.2	06-23-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07

Report 162: Maricopa Heifers to Organic
SHAMROCK FRM ORGANIC Test Date: 10/24/07 Milk Weight Date: 11/20/07

... Category	C H	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
A.JUNE06	H	X688	17.2	06-23-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X689	17.2	06-23-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X693	17.1	06-24-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X694	17.1	06-24-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X697	17.1	06-25-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X698	17.1	06-25-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X700	17.1	06-25-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X703	17.1	06-25-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X707	17.1	06-25-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X716	17.1	06-26-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X721	17.0	06-27-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X725	17.0	06-27-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X729	17.0	06-28-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X734	17.0	06-28-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
A.JUNE06	H	X748	16.9	06-30-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X753	16.9	07-01-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X757	16.9	07-01-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X758	16.9	07-01-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X760	16.9	07-01-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X769	16.9	07-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X776	16.9	07-02-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X779	16.8	07-03-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
B.JULY06	H	X787	16.8	07-03-06	7	12	TOMCPA02/17/07	MC/ORG06/05/07
			17.6					

119 Animals Selected, 119 Data Lines

Report 162: Maricopa Heifers to Organic
SHAMROCK FARMS Test Date: 8/30/07

... Category	C H	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
C.AUG06	H	Y216	13.5	08-14-06	7	76	TOMCPA03/31/07	MC/ORG09/21/07
C.AUG06	H	Y226	13.4	08-15-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y233	13.4	08-16-06	7	76	TOMCPA03/31/07	MC/ORG09/21/07
C.AUG06	H	Y239	13.4	08-17-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y301	13.2	08-21-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y302	13.2	08-21-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y303	13.2	08-21-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y307	13.2	08-22-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y308	13.2	08-22-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y311	13.2	08-22-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y312	13.2	08-22-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y319	13.2	08-23-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y321	13.2	08-23-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y323	13.2	08-23-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y326	13.2	08-23-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y327	13.2	08-23-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y328	13.2	08-23-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y330	13.1	08-24-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y331	13.1	08-24-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y334	13.1	08-24-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y335	13.1	08-24-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y337	13.1	08-24-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y338	13.1	08-24-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y340	13.1	08-24-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y341	13.1	08-24-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y343	13.1	08-24-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y345	13.1	08-24-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y348	13.1	08-24-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y351	13.1	08-25-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y353	13.1	08-25-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y354	13.1	08-25-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y356	13.1	08-25-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y357	13.1	08-25-06	7	76	TOMCPA03/31/07	MC/ORG09/21/07
C.AUG06	H	Y358	13.1	08-25-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y359	13.1	08-25-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y361	13.1	08-25-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y362	13.1	08-25-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y363	13.1	08-25-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y364	13.1	08-25-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y366	13.1	08-25-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y367	13.1	08-25-06	7	76	TOMCPA05/19/07	MC/ORG09/21/07
C.AUG06	H	Y369	13.1	08-25-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y370	13.1	08-26-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y371	13.1	08-26-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y372	13.1	08-26-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y375	13.1	08-26-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y376	13.1	08-26-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y377	13.1	08-26-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y378	13.1	08-26-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07

Report 162: Maricopa Heifers to Organic
SHAMROCK FARMS Test Date: 8/30/07

... Category	C H	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
C.AUG06	H	Y381	13.1	08-26-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y384	13.1	08-26-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y389	13.0	08-27-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y390	13.0	08-27-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y392	13.0	08-27-06	7	76	TOMCPA04/07/07	MC/ORG09/21/07
C.AUG06	H	Y393	13.0	08-27-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y395	13.0	08-27-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y398	13.0	08-27-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y406	13.0	08-27-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y409	13.0	08-28-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y410	13.0	08-28-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y411	13.0	08-28-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y415	13.0	08-28-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y417	13.0	08-28-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y418	13.0	08-28-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y419	13.0	08-28-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y420	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y422	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y424	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y427	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y428	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y429	13.0	08-29-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y430	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y431	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y432	13.0	08-29-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y433	12.9	08-30-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y437	12.9	08-30-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y438	12.9	08-30-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y439	12.9	08-30-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y440	12.9	08-30-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
C.AUG06	H	Y444	12.9	08-30-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y445	12.9	08-30-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y446	12.9	08-30-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y447	12.9	08-30-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y450	12.9	08-31-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y452	12.9	08-31-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y453	12.9	08-31-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y454	12.9	08-31-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y455	12.9	08-31-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y456	12.9	08-31-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
C.AUG06	H	Y459	12.9	08-31-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y460	12.9	08-31-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
C.AUG06	H	Y461	12.9	08-31-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y462	12.9	09-01-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y464	12.9	09-01-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
D.SEPT06	H	Y465	12.9	09-01-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y468	12.9	09-01-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y469	12.9	09-01-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y470	12.9	09-01-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07

