

# Workshop slated on farm chemical compatibility

HARRISBURG — The problem of compatibility and separation in fertilizer and pesticide solutions will be addressed here Feb. 15 when representatives of Hopkins Agricultural Chemicals Co. demonstrate how farmers might be able to make more efficient use of such products. The workshop will be held from 9 a.m. to 1:30 p.m. at the Host Inn, just off of Route 283, Harrisburg. The program will include a slide presentation on "What is an Adjuvant?"; Compatibility demonstrations, refreshments, a question and answer period, and lunch.

In holding the workshop, the people from Hopkins will attempt to show how their product, Unite, can be used to effectively keep fertilizer and pesticide mixes from separating. The Hopkins firm claims that Unite will work with both wettable powders and emulsifiable concentrates, giving good stability with minimum agitation. The product is reported to be economical to use, with one to three pints being sufficient for 100 gallons of a tank mix. Its use can help maximize the effectiveness of pesticides by helping assure uniform, accurate applications over

the field, Hopkins literature claims. The company claims further that their product can save down-time caused by plug-ups and tank clean-outs.

Compatibility problems are caused by a number of factors, Hopkins explains. The difference in the chemistry of herbicides, insecticides, fungicides, and various fertilizer solutions cause most of the problems of compatibility, the

manufacturer says. This includes the chemistry of carrier and emulsifying ingredients, Hopkins adds.

Other causes of compatibility problems include: 1. Fertilizers of the same analysis may vary from batch to batch; 2. The sequence of adding two or more pesticides, especially a combination of emulsifiable concentrates and wettable powders; 3. Fertilizers high in phosphorus; 4. The

temperature of the base tank mix; 5. Variations of pH and specific gravity of different fertilizers; 6. Over agitation of the tank mix, especially the last half of the tank volume.

To find out more about the problem of compatibility

and what may be done about it, the makers of Unite urge you attend their Feb. 15 workshop in Harrisburg. Additional information may be obtained by contacting Don Dodson, sales representative, 1638 Glenn Road, Lancaster, phone 717-394-4547.

## Pork Council challenges proposed school lunch program

DES MOINES, Iowa - Proposed USDA Food and Nutrition Service changes in the school lunch program in the U.S. has brought comment from Ann Norman, NPPC's director of consumer relations.

"Pork producers, as well as others within the meat industry, should be aware of what the proposed substitute program means, and should make themselves heard," Ms. Norman said. "The proposed changes, if adopted, would allow for a full-scale substitution of meat alternates—dried peas and beans, peanut butter and eggs—in the present school lunch programs. Currently, requirements allow this food group to make up no more than half of the meat/meat alternate requirements in the lunch menus."

"We're asking that our NPPC members contact members of their Congressional delegations to express their concern on the change and that they also submit written comments to the USDA by the February 15 deadline for public comment. These comments are to be sent to: Margaret Glavin, Food and Nutrition Service, USDA, Washington, D.C. 20250.

"An interim test period on the changes ends February 2. As of that date, schools can either continue with the interim test menus which could eliminate the use of any pork, beef, lamb, poultry or fish in the menus or the schools can return to menus planned under the previously used requirements."

## MINERAL SUPPLEMENTS

who needs them?  
You do!

Quality roughage alone can provide much of the protein and energy needed for milk production. But since roughages may lack both balance and quantity of minerals necessary for maximum milk production, bone and muscle development, and the most efficient utilization of other nutrients—many dairymen need a mineral supplement program.

How can you tell if you need a mineral supplement program?

Let us make a free analysis of your forage crops. We'll give you a report on the nutrient value of your hay, silage, or other roughages, along with recommendations for any supplements—if necessary. We won't try to sell you anything you don't need!

Our three mineral mixes—Beacon PhosMin, Beacon Mineral Ade and Beacon Cal-Min—are formulated by highly respected dairy nutrition specialists. The supplement they recommend will contain the necessary minerals to make up deficiencies or imbalance in your roughages and to achieve the proper calcium-phosphorus ratio in your total feeding program.

