

CTR Computerized Total Rations

PENNFIELD CTR PROGRAM
COMPUTED FOR PENNFIELD FARMS 11/13/73

FEEDING PROGRAM FOR A 1300 POUND COW
PRODUCING 50 POUNDS OF MILK AT 3.9 % F.F.

COMPUTER SOLUTION AT A DRY MATTER CONS.

| LEBS CONSUMED/DAY AS IS | D.M. BASIS | % OF DIFEI | FEEDSTUFF |
|-------------------------|------------|------------|------------------|
| 44.2 | 14.7 | 39.03 | CORN SILAGE |
| 10.0 | 9.0 | 23.86 | ALFALFA HAY |
| 15.6 | 14.0 | 37.11 | #533 16% NPN FFL |

FEED COST PER COW PER DAY \$ 1.30
FEED COST PER LB. OF MILK \$ 0.026

NUTRIENT REQUIREMENTS AND COMPOSITION

| NUTRIENT | REQUIRED IN MIN. WT. | ACTUAL WT. |
|----------------|----------------------|------------|
| NITROGEN | | 0.4 |
| CRUDE PROTEIN | 3.75 | 3.75 |
| DIG. PROTEIN | | 5.0 |
| ECH NPN | | 3.0 |
| TUN | 3.50 | 3.50 |
| EST-NFI ENERGY | 6.40 | 6.40 |
| FIBER | 0.19 | 0.19 |
| CALCIUM | 0.13 | 0.13 |
| PHOSPHORUS | 0.10 | 0.10 |
| POTASSIUM | 0.13 | 0.13 |
| MAGNESIUM | 0.09 | 0.09 |
| SODIUM | 0.01 | 0.01 |
| SULFUR | 21.16 | 21.16 |
| IRON | 37.70 | 37.70 |
| VIT. A | | |
| WRIGHT | | |

NUTRIENT RELATIONSHIPS:

CALCIUM/PHOSPHORUS = 1.74
POTASSIUM/CALCIUM + MAGNESIUM =
NITROGEN/SULFUR =

USE THE FEEDING PROGRAM FLOW
FEEDSTUFF POUNDS 44.2
D.M. PERCENTAGE 10.0



(top) Robert Gregory
Marketing Manager
Dairy & Livestock Feeds



(left) Scott Buckwalter
Area Manager



(right) Russell Latshaw
Area Manager



(top left) Frank Campbell
Area Manager



(top center) Steve Leiser
Area Manager



(right) Richard Poole
Area Manager



(left) Robert Mumma
Area Manager



(right) Gene Schlosnagle
Area Manager



(bottom) Ed Snavely
Area Manager

OUR DAIRY SPECIALISTS AND OUR COMPUTER NOW CAN GIVE YOU THE FASTEST, MOST COMPLETE INFORMATION ABOUT YOUR DAIRY FEEDING PROGRAM.

ASK ONE OF THE PENNFIELD DAIRY SPECIALISTS ABOUT THE PENNFIELD CTR PROGRAM. IT'S ONLY ONE PART OF PENNFIELD'S TOTAL SERVICE TO MAXIMIZE YOUR DAIRY PROFITS.

COMPUTERIZED TOTAL RATIONS . . . IT'S WORTH FINDING OUT ABOUT.



pennfield feeds

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• YORK 854-7867 •

RED LION 244-4511