

# Getting More Acres to the Gallon

Something new has been added to crop management planning: how to work more acres with every tankful of fuel.

As the energy crisis

tightens, fuel economy is becoming a priority consideration in growers' planning and programming crop management for this spring. There are, of course,

numerous ways to save fuel. In farming these can range from how you operate your equipment to what you put on the crop as well as the way you apply it.

Tractor operation is a major factor in fuel consumption, and several important guidelines to improving efficiency are readily available from your farm supplier. Some of the most important tips on saving tractor fuel are:

— Operate your tractor at full loads at rated engine speeds (full throttle).

— When not carrying full loads, decrease speed and shift into a higher gear.

— Avoid lugging or overloading the engine. If the engine lugs down in speed when you start shifting up, shift into a lower gear.

— When moving over the road or traveling between fields, open the throttle. Slower speeds do not save fuel and extend operating time.

— Avoid fuel spillage when

loading tanks. Minimize gas evaporation by keeping storage containers tightly sealed. Keep diesel clean by checking tank filters.

— Keep equipment tuned-up and in good operating condition.

— Application: switch to weed and feed combinations where practical. Tractors are easily rigged up to till soil, apply herbicide and insecticide, and liquid fertilizers for an all-in-one operation.

"Weed and feed" not only saves fuel by combining two or three trips over the field, but valuable time and labor at the busiest time of the year.

According to Stauffer Chemical Company, good weed control can save you fuel, too. Get the weeds early in a preplant feed-and-weed operation. Incorporating the herbicide into the soil, along with the fertilizer, offers better assurance of effective weed control, the company says. This, in effect, minimizes the chances of a weed breakthrough and the need for a second cleanup or salvage treatment later on.

## Cleanliness Stressed at Swine Health School

Martin K. Miller of Mount Joy and Clarence Oberholzer of Elizabethtown attended a two day Swine Health School held at the Holiday Inn at Richmond, Va. They were accompanied by their wives. The meeting was conducted by Dr. W. D. Knutson, DVM from Salisbury's Laboratories, Charles City, Iowa who used many slides during his lecture session.

Many precautions, not realized in the past were given to those interested in having profitable success with their marketing animals.

The importance for a program of extreme cleanliness in and around the living quarters of the animals was stressed. Signs of disease were carefully described as well as wise treatment of those troubles which may appear.

Proper nutrition is of paramount importance. This careful, daily concern and care will result in having meat which is lean and less

fatty. This will give the housewife the delicious pork which she enjoys to serve to her family.

### "FARMERS" SPECIAL OFFER

- TYLAN 200 Injectable Buy 6 - Get 1 FREE
- Special Calf Medications
- Cattle Tags & Chains
- Cow Trainers
- Sunbeam Clippers - Blades
- Cattle Dust Bags
- FARM Gates-Hog Feeders

### "HOT SHOT" SHOCK STICKS We Also Service-Repair

HIBBI ZOLF + FRANKSON Cattle & Sheep Wormer

TYLAN-10, SP-250, TM-50

Livestock Conditioners. Ketosis-Milk Fever products

Find the Key to your Animal Health Problems at ZIMMERMAN'S ANIMAL HEALTH SUPPLY

STORE—3 MI. W. EPHRATA OFF 322 LITITZ RD4, PA. PHONE 717-733-4466

- ★ Hoffman's Horse & Cattle Powders
  - ★ Aureomycin Sulmet 700 Crumbles
  - ★ Baymix Wormer Crumbles
  - ★ Shell Horse Wormer
  - ★ Flameless Gas Pig Brooders
  - ★ Custom Canvass Work
- New For Sweetlix — Horse Block**  
**AARON S. GROFF & SON**

Farm & Dairy Store  
R.D. 4 Ephrata, Pa. 17512 (Hunkletown) Phone 717-6711  
Store Hours 7 A.M. to 9 P.M.  
Closed Tues. & Sat. at 5:30 P.M.

# The "Systems Approach" OF Big Dutchman® Lets You PUT IT ALL TOGETHER



Today's profit-minded poultry and livestock producers must think in terms of an automatic system.