Report 162: Maricopa Heifers to Organic
SHAMROCK FARMS Test Date: 8/30/07

... Category	C H	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
D.SEPT06	H	Y471	12.9	09-01-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y472	12.9	09-01-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y473	12.9	09-01-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y474	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y475	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y476	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y477	12.8	09-02-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y481	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y482	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y483	12.8	09-02-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y484	12.8	09-02-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y485	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y486	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y490	12.8	09-02-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y491	12.8	09-02-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y492	12.8	09-02-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y493	12.8	09-03-06	7	76	TOMCPA04/14/07	MC/ORG09/21/07
D.SEPT06	H	Y496	12.8	09-03-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y498	12.8	09-03-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y500	12.8	09-03-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
D.SEPT06	H	Y503	12.8	09-03-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y504	12.8	09-03-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y505	12.8	09-03-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
D.SEPT06	H	Y507	12.8	09-03-06	7	76	TOMCPA05/26/07	MC/ORG09/21/07
D.SEPT06	H	Y509	12.8	09-04-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y512	12.8	09-04-06	7	76	TOMCPA04/28/07	MC/ORG09/21/07
D.SEPT06	H	Y514	12.8	09-04-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y515	12.8	09-04-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y516	12.8	09-04-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y518	12.8	09-04-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y520	12.8	09-04-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
D.SEPT06	H	Y527	12.7	09-05-06	7	76	TOMCPA04/21/07	MC/ORG09/21/07
130			12.9					

130 Animals Selected, 130 Data Lines

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	Date Calved	User20
	Y226			10-17-08	MC/ORG09/21/07
	Y239			10-26-08	MC/ORG09/21/07
	Y302			10-26-08	MC/ORG09/21/07
	Y303			10-09-08	MC/ORG09/21/07
	Y307			10-25-08	MC/ORG09/21/07
	Y321			11-06-08	MC/ORG09/21/07
	Y323			10-25-08	MC/ORG09/21/07
	Y326			10-24-08	MC/ORG09/21/07
	Y327			10-26-08	MC/ORG09/21/07
	Y328			10-22-08	MC/ORG09/21/07
	Y331			10-24-08	MC/ORG09/21/07
	Y335			10-22-08	MC/ORG09/21/07
	Y340			10-15-08	MC/ORG09/21/07
	Y341			10-24-08	MC/ORG09/21/07
	Y345			10-21-08	MC/ORG09/21/07
	Y356			10-05-08	MC/ORG09/21/07
	Y361			10-27-08	MC/ORG09/21/07
	Y366			10-13-08	MC/ORG09/21/07
	Y367			10-24-08	MC/ORG09/21/07
	Y372			10-22-08	MC/ORG09/21/07
	Y375			10-13-08	MC/ORG09/21/07
	Y384			11-05-08	MC/ORG09/21/07
	Y389			10-16-08	MC/ORG09/21/07
	Y390			10-08-08	MC/ORG09/21/07
	Y392			10-28-08	MC/ORG09/21/07
	Y398			10-26-08	MC/ORG09/21/07
	Y406			10-20-08	MC/ORG09/21/07
	Y409			10-31-08	MC/ORG09/21/07
	Y410			10-26-08	MC/ORG09/21/07
	Y411			10-27-08	MC/ORG09/21/07
	Y415			10-30-08	MC/ORG09/21/07
	Y417			10-19-08	MC/ORG09/21/07
	Y418			10-09-08	MC/ORG09/21/07
	Y419			10-23-08	MC/ORG09/21/07
	Y420			10-22-08	MC/ORG09/21/07
	Y422			11-02-08	MC/ORG09/21/07
	Y424			10-22-08	MC/ORG09/21/07
	Y427			10-30-08	MC/ORG09/21/07
	Y429			10-17-08	MC/ORG09/21/07
	Y430			10-15-08	MC/ORG09/21/07
	Y432			10-25-08	MC/ORG09/21/07
	Y433			10-17-08	MC/ORG09/21/07
	Y439			10-30-08	MC/ORG09/21/07
	Y440			11-09-08	MC/ORG09/21/07
	Y444			10-29-08	MC/ORG09/21/07
	Y445			11-06-08	MC/ORG09/21/07
	Y446			11-01-08	MC/ORG09/21/07
	Y454			10-29-08	MC/ORG09/21/07
	Y455			11-10-08	MC/ORG09/21/07

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	Date Calved	User20
	Y456			10-08-08	MC/ORG09/21/07
	Y460			10-28-08	MC/ORG09/21/07
	Y461			10-21-08	MC/ORG09/21/07
	Y462			11-11-08	MC/ORG09/21/07
	Y468			10-28-08	MC/ORG09/21/07
	Y469			10-09-08	MC/ORG09/21/07
	Y472			10-14-08	MC/ORG09/21/07
	Y473			10-28-08	MC/ORG09/21/07
	Y474			11-01-08	MC/ORG09/21/07
	Y475			10-24-08	MC/ORG09/21/07
	Y476			08-06-08	MC/ORG09/21/07 ABORTION
	Y481			11-04-08	MC/ORG09/21/07
	Y482			10-26-08	MC/ORG09/21/07
	Y484			10-09-08	MC/ORG09/21/07
	Y490			10-19-08	MC/ORG09/21/07
	Y491			10-30-08	MC/ORG09/21/07
	Y493			10-31-08	MC/ORG09/21/07
	Y496			10-29-08	MC/ORG09/21/07
	Y500			11-03-08	MC/ORG09/21/07
	Y503			10-15-08	MC/ORG09/21/07
	Y504			10-29-08	MC/ORG09/21/07
	Y505			11-02-08	MC/ORG09/21/07
	Y515			10-15-08	MC/ORG09/21/07
	Y518			10-22-08	MC/ORG09/21/07
	Y527			10-30-08	MC/ORG09/21/07

