

# Adams County Farmers' Corner

## County Agent's Corner

### DAIRY NEWS:

The DHIA report for July shows the ten high herds as follows: Pounds of butterfat per cow per day:

Martin Habegger and Son	1.7 lbs.
Ben & Noah Mazeline	1.6 lbs.
Arnold Scheumann	1.7 lbs.
L. R. Schwartz & Son	1.6 lbs.
Roland Liechty	1.6 lbs.
C. C. Abbott	1.5 lbs.
Norman Becher	1.5 lbs.
Kenneth Beer & Sons	1.5 lbs.
Eli Schwartz & Sons	1.5 lbs.

Backhaus Brothers ..... 1.5 lbs.  
The ten high cows were:  
Pounds butter fat per month:  
Kenneth Beer & Sons ..... 113 lbs.  
Ben & Arnold Gerke ..... 105 lbs.  
Kenneth Beer & Sons ..... 97 lbs.  
Wulliman & Yager ..... 94 lbs.  
Arnold Scheumann ..... 93 lbs.  
Lehman & Yager ..... 93 lbs.  
Harry Wulliman & Sons ..... 92 lbs.  
Martin Habegger & Son ..... 90 lbs.  
Ben & Arnold Gerke ..... 90 lbs.  
Wulliman & Yager ..... 89 lbs.  
Kenneth Beer & Sons ..... 89 lbs.

The annual DHIA meeting will be held Monday, September 16, at 7 p. m. at the Parkway Restaurant in Berne. J. Ward Calland and Sam Gregory, extension dairyman, will be the speakers. Tickets are available from Martin Habegger, president; Norman Becher, secretary-treasurer; Everett Rice, supervisor; and the county extension office.

### BEEF MEETING:

4-H beef club members and parents will attend a meeting with the beef committee Thursday, Sept. 12, 8 p. m. at the county extension office. Purpose of the meeting is to plan for 1964 based on past work in the project.

### SUGAR BEETS:

A meeting to discuss cultural practices on sugar beets is scheduled for Wednesday evening, Sept. 18, in Woodburn. The extension service in Adams, Allen and DeKalb counties has planned the meeting to provide information on raising beets. Dr. Marvin Phillips of Purdue agronomy will lead the discussion.

### SOYBEANS WITH ROOT ROT RESISTANCE:

You may have noticed certain soybeans that were not affected by root rot this summer. The new Harosoy, Hawkeye, Lindarin and Clark have phytophthora root resistance. Several Indiana certified growers have the new varieties. They are Delmas Bollenbacher, Elmer Isch, Hugo Bulmann, and Winfred Gerke. Winfred Gerke has in addition a test plot with several additional varieties of soybeans. It would sure be of interest to stop and see these soy varieties.

A meeting has been planned for September 24 for agronomist Marvin Swearingen to be here and discuss these varieties.

### LIMIT FED HOG TRIALS:

Pigs limited to five pounds of feed daily during their finishing period gained more slowly than full-fed animals in experimental studies at Purdue University. Back fat thickness and carcass yield were reduced slightly, but feed efficiency was not materially affected.

This was reported at Indiana swine day, annual event sponsored by Purdue's animal sciences department.

Dr. R. A. Pickett, who conducted the study, reported that: "Reducing feed intake to five pounds per pig per day at pig weights of 125 to 150 pounds resulted in slightly lower rate of gain, feed required per pound of gain, backfat thickness and dressing percent. Feed costs were similar for full-fed and limited pigs, but limited pigs required a longer feeding period."

Visitors saw for the first time four types of swine growing-finishing housing at Purdue's experimental livestock farm. These are a conventional, open front house with concrete floor; insulated, ventilated house with full concrete floor; enclosed house with wood slotted floor for manure disposal and enclosed house with eight 4 x 14 foot pens and slotted dunging area.

Reporting on studies with these houses, Dr. Robert Jones, Purdue animal scientist, said pigs fed in the conventional type house gained significantly faster than those raised in the other three types. They also produced fatter carcasses with a lower percentage of ham and loin. Feed efficiency was similar in all the housing units.

Dr. John E. Kadlec, Purdue agricultural economist, who with Jones was project leader of the

study, reported that on the basis of limited observation "the enclosed house with narrow pens and slotted dunging alley has the lowest production cost per hog finishing."

Dr. E. O. Haelterman, Purdue research veterinarian, noted that swine finished in these houses developed leg abnormalities. Reduced floor space per pig and type of floor may be contributing factors to these swellings, he said.

Visitors heard from Dr. James Foster, Purdue animal scientist, that pigs fed sheller corn and supplement free choice consumed less total feed and required significantly less feed per pound of gain than those fed a complete mixed ration.

Max Taylor, a graduate student, reporting on effects of corn drying, said that pigs fed a ration using corn dried at 290 degrees F gained more slowly than pigs fed corn, corn dried at 140 degrees F or corn dried at 190 degrees F.