Big Dutchman pioneered the system concept for one reason: it is the most profitable and reduces costs for you.

"System thinking" can help you plan your way around problems before you begin building, or it can help you automate away problems in your present buildings.

Hershey Equipment Co. is geared to provide all components of the system, which assures that the pieces fit together in the most profitable package reducing costs dramatically.



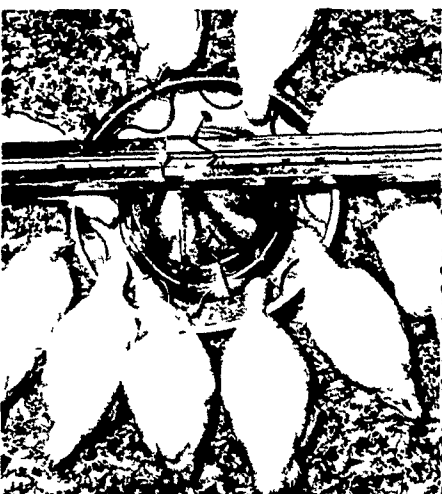
**HOG SYSTEMS:**  
FARROWING  
DRY CONFINEMENT FEEDING  
LIMITED FEEDING  
AUTOMATIC WATERING  
NURSERY FEEDING  
SLATS & HEATING  
GATES & FENCING  
LIQUID FEEDING

**SOME OF OUR SYSTEMS INCLUDE:**  
AUTOMATED CAGE SYSTEMS:  
CHICK START & GROW CAGES  
FLAT DECK  
STAIRSTEP & DOUBLE DECK  
TRI-DECK  
4 DECK  
CHAMPION FEEDING  
AUTOMATIC WATERING  
ENGINEERED EGG COLLECTION

**TURKEY & BROILER SYSTEMS**  
CHAMPION TROUGH FEEDING  
AUGERMATIC PAN FEEDING  
CHAIN-O-MATIC PAN FEEDING  
WATERING SYSTEMS  
TURKEY FEEDERS  
BROODERS  
CHICK STARTING FOUNTS  
FEED METERING SCALES



**OTHER SYSTEMS INCLUDE:**  
BINS & FEED AUGERING.  
VENTILATION  
AUTOMATIC AIR INLET  
MANURE REMOVAL  
MANURE DRYING  
EGG PROCESSING



## HERSHEY EQUIPMENT Co.

The System's Company

215 Diller Avenue New Holland, Pa.  
Ph. (717) 354-5168 or (717) 872-5111

AUTHORIZED

**Big Dutchman.**

DISTRIBUTOR

NEW IMPROVED



### WAYNE CALFNIP® MILK REPLACER

**NEW** All milk protein. New Calfnip is high in milk products. No cereal filler. Better digestibility.

**NEW** High fortification. New Calfnip delivers vitamins A, D, B<sub>12</sub>, K, thiamine, niacin and C, plus a new blend of essential minerals. Also contains methionine, a vital building block of protein.

**PLUS** Many other improvements that you will see in the calves you raise on new Wayne Calfnip.

USE WAYNE ANIMAL HEALTH AIDS TO KEEP YOUR LIVESTOCK AND POULTRY HEALTHY



CHARLES E. SAUDER & SONS  
R.D.1, East Earl

H. M. STAUFFER & SONS, INC.  
Witmer

HERSHEY BROS.  
Reinholds

JE'MAR FARM SUPPLY INC.  
Lawn—Ph 964-3444

BRANDT'S MILL SADDLERY SHOP  
830 Maple St.  
Lebanon, Pa. 17042

ROHRER'S MILL  
R D 1, Ronks

STEVENS FEED MILL, INC.  
Stevens, Pa

HAROLD H. GOOD  
Terre Hill

PARADISE SUPPLY  
Paradise

MOUNTVILLE FEED SERVICE  
R D 2, Columbia

POWL'S FEED SERVICE  
R.D. 2, Peach Bottom

DUTCHMAN FEED MILLS, INC.  
R D 1, Stevens

GRUBB SUPPLY CO.  
Elizabethtown

WHITE OAK MILL  
R D.4, Manheim