74 Animals Selected, 74 Data Lines

DHI-Plus 86-01-9013 SHAMROCK FRM ORGANIC

File Edit Options Cow Input Reports Interface Tracking Window Help

Custom Report | Cow Display | Profile | Scatter Plots | Input | Audit Update | Semen Inventory | Concp Report | Transmit | Quick Keys | Barn Sheet | Help | BA | EA

Cow Display

Vital Statistics | Identification | Production | Previous Lactations | Progeny | Breeding and Health | User Fields

Control Number: Y476 — 86VGB0784 — Live Files / Archive

Status: 2 Lact: 1 Birth: 09-02-06 Sire: 14H3160 Misc: DELV

BRED Calved: 08-06-08 105 DIM 1-11 Age at Calving

OK to Breed: 60 Open

Times Bred: 1 45 DSB

Planned Sires: Sire 1: 7H6834 Sire 2: 7H6759

	Date	Sire	Tec	Interval
Bred	10-05-08	7H6834	1	20

Classification Score

Vet Check: Body Con.

Due To Dry: 05-13-09 Prev Dry

Date Due: 07-12-09 2-10 Age Due

Projected Calving Interval: 11.2 Months

Test Date	DIM	Milk	%F	%P	SCC	SCS
10-26-08	82	46.0				
10-26-08	82	46.0	4.0	2.6	344	4.83

Calf. ID: ABORTION M Sire: 14H03913

Lact to Date: Days 97 Milk 4620

Ext Milk 13170 % Rel Value 88

String: Perm 0 Temp 10 Days

Date	Health Event	Tec	Date	Field	User Defined Event
10-05-08	HBR	1	09-10-08	*S3<4	35d

Times Mast 0 Last Mast CAR: P A T Test Date 10-26-08

>> Next << Previous Find... Group... Print... Close

Herd I...

Y476

30: Vet Check Audit Report (Enter P-string=?, Vckokdt=? & -Hthdte=?)
ROCK FRM ORGANIC Test Date: 4/27/08

Ctrl No	Vet Chk Ok Date	OK	PO	Vet Chk Date	Dsb	Health Date	Health Diag	Breeding Sire	Misc	Last Brd Date	2-Last-B Date
7	05-22-08	K	O	05-22-08					DELV		
						05-22-08	OPEN NB				
						05-22-08	NSS				
						05-22-08	NS				
Y330	05-22-08	K	O	05-22-08	107			14H4026	OK	02-05-08	01-16-08
						05-22-08	OPEN@107				
Y216	05-22-08	K	O	05-22-08	103			14H4191		02-09-08	01-20-08
						05-22-08	OPEN@103				
3		K	O		105						
3			O		105						
Y239	05-22-08	K	P	05-22-08	125			14H03831	OK	01-18-08	
						05-22-08	PREG@125				
Y323	05-22-08	K	P	05-22-08	124			14H03831	OK	01-19-08	
						05-22-08	PREG@124				
Y327	05-22-08	K	P	05-22-08	126			14H03831	DELV	01-17-08	01-17-08
						05-22-08	PREGVC@126				
Y372	05-22-08	K	P	05-22-08	124			14H03831	OK	01-19-08	
						05-22-08	PREG@124				
Y398	05-22-08	K	P	05-22-08	126			14H03831	DELV	01-17-08	
						05-22-08	PREG@126				
Y444	05-22-08	K	P	05-22-08	126			14H03831	OK	01-17-08	
						05-22-08	PREG@126				
Y475	05-22-08	K	P	05-22-08	124			14H03831	OK	01-19-08	
						05-22-08	PREG@124				
32	05-22-08	K	P	05-22-08	126			14H03831	OK	01-17-08	
						05-22-08	PREG@126				
Y491	05-22-08	K	P	05-22-08	125			14H03831	DELV	01-18-08	
						05-22-08	PREG@125				
Y496	05-22-08	K	P	05-22-08	126			14H03831	DELV	01-17-08	
						05-22-08	PREG@126				
Y504	05-22-08	K	P	05-22-08	124			14H03831	DELV	01-19-08	
						05-22-08	PREG@124				
Y354	05-22-08	K	P	05-22-08	105			14H03913	DELV	02-07-08	01-18-08
						05-22-08	PREG@105				
Y389	05-22-08	K	P	05-22-08	129			14H03913	DELV	01-14-08	
						05-22-08	PREG@129				
Y429	05-22-08	K	P	05-22-08	129			14H03913	DELV	01-14-08	
						05-22-08	PREG@129				
Y460	05-22-08	K	P	05-22-08	119			14H03913	DELV	01-24-08	
						05-22-08	PREG@119				
Y476	05-22-08	K	P	05-22-08	129			14H03913	DELV	01-14-08	
						05-22-08	PREG@129				
Y303	05-22-08	K	P	05-22-08	133			14H3913	DELV	01-10-08	
						05-22-08	PREG@133				
Y348	05-22-08	K	P	05-22-08	88			14H3913	OK	02-24-08	02-04-08
						05-22-08	PREG@88				
Y356	05-22-08	K	P	05-22-08	131			14H3913	DELV	01-12-08	
						05-22-08	PREG@131				
58	05-22-08	K	P	05-22-08	96			14H3913	DELV	02-16-08	01-20-08