A second year study of individual feeding of sows showed that stall feeding did not significantly offset reproductive performance of sows or gilts, compared to group feeding. J. M. Hoagland, a graduate student, made this report.

Lee Schuster, Gower, Missouri, commercial hog raiser, told the visitors that "tomorrow's successful swine producer will not necessarily be the man who has spent the most money."

"It is far better to be thought a conservative 'stick in the mud' and show a profit than to have the fanciest, most elaborate 'instant pork factory' and be going broke," he asserted.

### CEREAL GRAIN GERMINATION ITEMS:

Newly harvested cereal seed, especially wheat, are likely to be dormant. This means that farmers can not dependably germinate their

own seed under most conditions, because this germination will be much lower than the seed's potential.

A. S. Carter, director of seed control and state chemist services at Purdue University, points out that to break this dormancy, the state seed testing laboratory must give the seed special treatment now to measure the seed's potential germination.

The standard method of breaking the dormancy of freshly harvested wheat is to put the seeds in contact with moist substrate and then prechill them at about 5 degrees C for five days prior to starting the regular seven-day germination test.

Carter explains that this method has proved highly effective. Seed wheat that might otherwise show only 50 to 60 per cent germination during the seven-day period without prechilling can be brought in the 90s by the chilling process.

For this reason, Carter recommends that farmers send any questionable lots of seed wheat to the state seed laboratory immediately for testing. All seed wheat to be offered for sale to farmers must be tested before it is put on the market, he emphasizes.

### CLEAN SMALL SEED PROMPTLY:

Farmers who harvest small seed, such as clover and timothy, are courting trouble if they delay cleaning it promptly.

A. S. Carter, director of seed control and state chemist services at Purdue University, explains that both germination and appearance of the seed are ruined by permitting it to stand uncleared.

Many of these seeds are harvested from standing plants and often substantial portions of green material—leaves, stems and the like—get mixed in the seed. This mix-

ture of seed and green material can heat with a few hours with resulting damage to the seed.

To prevent this from happening, Carter suggests cleaning the seed as soon as possible after harvest. If this is not possible, spread it on a floor in thin layers and stir it frequently.

## Purple Ponnings

The lesson leaders for the family food needs lesson may obtain other material for their lessons in the county extension office. This material was ordered but did not arrive the day of the lesson.

September 12 at 7:30 p. m. there will be a 4-H woman leader's meeting at the I & M building in Decatur. The purpose of the meeting is to evaluate the fair and start plans for 1964.

**BOOKLETS:** We have some booklets in the office which may be of interest to mothers of pre-school age children. They are "Healthy Mental Attitudes for Happier Children," "Recipes for Homemade Finger Paint, Clay and Paste" and "How Grandparents Can Enrich Children's Lives." To obtain your copy feel free to call 3-3000, the county extension office.

**THANK YOU!** The following 4-H junior leaders should receive a basket of thank you for all their work and help in recording 4-H achievements. They are: Karen Schieferstein, Carol Tonner, Harriet Berchot, Cathy Cauble; Sara Ploughe, Carol Connelly, Louann Tonner, Linda Tonner, Karen Bieberich, Christine Reifsteck, Dianne Fuhrman, Kay Bultemeier, Joan Scheumann, Barbara Rydell, Judy Rydell, Barbara Carver, Melissa Kipfer, Linda Roe, Brenda Roe, Pauline Ripley, Christine Fuelling and Cindy Fuelling.

**INVEST IN EDUCATION:** Investing in education is a way of having more money in your adult years. The more education a person has, the more money he can make in his lifetime, says Anna K. Williams, Purdue University home management specialist.

She encourages youngsters to complete high school at least, and obtain higher education if possible. Dropping out of school limits job prospects. Employment opportunities increase in occupations requiring more skill and training. The number of professional, technical and scientific jobs grow more than twice as fast as other jobs.

A good formal education is no guarantee of economic success, but it helps. Investing in education is a good deal better than other savings plans for the financial security of a future family, says the specialist.

The effect of education on income is striking. The U. S. department of commerce reports that among men 25 to 64 years of age, those who didn't finish high school earned in 1961 an average of \$5,305; high school graduates averaged \$6,102; men with one to three years of college \$7,392; and those with four or more years, \$9,530 — or nearly twice as much as the high school drop-out.

**QUICKIES:** Try keys for the coffee can for a tight grip on corn-on-the-cob, suggest Purdue University home management specialists. Need room for vacation collections of rocks and shells? Try empty egg cartons for compartmentalized storage, suggest Purdue University home management specialists. Struggling with grass stains on children's play clothes? Home management specialists at Purdue University say rubbing the spot with full strength liquid detergent before washing should remove grass and foliage stains. You may have to treat the stain several times.

