

● Lead Feeding
(From page 1)

Charles Craig, Nottingham R2, has about 170 cows in production. When he began the lead feeding program about the middle of October he found his herdsman was feeding the cows in the late stages of lactation more grain than they needed in an effort to keep production from falling off. Some were being forced to rob their own bodies of the nutrients needed to make the milk.

How did Craig get into the lead feeding program? What does he think of it? The first thing this young, energetic dairyman did when he sat down around his kitchen table was to open his Dairy Herd Improvement herd book.

In answer to the last question first, he said, I am not milking any more cows now than I was in October, but the milk production went up from 1,800 pounds per day to 2,500 pounds of milk a day on one farm. "And it's not costing any more" he said.

Craig said he felt this was a good year to try heavy grain feeding because this was a good grain year.

"I knew my cows ought to be milking better" he said, "But I didn't know just what the trouble was." A neighbor, Harry Wilson, was feeding some of his higher producers as much as 25 or 26 pounds of grain a day, Craig said, and production was higher than it had ever been.

In a trouble-shooting session with Paul (Pete) Howard of the Quarryville branch of Eastern States Farmers Exchange Cooperative, Craig decided to try a program of additional grain feeding.

On the advice of Howard, he increased both protein content and amount of feed to cows in early and middle stages of lactation and noticed an immediate increase in production. The herd average jumped from 793 lbs. of milk and 31 pounds of butterfat in October to 877 lbs. of milk and 35 pounds of fat per cow in November.

Craig, cited examples of three individual cows in the herd to show the increase. Cow number one made 371 pounds of fat during the month ending 117 days of her lactation. She made 407

pounds during the month ending her 147th day of milking. Cow number four

went from 41.2 lbs. at 115 days to 46.7 pounds on the 145th day. Cow seven gained from 44.9 at 116 days to 49.3 pounds at 146 days.

"And the cows near the end of their lactation did not drop when we cut back on their feed" Craig said.

Just how does the lead feeding program operate? Pete Howard explained it this way. "You begin by giving the cow a six to eight week dry period. She needs the proper rest to rebuild her body, mammary glands, and body weight, and produce a healthy calf. You have to determine the cow's expected peak of production in her coming lactation by studying her former lactation records, her probable inherited ability and her type potential".

The next step is to calculate the amount of grain needed, with the available forage, to produce at that

that peak level.

Ten days before freshening you begin feeding the cow two-thirds of the amount of feed needed to produce at her peak. On the day after freshening, you begin increasing the amount of feed by one pound every day until her peak production has been reached. The grain ration should be held at that level until milk production begins to taper off and should then follow production down.

"It is false economy to fatten the cow during the dry period and expect her to use body-fat during her milking period" says William Fredd, teacher of vocational agricul-

ture at Solanco High School. Fredd, who is encouraging adoption of the feeding program by the Young Farmers in his classes, says also more ketones, and the possibility of greater incidence of Ketosis, are produced when the cow must convert body fat to butterfat.

"This is a program for high producing cows". Fredd says. He does not believe cows with low production inheritance will respond as well as high producers.

While the program is relatively new to this area, the dairymen who have tried it appear to be convinced that lead feeding can lead the way to greater dairy profits.

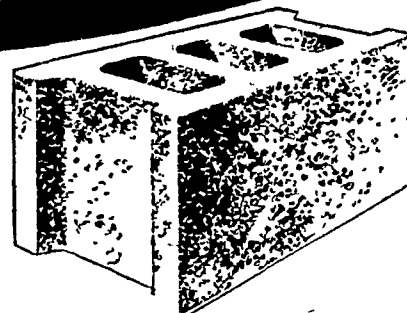
SHAVINGS
HAROLD B. ZOOK

220 LAMPETER ROAD LANCASTER, PA.
PHONE EX 4-5412

- CLEAN DRY PINE
- SEMI-DRY PINE
- MIXED

BAGS OR BULK — DELIVERIES OVER 2 TON AND TRAILER LOAD PRICES

BEAUTIFUL WALLS OF CONCRETE MASONRY



Use Concrete Masonry for Structural Strength

New Holland Concrete Products

NEW HOLLAND, PA.

ELgin 4-2114

ATTENTION FARMERS!

6% ASK US ABOUT NEW HOLLAND'S ADVANCE DELIVERY DIVIDEND! 6%

HIGH CONTENT SUGAR CORN
H. S. 50

FOR SILAGE

Order it while the supply lasts.

REIST Seed Company

MOUNT JOY, PA.

OL 3-3821

LICK MASTITIS!

Switch TODAY TO



WORLD'S LARGEST-SELLING NARROW BORE!

This inflation helps prevent and clear up Mastitis. Also milks cleaner, faster. Available in Narrow-Bore, Medium-Bore or Large! Use the Original, Proven Best—Maes—preferred by over 50,000 dairymen.

STOCKED and SOLD BY

WOLGEMUTH BROS., Inc.

FLORIN

Ph. Mt. Joy OL 3-2411



Today there's a new way to bale—that lets one man bale and load faster than a 2- or 3-man team! The new system consists of a New Holland Hayliner plus a simple, foolproof mechanism that "airlifts" the bales into a trailing wagon.

It cost surprisingly little. In fact, the lowest priced Hayliner—the new Compact Hayliner 65 with Tele-Flow feed—costs no more with Bale-Thrower than many balers without automatic wagon loading! You get the job done in half the time—all by yourself!



Crimp it or crush it... New Holland offers you a choice! Either way, you can save up to 50% in curing time with New Holland conditioners.



No matter what type of mower you prefer—mounted, semi-mounted or trailing—you get more field-proved features when it's a New Holland! For example, check the quality features on the New Holland "47" semi-mounted mower

When You Buy...

- ADD INTEREST TO YOUR PURCHASE!**
- ADD NEW HOLLAND QUALITY TO YOUR MECHANIZATION!**
- ADD ONE QUESTION—ASK US ABOUT...**

A.D.D.

NEW HOLLAND'S NEW ADVANCE DELIVERY DIVIDEND

Buy now—with down payment, trade-in or payment in full—and get a BIG interest dividend. You get paid at 6% per annum to July 1, 1962, on payments or trade-ins made during the special program period.

CALL US... OR COME IN NOW... for full details on New Holland's Advance Delivery Dividend!

SEASON'S GREETINGS

Your Local Lancaster County New Holland Dealers