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	~~Date Calved~~ Birth	User20
	Y233	H	7	08-16-06	MC/ORG09/21/07
H	Y301	H	7	08-21-06	MC/ORG09/21/07
H	Y308	H	7	08-22-06	MC/ORG09/21/07
H	Y312	H	7	08-22-06	MC/ORG09/21/07
H	Y319	H	7	08-23-06	MC/ORG09/21/07
H	Y330	H	7	08-24-06	MC/ORG09/21/07
H	Y337	H	7	08-24-06	MC/ORG09/21/07
H	Y338	H	7	08-24-06	MC/ORG09/21/07
H	Y343	H	7	08-24-06	MC/ORG09/21/07
H	Y348	H	7	08-24-06	MC/ORG09/21/07
H	Y351	H	7	08-25-06	MC/ORG09/21/07
H	Y353	H	7	08-25-06	MC/ORG09/21/07
H	Y354	H	7	08-25-06	MC/ORG09/21/07
H	Y357	H	7	08-25-06	MC/ORG09/21/07
H	Y358	H	7	08-25-06	MC/ORG09/21/07
H	Y359	H	7	08-25-06	MC/ORG09/21/07
H	Y362	H	7	08-25-06	MC/ORG09/21/07
H	Y363	H	7	08-25-06	MC/ORG09/21/07
H	Y364	H	7	08-25-06	MC/ORG09/21/07
H	Y369	H	7	08-25-06	MC/ORG09/21/07
H	Y370	H	7	08-26-06	MC/ORG09/21/07
H	Y371	H	7	08-26-06	MC/ORG09/21/07
H	Y376	H	7	08-26-06	MC/ORG09/21/07
H	Y377	H	7	08-26-06	MC/ORG09/21/07
	Y381	H	7	08-26-06	MC/ORG09/21/07
H	Y393	H	7	08-27-06	MC/ORG09/21/07
H	Y395	H	7	08-27-06	MC/ORG09/21/07
H	Y428	H	7	08-29-06	MC/ORG09/21/07
H	Y431	H	7	08-29-06	MC/ORG09/21/07
H	Y438	H	7	08-30-06	MC/ORG09/21/07
H	Y447	H	7	08-30-06	MC/ORG09/21/07
H	Y450	H	7	08-31-06	MC/ORG09/21/07
H	Y452	H	7	08-31-06	MC/ORG09/21/07
H	Y453	H	7	08-31-06	MC/ORG09/21/07
H	Y459	H	7	08-31-06	MC/ORG09/21/07
H	Y464	H	7	09-01-06	MC/ORG09/21/07
H	Y465	H	7	09-01-06	MC/ORG09/21/07
H	Y470	H	7	09-01-06	MC/ORG09/21/07
H	Y471	H	7	09-01-06	MC/ORG09/21/07
H	Y477	H	7	09-02-06	MC/ORG09/21/07
H	Y483	H	7	09-02-06	MC/ORG09/21/07
H	Y485	H	7	09-02-06	MC/ORG09/21/07
H	Y486	H	7	09-02-06	MC/ORG09/21/07
H	Y492	H	7	09-02-06	MC/ORG09/21/07
H	Y498	H	7	09-03-06	MC/ORG09/21/07
H	Y507	H	7	09-03-06	MC/ORG09/21/07
H	Y509	H	7	09-04-06	MC/ORG09/21/07
H	Y512	H	7	09-04-06	MC/ORG09/21/07
	Y514	H	7	09-04-06	MC/ORG09/21/07

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	Date Calved	User20
	Y516	H	7	09-04-06	MC/ORG09/21/07
H	Y520	H	7	09-04-06	MC/ORG09/21/07

51 Animals Selected, 51 Data Lines

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	Date Calved	User20
	X256			07-09-08	MC/ORG06/05/07
	X403			08-09-08	MC/ORG06/05/07
	X409			07-21-08	MC/ORG06/05/07
	X417			07-31-08	MC/ORG06/05/07
	X418			07-16-08	MC/ORG06/05/07
	X421			07-15-08	MC/ORG06/05/07
	X422			07-07-08	MC/ORG06/05/07
	X429			08-24-08	MC/ORG06/05/07
	X432			06-26-08	MC/ORG06/05/07
	X469			07-06-08	MC/ORG06/05/07
	X474			06-24-08	MC/ORG06/05/07
	X483			06-28-08	MC/ORG06/05/07
	X490			08-11-08	MC/ORG06/05/07
	X499			07-14-08	MC/ORG06/05/07
	X501			10-01-08	MC/ORG06/05/07
	X504			08-10-08	MC/ORG06/05/07
	X507			07-19-08	MC/ORG06/05/07
	X514			07-06-08	MC/ORG06/05/07
	X515			06-24-08	MC/ORG06/05/07
	X516			06-28-08	MC/ORG06/05/07
	X518			08-14-08	MC/ORG06/05/07
	X519			07-03-08	MC/ORG06/05/07
	X520			07-23-08	MC/ORG06/05/07
	X521			07-03-08	MC/ORG06/05/07
	X522			07-26-08	MC/ORG06/05/07
	X523			08-05-08	MC/ORG06/05/07
	X525			09-25-08	MC/ORG06/05/07
	X526			08-16-08	MC/ORG06/05/07
	X529			09-15-08	MC/ORG06/05/07
	X534			07-12-08	MC/ORG06/05/07
	X536			07-15-08	MC/ORG06/05/07
	X539			07-31-08	MC/ORG06/05/07
	X542			07-09-08	MC/ORG06/05/07
	X543			07-08-08	MC/ORG06/05/07
	X545			08-05-08	MC/ORG06/05/07
	X548			08-10-08	MC/ORG06/05/07
	X549			08-16-08	MC/ORG06/05/07
	X550			07-08-08	MC/ORG06/05/07
	X552			06-29-08	MC/ORG06/05/07
	X553			07-09-08	MC/ORG06/05/07
	X554			06-26-08	MC/ORG06/05/07
	X558			07-20-08	MC/ORG06/05/07
	X560			10-09-08	MC/ORG06/05/07
	X561			07-12-08	MC/ORG06/05/07
	X562			06-30-08	MC/ORG06/05/07
	X565			06-30-08	MC/ORG06/05/07
	X568			08-03-08	MC/ORG06/05/07
	X572			07-15-08	MC/ORG06/05/07
	X579			07-25-08	MC/ORG06/05/07

