

Farmer, Businessman Team Up For Biodiesel Demo At Ag Progress

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vegetable oil is a fairly simple procedure.

"It's really not that hard to do," he said.

The process uses methanol and small amount of lye to separate glycerol and other substances from the vegetable or soybean oil, leaving pure biodiesel.

As manager of Fulton Farm, a community-supported vegetable operation at Wilson College in Chambersburg, Steiman plans to use the fuel to power the farm's irrigation pump, and is considering additional diesel-powered equipment to use on the farm.

Biodiesel is slowly catching on in the area as a renewable, environmentally-friendly replacement for petroleum-based diesel. Many of the tractors at this year's Ag Progress field demonstrations were fueled by a mixture of biodiesel and conventional diesel. One of the Penn State tour buses was also running on the plant-derived fuel.

In the U.S., some biodiesel is being produced and used by farmers and a number of public agencies. Most of this biodiesel comes from the Midwest and is

usually blended with #2 diesel at a rate of 2 or 20 percent (B2 and B20, respectively.)

According to Gerhart, there are only about 10 commercial-scale biodiesel plants in the country.

REDDI has been taking bids for a feasibility study for a plant producing 10 million gallons of biodiesel per year in southcentral Pennsylvania.

About 9.5 million bushels of soybeans per year would be required to supply a facility of that size.

REDDI conducted two meetings this spring, one in Berks County and one in Adams County, to draw farmer participation.

Russ Montgomery, REDDI president, said farmer involvement will be key to the success of the biodiesel project.

"We can't do any of this without farmers," Montgomery said. "We want the farmers to be at the table."

REDDI covers an area including Franklin, Cumberland, Adams, York, Dauphin, Lebanon, Lancaster, and Berks counties, and part of northern Maryland.

For more information, call REDDI at (717) 920-8450.

Northeast Order Uniform Milk Price For July 2003

BOSTON, Mass. — Erik F. Rasmussen, Market Administrator for the Northeast Federal Milk Marketing Order, has announced that the statistical uniform price (SUP) paid by milk dealers (handlers) regulated under the Northeast Order during July 2003 is \$12.46 per hundredweight (\$1.07 per gallon) for milk delivered to plants located in Suffolk County, Mass. (Boston). The producer price differential (PPD) portion of the SUP for July is \$0.68 per hundredweight for milk delivered to plants located in Suffolk County, Mass. The PPD (\$0.68) combined with the corresponding month's Class III price (\$11.78) equals the SUP (\$12.46).

The SUP represents a benchmark minimum price paid to dairy farmers, prior to allowable deductions, for farm milk containing of 3.5 percent butterfat, 2.99 percent protein, and 5.69 percent other solids. The actual price received by an individual dairy farmer will vary as the composition of a farm's milk differs from the component benchmarks. The PPD represents each producer's share of the value generated by the marketwide pool. The PPD is added to the payment producers receive for their milk's components and is adjusted for the location of the receiving plant(s). The SUP and

PPD decrease by scheduled amounts the further away the plant(s) receiving the producers' milk are from Suffolk County, Mass. (Boston).

The Class prices for milk pooled in September 2002 are as follows: Class I, \$13.02 (Suffolk County, Mass.); Class II, \$10.63; Class III, \$11.78; and Class IV, \$9.95. Comparable prices for July 2002 were: Class I, \$13.87; Class II, \$11.14; Class III, \$9.33; and Class IV price, \$10.45. The component values for July 2003 are protein, \$2.5480 per pound; butterfat, \$1.2055 per pound; other solids, -\$0.0124 per pound; and nonfat solids, \$0.6605 per pound.

Milk receipts from producers totaled 2.017 billion pounds. Class I utilization, milk processed as beverage milk, was 41.9 percent of producer milk receipts. The Class I utilization was 39.4 percent in July 2002.

The manufacture of Class II products such as cream, ice cream, yogurt, and cottage cheese utilized 20.3 percent of producer milk. Milk used to manufacture Class III products such as cheese (American and Italian) and evaporated and condensed products utilized 30 percent of total milk receipts. Class IV usage (butter, nonfat and whole milk powder) equaled 7.8 percent of the total.