**IMPORTANCE OF BREAKFAST:** Breakfast, an all-important meal, needs the same ingenuity that is applied to dinners, lunches and snacks. Nutritionists recommend that 1/4 to 1/2 of the day's food requirements be contained in the breakfast meal. By following a basic pattern of fruit or fruit juice, protein food, cereal or bread, butter and milk, the necessary nutrients and calories are supplied. The

minimum daily requirement becomes difficult to meet without a sound basic breakfast.

**BREAKFAST VERSUS SLEEP:** Early rising hours and kitchen drudgery no longer need to be associated with an adequate breakfast. Instant or quick-cooking cereals, ready-to-eat products, and pop-into-the-oven or toaster products make preparation time enjoyable. The minutes spent in preparation of a nutritious breakfast are more valuable than the few minutes of "extra" sleep.

To "spark" your breakfast menus, try this new trick: **Bunny Hug** 2 corn bread squares, 4 slices cooked ham, 4 eggs, butter, salt, pepper. Cut two 4-inch squares of leftover corn bread; split each square. Place squares on cookie sheet or in individual shallow oven dishes. Make a small hollow in center of each. Break an egg in hollow. Place a half slice of ham on 2 opposite sides of each egg. Dot eggs with butter; sprinkle with salt and pepper. Place in broiler about 4 inches from heat. Broil 4 to 6 minutes or until eggs are cooked. Serve immediately. Makes 4 servings.

**TV:** Ruth Morris will appear on the Wayne Rothgeb show on September 11 showing good buys of the week. On September 13 she will appear on the Ann Colone show using fruits in plentiful supply for dessert.

**SPINACH:** Here is a "borrowed" recipe from Kay Kellogg of Kellogg's. **Gourmet Baked Spinach** 2 10-ounce packages frozen chopped spinach; 2 tablespoons minced onions; 3 tablespoons butter or margarine; 3 tablespoons flour; 2 cups milk; 3 hard cooked eggs finely chopped; 2 teaspoons salt; 1/4 teaspoon pepper; 1/4 teaspoon nutmeg; 2 cups Kellogg's Corn Flakes or 1/2 cup Kellogg's Corn Flake Crumbs; 1/2 cup grated Cheddar cheese; 2 tablespoons butter or margarine, melted; Paprika.

Cook spinach according to directions on carton; drain thoroughly. Cook onions in butter until transparent. Stir in flour. Add milk gradually, stirring constantly. Cook until thickened, stirring occasionally. Fold in spinach and eggs; season with salt, pepper and nutmeg. Spread in greased shallow baking dish. If using corn flakes, crush into fine crumbs. Combine corn flake crumbs with cheese and butter; sprinkle over spinach. Sprinkle with paprika. Bake in moderate oven (375) about 20 minutes, or until lightly browned.

Note: Fresh spinach may be substituted for frozen spinach, if desired.

**Two Children Are Killed In Traffic**

By United Press International Two youngsters struck by cars and the deaths of a Peru man and an Illinois woman from earlier auto accidents Monday raised Indiana's 1963 highway toll to at least 874 compared with 790 last year.

Todd Mansfield, 8, LaPorte, was killed when he ran from a school bus near his home and was struck by a car. Charges were pending against the driver, Mrs. Kathleen Faye Johnson, 44, LaPorte, for failure to stop for a school bus, authorities said.

Steven Ferguson, 9, Lebanon, was struck by a car and killed as he stood beside his bicycle on a Boone County road near his home watching a farmer burn weeds in a roadside ditch.

The driver, Roger Williams, 28, Jamestown, told police the smoke from the burning weeds obscured his vision.

E. W. Cole, 57, Peru, died Monday night in Wabash County Hospital of injuries suffered Friday in a two-car collision on U.S. 24 one mile east of Wabash. Mrs. Loretta Reed, 47, Kokomo, a passenger in the second car, was killed outright in the wreck.

Mrs. Lonnie Marshall, 23, Aurora, Ill., died in a Louisville, Ky., hospital from injuries suffered in a Ripley County car-truck crash Saturday, which also took the life of her 3-month-old son.

## The Eleventh Western Ohio Sale

Van Wert County Fairgrounds, Van Wert, Ohio. SATURDAY, SEPT. 14—12:30 P. M. (EST)

Sponsored by the Local Associations of District V

43 HEAD—3 Bulls—40 Females

This is one of the greatest arrays of Guernseys ever seen at this annual sale. High quality cows and bred heifers packed with potential is the byword! The young herd sire prospects are as potent as you'll find. To mention one or two of the animals would do others injustice.

**COME AND SEE FOR YOURSELF** Romayne Sherman, Auctioneer Catalogs available at sale. Lunch will be available.

**The Ohio Guernsey Breeders' Association** Box 289 — Worthington, Ohio



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