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	Date Calved	User20
	X581			07-11-08	MC/ORG06/05/07
	X588			07-16-08	MC/ORG06/05/07
	X591			10-01-08	MC/ORG06/05/07
	X593			07-12-08	MC/ORG06/05/07
	X596			06-21-08	MC/ORG06/05/07
	X597			08-01-08	MC/ORG06/05/07
	X598			09-25-08	MC/ORG06/05/07
	X604			07-06-08	MC/ORG06/05/07
	X605			08-03-08	MC/ORG06/05/07
	X606			06-25-08	MC/ORG06/05/07
	X613			07-07-08	MC/ORG06/05/07
	X614			06-30-08	MC/ORG06/05/07
	X615			08-16-08	MC/ORG06/05/07
	X617			08-05-08	MC/ORG06/05/07
	X620			07-02-08	MC/ORG06/05/07
	X622			08-06-08	MC/ORG06/05/07
	X623			07-16-08	MC/ORG06/05/07
	X625			06-29-08	MC/ORG06/05/07 ←
	X627			07-04-08	MC/ORG06/05/07
	X628			06-30-08	MC/ORG06/05/07
	X629			06-26-08	MC/ORG06/05/07 ←
	X632			07-08-08	MC/ORG06/05/07
	X643			07-16-08	MC/ORG06/05/07
	X645			07-05-08	MC/ORG06/05/07
	X649			07-02-08	MC/ORG06/05/07
	X650			06-21-08	MC/ORG06/05/07
	X651			07-07-08	MC/ORG06/05/07
	X652			07-04-08	MC/ORG06/05/07
	X653			07-11-08	MC/ORG06/05/07
	X655			07-03-08	MC/ORG06/05/07
	X656			07-19-08	MC/ORG06/05/07
	X660			07-23-08	MC/ORG06/05/07
	X661			08-08-08	MC/ORG06/05/07
	X668			09-27-08	MC/ORG06/05/07
	X670			07-15-08	MC/ORG06/05/07
	X674			07-31-08	MC/ORG06/05/07
	X676			09-05-08	MC/ORG06/05/07
	X685			07-03-08	MC/ORG06/05/07
	X688			07-25-08	MC/ORG06/05/07
	X689			07-15-08	MC/ORG06/05/07
	X693			07-03-08	MC/ORG06/05/07
	X694			07-20-08	MC/ORG06/05/07
	X697			07-03-08	MC/ORG06/05/07
	X698			07-15-08	MC/ORG06/05/07
	X703			07-07-08	MC/ORG06/05/07
	X707			08-15-08	MC/ORG06/05/07
	X716			08-27-08	MC/ORG06/05/07
	X721			07-02-08	MC/ORG06/05/07
	X725			07-06-08	MC/ORG06/05/07

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	Date Calved	User20
	X729			08-21-08	MC/ORG06/05/07
	X734			07-05-08	MC/ORG06/05/07
	X753			07-09-08	MC/ORG06/05/07
	X757			07-13-08	MC/ORG06/05/07
	X760			07-25-08	MC/ORG06/05/07
	X769			07-19-08	MC/ORG06/05/07
	X776			08-08-08	MC/ORG06/05/07
	X787			07-21-08	MC/ORG06/05/07

106 Animals Selected, 106 Data Lines

Report 204: heifers trans to Org
SHAMROCK FRM ORGANIC Test Date: 10/26/08

C H	Ctrl No	C H	P St	Date Calved	Date Lft Herd	User20
	X758	H	7	07-01-06		MC/ORG06/05/07

1 Animals Selected, 1 Data Lines

Open x cow

Report 161: Left H[illegible]by Date Range - Recap
SHAMROCK FRM O[illegible]GANIC Test Date: 4/27/08 Milk Weight Date: 5/25/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013	H	R975		35.8	228	P		1089	05-29-08	8		05-29-08	05-29-08	JOHN	05-29-08	OPEN	01-17-08	PG RBRD@32[illegible]
86019013	H	S822		22.9				148	05-29-08	8		05-29-08	05-29-08	JOHN	05-29-08	MEAN		
86019013	H	S830		22.9				148	05-29-08	8		05-29-08	05-29-08	JOHN	05-29-08	BIG		
86019013	H	X580		23.7	229	O		721	05-29-08	8		05-29-08	05-29-08	JOHN	05-29-08	OPEN	05-29-08	PG OPEN@22[illegible]
86019013	H	4		26.3	228			526										
	H	4		26.3	228			526										
		20	1	34.0	146		29.4	337										