Leesport Livestock Auction

Leesport, Pa.
August 20, 2003

Report Supplied By PDA

CATTLE 229...(PDA)...(Supply included 93 steers and heifers, 98 cows, 5 bulls and 33 feeder cattle)...Compared with the last week's sale..slaughter steers and heifers sold fully 1.00 higher, cows 1.00 to 3.00 spots 3.00 higher.

STEERS: Choice 1-3 1085-1355 lbs 77.25-81.50, Yield Grade 4-5 75.25-77.75, Select 1-2 71.00-77.00, high dressing 79.00-80.00, Standard 1-2 64.00-72.00.

HOLSTEIN STEERS: Choice 2-3 1160-1455 lbs 68.25-71.25, one 73.25, few Select 1-2 59.25-68.25, Standard 1-2 53.00-58.50.

HEIFERS: Choice 1-3 1065-1455 lbs 75.00-77.75, few Yield Grade 4-5 to 73.00, Select 1-2 73.75-76.76, Standard 1-2 53.00-59.75.

COWS: Breakers 75-80% lean 45.00-50.00, few 51.25-53.50, Boners 80-85% lean 41.00-46.00, Lean 85-90% lean 35.00-42.00. Shells 33.00 and down.

BULLS: Yield Grade 2 1110-1750 lbs 51.00-53.00.

FEEDER CATTLE: STEERS: Large 3 400-845 lbs Holsteins 58.00-60.00; HEIFERS: Medium 2-3 400-645 lbs 54.00-62.50, one lot Large 2 805 lbs 59.00; BULLS: one lot Large 1 405 lbs 92.00, Large 3 500-700 lbs Holsteins 41.00-49.50.

CALVES 170...VEALERS: Standard and Good 80-110 lbs 20.00-35.00, Utility 55-100 lbs 10.00-20.00, few 5.00. FARM CALVES: Holstein bulls mostly 15.00 higher...No 1 Holstein bulls 95-120 lbs 130.00-160.00, few to 110.00, No 2 80-120 lbs 40.00-115.00, mostly 55.00-90.00, one No 1 Holstein heifer 95 lbs 310.00; No 2 75-100 lbs 65.00-110.00, one 225.00.

Beef cross bulls and heifers 75-115 lbs 150.00-162.50, few to 40.00.

HOGS 25...BARROWS AND GILTS: few 45-50% lean 235-260 lbs 37.25-37.50, 40-45% lean 180-330 lbs 30.00-31.00.

FEEDER PIGS 55...1-3 20-30 lbs 55.00-80.00, lot 35.00, 55-60 lbs 35.00-40.00 per cwt.

SHEEP 8...SLAUGHTER LAMBS: one lot Choice 87 lbs 85.00, one lot God and Choice 40 lbs 75.00.

SLAUGHTER SHEEP: 25.00-31.00, Yearlings to 77.50.

GOATS 14...(All goats sold by the head with weights estimated). Kids: Selection 2 20-40 lbs 16.00-30.00. Selection 3 10-20 lbs 1.00-7.00. Billies: one 70 lbs 57.50.

Belknap Livestock

Belknap, Pa.

Report Supplied By USDA

August 20, 2003

CATTLE 134...(PDA).

STEERS: couple Select 1-2 69.00 & 72.00, few Standard 1-2 50.00-58.00.

HOLSTEIN STEERS: few Low Choice and Select 1000-1140 lbs 59.00-66.50.

HEIFERS: few Choice 1-3 994-1034 lbs 73.00-76.00, few Select 1-2 63.50-71.50, few Standard 1-2 53.00-60.00.

COWS: few Breaker 75-80% lean 47.25-55.00, Boners 80-85% lean 41.00-46.00, Lean 85-90% lean 35.00-41.50. Shells 32.75 and down.

BULLS: few Yield Grade 1 1012-1808 lbs 56.50-61.25, one Yield Grade 2 1432 lbs 48.50.

FEEDER CATTLE: STEERS: one Medium 1 652 lbs 75.00; HEIFERS: few Medium 1-2 618-660 lbs 62.00-73.00; BULLS: few Medium 1 370-448 lbs 78.00, few Small 1 474-592 lbs 60.00-64.50.

