

## Manure handling

[Continued from Page 1]

Studies by both universities and commercial concerns have proven that manure does increase in value when stored under proper conditions. Information received by Beiler claims that the manure from each of his 50 cows should be worth \$75 more per year than it was worth prior to his converting to the storage system. He has some reservations about the claim, but is nevertheless pleased so far.

He decided to go for the innovation because of his being unsatisfied with the practice of hauling manure every day, increasing the value of the product "and environmental considerations were also in the background." In spite of the costs involved, he proclaims "if is the cheapest manure storage system I could make."

[Continued on Page 26]



Calvin Beiler, Paradise R1 dairyman, expresses nothing but satisfaction with the \$10,000 manure handling system he recently had installed at his 50-cow dairy operation. He's one of the first in the state to have a set-up which incorporates the movement of manure through a large pipeline and into a storage area.



Manure drops through openings in the gutter (top of picture) and down into the chamber via fibreglass chutes. A hydraulic ram pushes the manure through the 12-inch pipe and into a storage area. The hydraulic pump, which is partially visible in the left center of the picture, requires 25

gallons of fluid in order to drive the 10-inch piston which has a 36-inch stroke. The piston is under 1500 p.s.i. pressure and travels at a rate of 5.5 strokes per minute. Installation and maintenance are said to be no problem.

## June milk brings \$8.88

NEW YORK, N.Y. — A uniform farm price of \$8.88 per hundredweight (46.5 quarts) for June milk deliveries to pool handlers under the New York - New Jersey marketing orders was announced this week by Thomas A. Wilson, market administrator. The uniform price was \$8.90 in May 1976 and \$7.53 in June 1975.

The butterfat differential was 10.9 cents for each tenth of a pound of fat above or below 3.5 per cent. The seasonal incentive fund (Louisville Plan) takeout for June was \$4.40 per hundredweight, amounting to a reduction of \$3,502,557.37 in payments to dairy farmers.

Receipts from dairy producers totaled 875,639,342 pounds, 0.9 per cent or 7,920,190 pounds less than in June 1975, Wilson reported. Handlers utilized 371,266,065 pounds of these receipts or 42.4 per cent for fluid milk products (Class I). In June 1975 the Class I utilization percentage was 42.1. For June 1976, handlers paid

\$10.84 for Class I milk compared with \$9.34 a year ago.

Wilson stated that receipts on bulk tank units were 849,744,565 pounds, up 3,020,690 pounds. He added that this was 97.0 per cent of the pool, compared to 95.8 a year ago.

A total of 496,800,852 pounds, or 58.5 per cent, of tank milk was used as Class II and was subject to the transportation credit which amounted to \$496,800.86.

Producers with tank milk numbered 18,154, a decrease of 3.4 per cent. The administrator said that the total number of producers in the pool was 19,273, a loss of 5.6 per cent. Average daily

deliveries per producer rose 71 pounds to 1,514 pounds.

Pool bulk tank units decreased 23 to 184. Reports from 116 handlers were used to compute the pool, seven more than in June 1975. There were 104 handlers with producer milk, a loss of two.

The gross value to dairy farmers for June deliveries was \$78,390,258.75. Wilson explained that this included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

All prices quoted are for milk at 3.5 percent butterfat received within the 201-210 mile zone from New York City.

**When tillage begins, other arts follow. The farmers therefore are the founders of human civilization**

*Daniel Webster*

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