20 Animals Selected, 20 Data Lines

Report 161: Left H[illegible]y Date Range - Recap
SHAMROCK FRM O[illegible]ANIC Test Date: 5/25/08

Herd Number	C H	Ctrl No	L No	Age M:hs	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013	H	Y378		21.5	146	P		653	06-08-08	8		06-08-08	06-08-08	JOHN	06-08-08	CORRAL	06-08-08	DOWN
86019013	H	1		21.5	146			653										
	H	1		21.5	146			653										
		1		21.5	146			653										

1 Animals Selected, 1 Data Lines

Report 161: Left H[illegible] by Date Range - Recap
SHAMROCK FARI[illegible] Test Date: 5/25/08 Milk Weight Date: 6/22/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013	H	S838		24.0				180	06-30-08	8		06-30-08	06-30-08	JOHN	06-30-08	BIG		
86019013	H	Y437		22.1		O		671	06-30-08	8		06-30-08	06-30-08	JOHN	06-30-08	F/M	06-30-08	OPEN
86019013	H	2		23.0				425										
	H	3		15.4				285										
		11	4	55.5	109		59.2	138										

11 Animals Selected, 11 Data Lines

Report 161: Left H by Date Range - Recap
SHAMROCK FARM Test Date: 5/25/08 Milk Weight Date: 6/22/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013		R744	2	38.0			62.0	21	06-30-08	8		06-30-08	06-30-08	JOHN	06-30-08	MASTITIS	06-30-08	STAPH
86019013		X748	1	24.1				3	06-30-08	8		06-30-08	06-30-08	JOHN	06-30-08	NERVE DAMAG	06-28-08	CE4
86019013		2	1	31.0			62.0	12										
		8	4	70.5	109		59.2	82										

11 Animals Selected, 11 Data Lines

Report 161: Left H[illegible] by Date Range - Recap
SHAMROCK FAR[illegible] Test Date: 5/25/08 Milk Weight Date: 6/22/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013		R744	2	38.1			62.0	21	06-30-08	8		06-30-08	06-30-08	JOHN	06-30-08	MASTITIS	06-30-08	STAPH
86019013		X748	1	24.1				3	06-30-08	8		06-30-08	06-30-08	JOHN	06-30-08	NERVE DAMAG	06-28-08	CE4
86019013		2	1	31.1			62.0	12										
		8	4	70.6	109		59.2	82										

46 Animals Selected, 46 Data Lines

Report 161: Left H by Date Range - Recap
SHAMROCK FARM Test Date: 6/22/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013		X508	1	26.2				14	07-26-08	9		07-26-08	07-26-08	JOHN	07-26-08	INT. BLEED.	07-26-08	CORRAL
86019013		1	1	26.2				14										
		4	1	34.1	141		69.0	123										

5 Animals Selected, 5 Data Lines

Report 161: Left H by Date Range - Recap
SHAMROCK FRM ANIC Test Date: 7/27/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
85019013		R619	2	40.2			19.0	22	08-04-08	9		08-04-08	08-04-08	JOHN	08-04-08	PNEUMONIA?	07-14-08	CE3
85019013		X570	1	26.0				6	08-04-08	9		08-04-08	08-04-08	JOHN	08-04-08	INT. BLEED.	07-30-08	CE3
85019013		2	1	33.1			19.0	14										
		12	3	64.1	127		38.1	115										

14 Animals Selected, 14 Data Lines

Report 161: Left Herd by Date Range - Recap
SHAMROCK FARM Test Date: 8/24/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013	H	X662		26.4	163	P		800	08-28-08	9		08-28-08	08-28-08	JOHN	08-28-08	BLOATED?	05-22-08	PREG@65
86019013	H	1		26.4	163			800										
	H	5		15.6	181			472										
		18	3	51.8	148		47.4	265										

18 Animals Selected, 18 Data Lines

Report 161: Left H[illegible]y Date Range - Recap
SHAMROCK FARM[illegible] Test Date: 7/27/08

Herd Numbe	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013	H	X612		26.4	259	P		800	08-21-08	8		08-21-08	08-21-08	JOHN	08-21-08	OPEN	01-16-08	PREG@41
86019013	H	Y334		24.1	205	O		729	08-21-08	8		08-21-08	08-21-08	JOHN	08-21-08	OPEN	07-24-08	PG OPEN@177
86019013	H	2		25.2	232			764										
	H	5		25.1	232			466										
		15	3	52.3	152		70.8	245										

15 Animals Selected, 15 Data Lines

Report 161: Left Herd by Date Range - Recap
SHAMROCK FRM ANIC Test Date: 8/24/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013		R541	2	41.8	36		44.0	108	09-04-08	8		09-04-08	09-04-08	JOHN	09-04-08	D.A.	07-30-08	HBR
86019013		X631	1	27.1			16.0	22	09-04-08	8		09-04-08	09-04-08	JOHN	09-04-08	HARD CALV.	08-14-08	CE2
86019013		X700	1	26.8			23.0	25	09-04-08	8		09-04-08	09-04-08	JOHN	09-04-08	HARD CALV.	08-11-08	CE3
86019013		3	1	31.9	36		27.6	51										
		12	2	57.7	76		41.4	174										

