

Individual feeding is key to 23% milk production hike

BY DICK ANGLESTEIN
LEBANON — When a milking herd average jumps a whopping 23 percent from one year to another, there's got to be a reason behind such a production achievement.

Charles Heffelfinger and his mother, Pauline, who

operate a dairy farm off Rt. 343, just north of Lebanon, experienced just such a noteworthy production hike and attribute the increase to individual attention to feeding.

In 1978, the herd average was 14,355 lbs. of milk and 530 lbs. of fat.

In 1979, these herd figures jumped to 17,672 lbs. of milk and 647 lbs. of fat.

That's an increase of 3,317 lbs. of milk, just over 23 percent, that won the Cedar Crest Young Farmers Association production award for the largest herd average milk increase.

The Heffelfingers credit a change in their feeding program as the reason for the increase.

"Instead of feeding our cows as a herd, we now treat them as individuals," Charles explained.

The revised feeding program matches nutritional needs with individual cow production. DHIA records are now closely followed, along with feeding formulation recommendations from their Agway supplier.

All feed is now weighed. The milking cows get 40 pounds of silage once a day along with 18 pounds of hay.

For those cows with more than 50 lbs. of production, a feeding ratio of one to two is followed for corn, oats and

supplements. For every two lbs. of milk production, a cow gets one pound of feed.

For cows producing less than 50 lbs. of milk, a ratio of one to three is followed.

"There's just no doubt that under the old uniform feeding program, some cows were getting too much feed and others weren't getting enough," Pauline explained.

She points to a 13-year-old cow that was always thin and crampy. Under the new feeding program, the cow is now better than she had ever been. Her production increased from 13,329 lbs. to 19,937.

"That particular cow had to be underfed before," she said.

The registered herd is almost 100 percent home-

grown.

"I bought only one cow last March," Charles said, "and that has been the only outside addition to the herd."

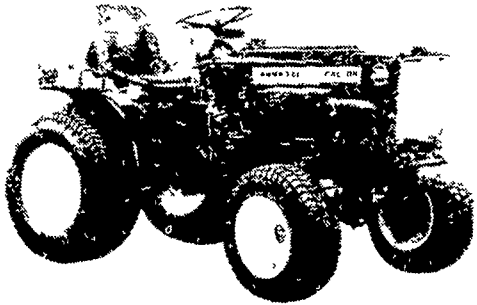
Individual production increases of 60 percent were recorded by some of the cows with the prefix "Hefacres."

Top producer is four-year-old Hefacres King Kurt Kerry with 26,063 lbs. of milk and 749 fat. On her previous lactation, she produced 15,695 lbs. of milk and 433 fat. That's better than a 10,000-lb. increase.

Kerry produced more than 100 lbs. for three months in a row and peaked at 127 lbs.

"That was the first time in 26 years that we had a cow

(Turn to Page C30)



NEW!

**Shift on-the-go. Live PTO.
 Powerful, trouble-free
 18 HP 3-cylinder
 Yanmar Diesel.**



The new easy-to-use Yanmar tractor that boosts productivity.

No other tractor in this class offers you so much in the way of exclusive time and work saving features. Yanmar's Power Shift transmission, which gives you the best of mechanical and hydraulic transmissions for one touch, on-the-go clutch shifting, a live 2 speed PTO, which starts driving the implement before the tractor moves, allowing immediate and full implement performance, and a new 3 cylinder Yanmar diesel engine, with smoother and quieter operation along with Yanmar's legendary economy, power reserve, and durability — the features that make Yanmar the world's largest seller of small diesel engines. They're all built into the new YM186(D).

