

Dry cows are given a special flushing" ration just before

freshening to bring up the body

weight and help correct any diet-

ary deficiencies that might have

Parke H, 23, and Harry H Jr,

21, Ranck's two sons, now assist

in the operation of the farm As a

matter of fact, they now do most

of the milking and caring for

the dairy animals while their fa-

ther devotes his attention to feed-

Normally about 40 head of feed-

er cattle.

been brought on by calving

GREEN HANDS AT DONEGAL FFA Chapter at Mt Joy were initiated Monday night at a special meeting of the chapter. They are left to right, Kenneth Eshelman, 14. R2 Mt Joy; David Forney, 14, R1 Co-

lumbia, Clair Mumma, 14, R2 Mt Joy, Kenneth Young, Chapter President, Harold Kain, 16, R1 Marietta, Barry Stoner, 13, R1 Mt Joy, and Ronald Ober, 14, R1 Mt Joy (LF Photo)

# Selective Breeding, Hard Culling Brought Ranck Herd to Fore. (Continued from page 6)

herd due to bovine tuberculosis "Those heifers were real milk producers, but the test was low only 3 3 to about 3 5 per cent," Ranck said

"Lucifer" is given credit for raising the test of the offspring of these animals. The average test of the herd rose to about 413 to 433 consistantly.

And it was a son of Lucifer out of one of the foundation cows of the herd that made a lot of the difference that exists in the heid today

'This bull was out of a cow that had a beautiful udder

"Although we have always bred for production rather than type, I thought that if we could get that udder in the daughters, we would be doing well There was a fault to his dam. She was a small cow, and I was sort of afraid that this might be passed along to the daughters.

"So we didn't breed too much to him

"Then his daughters started to come into milk and we found that we should have bred everything that we had to him Those heifers not only had the size, but they were really milkers They all made over 400 pounds of fat in the first year

There is also a dominant strain on the female side of the herd A Goldmaster daughter that stayed In the nerd until she was 12 years old was the foundation cow She was a big cow and her offspring still show the size that is so desirable in daily animals. One of her daughters from Lucifer made a record of 861 pounds of buttertat on a mature basis

Ranck has been growing and using his own foundation stock since 1949 But a heifer from a cow that has not made the 650 pound mark will never see the inside of the milking stable. She will be sold long before she is ever that age

This hard selection combined with the use of bulls showing high productive capacity seems to work The herd average climbed 47 pounds from last year to the new record average of 612 pounds of butterfat

Second and third cutting alfalfa hay and corn silage are the basis of the feeding program

The home mixed dairy feed consists of 500 pounds of corn, 100 pounds of barley, 300 pounds of oats, 200 pounds of bran, 200 pounds of 36 per cent supplement and 200 pounds of 32 per cent supplement Minerals and salt are also added

In the winter when it is available, a hundred pounds of soybean hay and molasses are added to the ration.

#### SELECT HERD SIRE

In selecting a good meat-type boar, the swine grower looks for length of body, good topline, trım underline, uniform width, well-sprung rib, and wide chest, says Dwight Younkin, Penn State extension livestock specia-

this year due to the lack of feed, only 28 are being fed out They are black Southern steers

They will be kept on hay and silage over the winter and then fed out next year

In addition to his two sons, Ranck has two daughters, Helen Mae, a student at Harrisonberg, Va, and Mrs John Miller, Vine ers are kept on the farm. However land, N J

### State Price Index 9 Points Above August; Hay, Milk Prices Responsible

by Pennsylvania farmers for the products they sold, in mid Sep-'ember was nine points above mid-August and 11 points above a year ago, the State Department of Agriculture said Wednesday tollowing Federal-State surveys

It was the fifth consecutive month that the index showed an dvance over the previous month he survey showed.

September's gain came laigely through sharp increases in piices icceived for hay-and milk

While the state index was 257 per cent of the 1910 14 base of rrices received by farmers, the national index was 245 per cent or three points below a year ago This decline marked the first time in six months that the national index went below the preceding month

The prolonged drought in outheastern Pennsylvania con

The index of prices received tributed to the higher Pennsylvania index of prices received. Farmers during the month ended Sept 15 averaged \$29 60 a ton for haled hay, \$350 more than a month earlier Milk at wholesale was up an average of 40 cents for 100 pounds

Moderate gains in prices received for grain sovbeans, calves, milk cows and eggs offset lower prices obtained for apples hogs, potatoes, beef cattle, sheep, poultry and wool

The meat index was down six points. Wilk cow prices averaged \$10 more per hundredweight for the largest increase in meat animals Lower prices were received for beef cattle hogs and sheep

The last time the Pennsylvania index of piices received was below the preceding month was in May of this year when it was 230 per cent of the 1910 14 base In. April the index was 237 per cent

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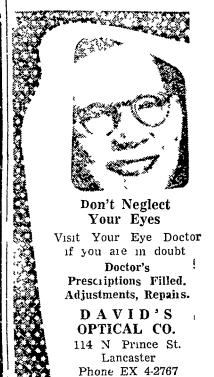
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