14 Animals Selected, 14 Data Lines

Report 161: Left Herd by Date Range - Recap
SHAMROCK FRM ORGANIC Test Date: 8/24/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013	H	Y216		25.2	208	O		753	09-04-08	8		09-04-08	09-04-08	JOHN	09-04-08	OPEN	05-22-08	OPEN@103
86019013	H	1		25.2	208			753										
	H	2		27.7	280			829										
		14	2	53.4	127		41.4	268										

14 Animals Selected, 14 Data Lines

Report 161: Left H[illegible] by Date Range - Recap
SHAMROCK FRM [illegible]ANIC Test Date: 8/24/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013	H	X662		26.4	163	P		800	08-28-08	9		08-28-08	08-28-08	JOHN	08-28-08	BLOATED?	05-22-08	PREG@65
86019013	H	1		26.4	163			800										
	H	3		9.5	163			288										
		3		9.5	163			288										

3 Animals Selected, 3 Data Lines

Report 161: Left [illegible] by Date Range - Recap
SHAMROCK FRM [illegible]ANIC Test Date: 9/21/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013		X512	1	28.9	35			89	10-09-08	9		10-09-08	10-09-08	JOHN	10-09-08	CORRAL	10-09-08	SPLIT OUT
86019013		1	1	28.9	35			89										
		14	3	58.0	93		73.8	114										

21 Animals Selected, 21 Data Lines

Report 161: Left H[illegible] by Date Range - Recap
SHAMROCK FRM [illegible] ANIC Test Date: 9/21/08

Herd Number	C H	Ctrl No	L No	Age Mths	Dsb	P O	Daily Milk	DIM LeftH	Date Lft Herd	L S	L R	Last Hth Date	Last Hth Date	Last Hth Diag	2-Last-H Date	2-Last-H Diag	3-Last-H Date	3-Last-H Diag
86019013		X402	1	29.4				17	10-13-08	9		10-13-08	10-13-08	JOHN	10-13-08	INT. BLEEDI	09-27-08	CE2
86019013		1	1	29.4				17										
		1	1	29.4				17										
		1	1	29.4				17										

1 Animals Selected, 1 Data Lines

Report 156: Organic to Arizona-Conventional
SHAMROCK FRM ORGANIC Test Date: 8/24/08

C	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
	X779	26.6	07-03-06	2	50	TOAZ09/08/08	MC/ORG06/05/07
	1						

1 Animals Selected, 1 Data Lines

Report 156: Organic to Arizona-Conventional
SHAMROCK FRM ORGANIC Test Date: 8/24/08

C	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
	R422	42.2	03-16-05	2	50	TOAZ09/18/08	TOORG.04/10/07
	R443	42.1	03-18-05	2	50	TOAZ09/18/08	TOORG.04/20/07
	R477	42.0	03-21-05	2	50	TOAZ09/18/08	TOORG.04/10/07
	R596	41.7	03-31-05	2	50	TOAZ09/18/08	TOORG.04/10/07
	X646	27.1	06-19-06	2	50	TOAZ09/18/08	MC/ORG06/05/07
	5						

5 Animals Selected, 5 Data Lines

? PYOMETRIA

moved to conventional herd

Report 156: Organic to Arizona-Conventional
SHAMROCK FRM ORGANIC Test Date: 8/24/08

C	Ctrl No	Age Mths	Birth Date	P St	T St	User19	User20
	X779	26.6	07-03-06	2	50	TOAZ09/08/08	MC/ORG06/05/07
	1						