CALVES 118...VEALERS: couple Choice 296 & 376 lbs 105.00 & 119.00, one Good 152 lbs 67.50, Standard and Good 70-100 lbs 19.00-40.00, Utility 50-80 lbs 5.00-22.00. FARM CALVES: No 1 Holstein bulls 90-115 lbs 112.50-150.00, No 2 80-130 lbs 95.00-110.00; one No 1 Holstein heifer 100 lbs 430.00, couple No 2 88 & 96 lbs 120.00 & 275.00.

Few beef cross bulls and heifers 60-86 lbs 37.50-120.00.

HOGS 29...Barrows and Gilts: 49-54% lean 205-290 lbs 40.50-47.75, 45-50% lean 210-270 lbs 39.75-41.75, 40-45% lean 220-300 lbs 39.50-41.50.

SOWS: one 1-3 460 lbs 28.00.

FEEDER PIGS 37...1-3 15-20 lbs 16.00-17.00, 50-60 lbs 39.00-41.00 per head.

SHEEP 17...SLAUGHTER LAMBS: Choice 95-130 lbs 70.00-78.00. SLAUGHTER SHEEP: few 30.00-33.00.

GOATS 27...(All goats sold by the head with weights estimated). Kids: Selection 2 coupld 40 & 50 lbs 41.00 & 42.00. Nannies: few 60-80 lbs 36.00-53.00. Billies: few 85-100 lbs 29.00-62.00, one 175 lbs 90.00.

Belleville Livestock Auction

Belleville, Pa.

August 21, 2003

Report Supplied By Auction

CATTLE 200...(PDA).SUPPLY INCLUDED 104 COWS AND HEIFERS IN THE DAIRY SALE.

COWS: BREAKERS 75-80% LEAN 44.00-51.50, ONE 54.00, LOW DRESSING DOWN TO 42.75, AVG. 47.20, BONERS 80-85% LEAN 38.00-45.50, AVG. 42.75, LEAN 85-90% LEAN 34.00-43.75, AVG. 37.65, SHELLS 32.00 AND DOWN.

BULLS: ONE YG+N1 1145 LBS. 52.50, ONE YG+N2 1000 LBS. 46.00.

FEEDER CATTLE: STEERS MED. AND LRGE. 3 245-390 LBS. 50.00-55.00, 400-535 LBS. 41.00-56.00; BULLS FEW MED. AND LRGE. 3 305-385 LBS. 50.00-52.50.

CALVES: 66...VEALERS STANDARD AND GOOD 75-100 LBS. 25.00-35.00, UTILITY 60-75 LBS. 15.00-22.00.

FARM CALVES: +N1 HOLSTEIN BULLS 85-120 LBS. 120.00-167.00, AVG. 143.15, +N2 80-120 LBS. 40.00-115.00; +N2 HOLSTEIN HEIFERS 70-90 LBS. 85.00-220.00. ONE BEEF X BULL AND HEIFER 90 LBS. 60.00.

HOGS: 1 SOWS ONE 1-3 375 LBS. 12.00.

FEEDER PIGS: 35...1-3 35-45 LBS. 27.00-36.00 PER HEAD.

SHEEP: 13...SLAUGHTER LAMBS ONE CHOICE 55 LBS. 106.00, 70-105 LBS. 81.00-95.00, ONE GOOD 60 LBS. 50.00.

SLAUGHTER SHEEP: FEW 10.00-36.00.

GOATS: 26...ALL BY THE HEAD WITH WEIGHTS ESTIMATED. KIDS SELECTION 1 20-40 LBS. 28.00, SELECTION 2 UNDER 20 LBS. 3.00-8.00, 20-40 LBS. 12.00-30.00, 40-60 LBS. 37.00; NANNIES 50-70 LBS. 45.00-52.00, 70-100 LBS. 52.50-60.00, 100-125 LBS. 70.00-85.00; BILLIES 50-70 LBS. 48.00-61.00.

DAIRY COWS: 800.00-1500.00 PER HEAD.



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