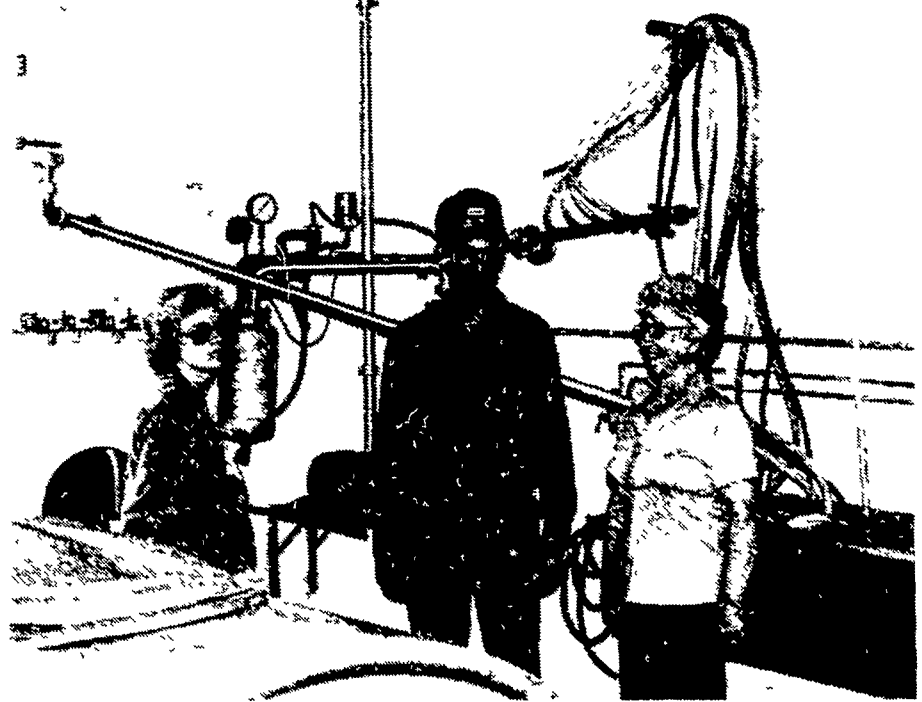
• 2 wheel & 4 wheel drive •

SPECIAL PRICE! 1 ONLY...24 H.P. YANMAR 4 WHEEL DRIVE with BACKHOE \$7800

• LOADER AVAILABLE 100% FINANCING AVAILABLE

MARTIN HARDWARE & EQUIPMENT CO.

Rt. 501, 1½ Miles South of Schaefferstown, PA
 Phone 717-949-6817 Open Mon.-Fri. 8 to 8; Wed. 8 to 12; Sat. 8 to 5



Shown in milk house of Heffelfinger farm, from the left, are Audrey; her husband, Charles; and his mother, Pauline.

DRAINAGE PROBLEMS?



COCALICO EQUIPMENT HAS THE TWO MACHINES TO HANDLE YOUR DRAINAGE PROBLEMS.

★ Both Machines Equipped with Laser Beam Grade Control

Drainage Pays High Returns

	Typical Annual Return
Investment Land Drainage.....	21-46%
Farm Buildings.....	3-23%
Farm Land.....	.11%
Stocks.....	7.4%
Bonds.....	6.1%

COMPARE

Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.

★ We Stock Heavy Grade Tubing which Exceeds SCS Specifications. In sizes 4", 6", 8", 10" and 12".

★ Also Pipe And Fittings For Tile Outlet Terraces.



COCALICO EQUIPMENT CO.

DRAINAGE & EXCAVATING

RD #3, DENVER, PA 17517

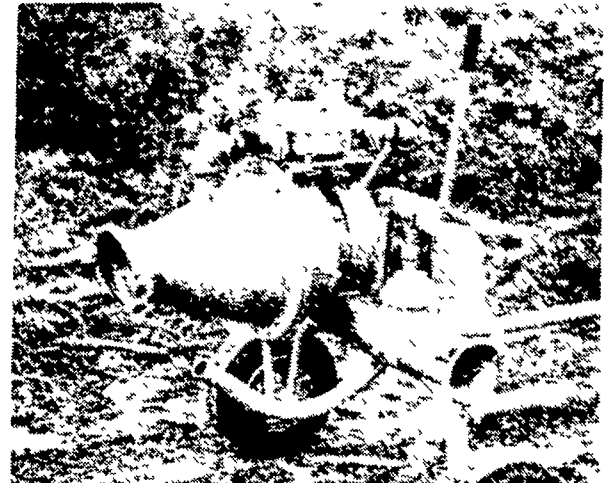
PH: 215-267-3808



For the Finest In
Liquid Manure Equipment
 • BETTER-BILT • HUSKEE •

THEY'RE IN THE BUSINESS OF BUILDING MANURE EQUIPMENT THAT PERFORMS.

We Are Competitive



• PLANNING LAYOUTS • SALES • INSTALLATION • SERVICE

SHENK'S FARM SERVICE

501 E. WOODS DRIVE, LITITZ, PA 17543

• Bulk Tanks • Thermo-Stor

Our Service Trucks Are Radio Dispatched
 24 Hr. Service Offered