You can rest assured that you aren't paying extra for exotic ingredients, high transportation cost, and expensive promotion and sales cost.

With BEACON, you get more mineral units per dollar invested.

Mineral supplements, formulated especially for the cow at reasonable cost, are part of what we call "No nonsense feeding."

CALL YOUR BEACON DEALER TODAY

**W.L. MUMMERT CO.**  
Hanover, PA  
717-637-6923

**R & W FEEDS & HARDWARE**  
Centerport, PA 19516  
215-926-3818

**CLARK SUPPLY CO.**  
Rising Sun, MD  
301-658-6464

**RHOADS MILL INC.**  
Selinsgrove, PA  
717-374-8141  
Milton, PA  
717-742-4841

**MOGEL BROS. FEED**  
Hamburg, PA  
215-562-5398

**H. JACOB HOOPER**  
Intercourse, PA  
717-768-3431

**NEW FREEDOM FARM & HOME SUPPLY, INC.**  
New Freedom, PA  
717-235-3606

**MARTIN'S ELEVATOR, INC.**  
Hagerstown, MD  
301-733-2553

**McCRACKEN'S FEED MILL, INC.**  
Manheim, PA  
717-665-2186

**RICHARD B. KENDIG**  
Special Accounts Representative  
Phone 302-478-3058

**ISAAC K. LEFEVER**  
Beacon Advisor  
Phone 215-267-7042

**BEACON FEEDS**

York, PA  
Ph: 717-843-9033

**CHESTER WIEST**  
Sales & Distribution Manager  
Phone 717-741-2600

**R.E. RUDISILL**  
Sales & Distribution Manager  
Phone 717-854-2281

**SCOTT HODGSON**  
Beacon Advisor  
Phone 717-292-1252

We're employee owned.  
That's why we shine.

**ELECTRIC GENERATING SYSTEMS**  
Built to Your Specifications  
Manual or Automatic  
L.P. Gas - Diesel - Gasoline



We Also Carry G.M. & Detroit Engine Parts.  
Sales - Service

**MARTIN ELECTRIC PLANTS**  
Isaac W. Martin, Owner  
Pleasant Valley Rd., RD2  
Ephrata, PA (717) 733-7968

**VERNON MYERS, INC.**

**STEEL BUILDINGS & GRAIN STORAGE**  
R.D. 4 - Box 845  
Lebanon, Pa. 17042  
Phone: (717) 867-4139



**save** \$\$\$\$\$\$

**a wise investment in your future**



The 1st new bin in 20 years

mfs "Stor-age", America's finest and most wanted grain bin. A "total concept" system of high speed drying, conditioning, storage and handling of grain the ultimate in preserving grain condition and quality for full market and feeding value.

... becomes an even better investment when you can also save money in the process. And, the savings are big when you take advantage of the mfs "Stor-age" Early Order Discounts, now in effect. Order now—take delivery later—be prepared for all your future storage and drying needs. See your nearest mfs dealer for complete information and free systems planning services.

**WE ALSO SPECIALIZE IN BUCKET ELEVATORS, DRYERS, AUGERS**

**FACTORY AUTHORIZED DISCOUNTS NOW IN EFFECT**

INVEST IN GRAIN STORAGE NOW WHILE PRICES ARE AT THEIR LOWEST AND DISCOUNTS AT THEIR HIGHEST.

**LARGEST DISCOUNTS EVER OFFERED!!!**

1. Early Order Discount
2. Volume Discount
3. CASH Discount

**SAVE \$\$\$\$\$\$\$**

COMMERCIAL and AGRICULTURAL BUILDINGS  
WE OFFER COMPLETE ERECTION ON ANY SIZE OR STYLE BUILDING

**Mail Coupon Today!**

SEND STEEL BUILDINGS LITERATURE  
 SEND GRAIN STORAGE LITERATURE

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
TELEPHONE \_\_\_\_\_