1 Animals Selected, 1 Data Lines

Breech calving
needed antibiotics
moved to Conventional herd

Beryl 320 Pasture East

Beryl 320 Pasture N

Beryl 320 Pasture W - Dairy in background

Beryl 320 - Crop residue & oats sprouting

Beryl 320 - Sorghum left over

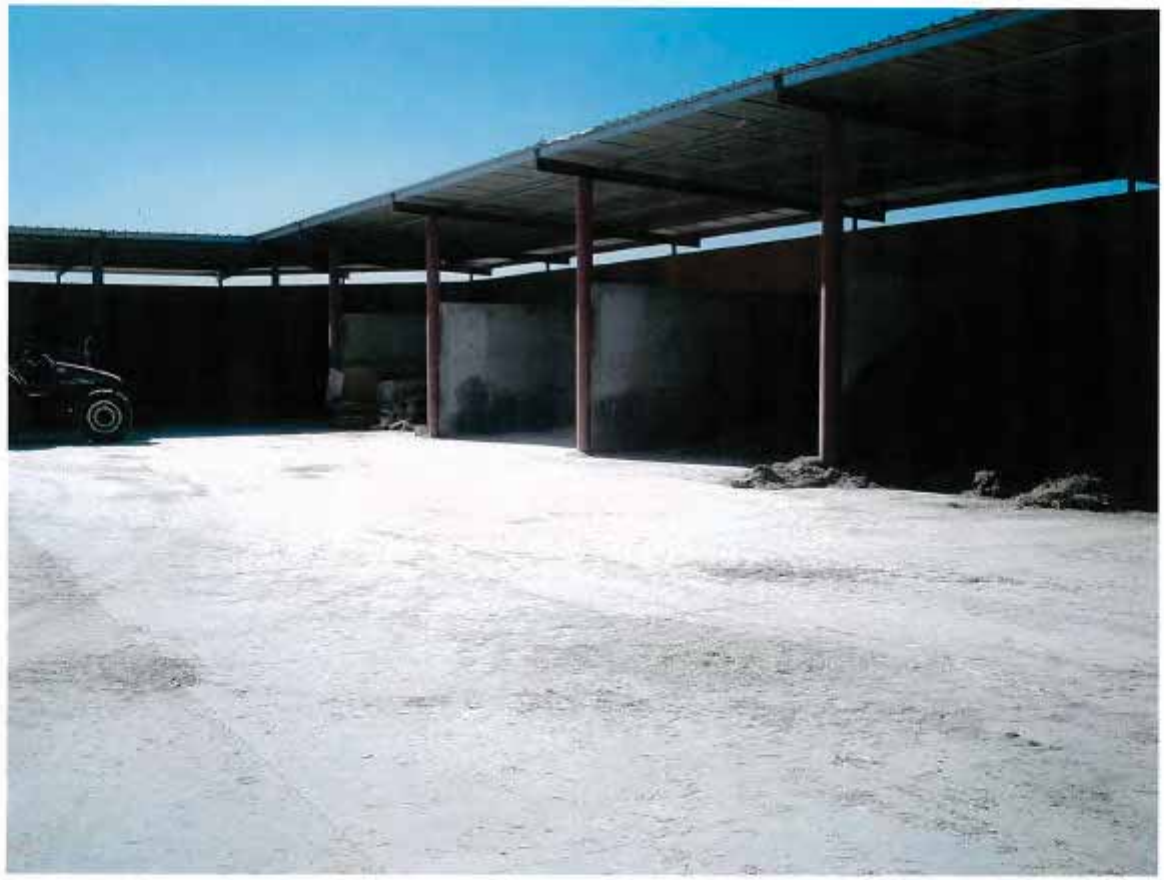
Red River New Seeding

Red River New Seeding

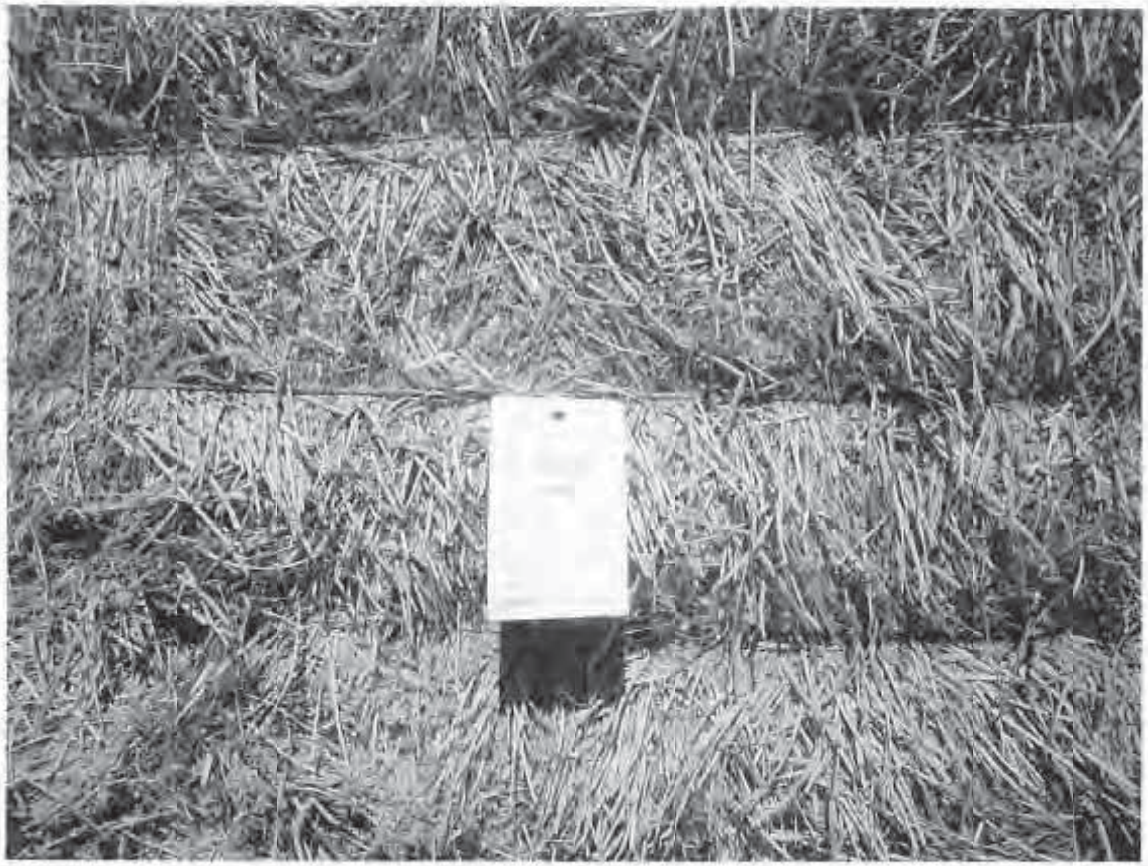
Dairy in background

“Z” Cow in NOG Dairy

OG Feed Storage



Labeled Hay Stack



OG Cows Feeding

OG Barn & Feed alley

OG Cows in shed