

## Redcoat Wheat Yields Higher Than All Others

Redcoat wheat has outyielded all other wheat varieties in Pennsylvania, a seven county survey shows. Despite the drought, Redcoat averaged 40.2 bushels per acre — two more bushels per acre than Dual, its nearest competitor. Dual averaged 38.1 bushels, Seneca 35.4, and Pennoll 34.9 bushels.

In six of eight years of testing, Redcoat has had the highest yields of the four recommended varieties, according to Robert P. Pfeifer, small grains breeder for the Agricultural Experiment Station at the Pennsylvania State University. Redcoat's eight year average is 42.2 bushels per acre, Dual 41.1, Seneca 37.5, and Pennoll 37 bushels.

Redcoat's outstanding yield is due largely to straw strength and disease resistance, Dr. Pfeifer claims. Redcoat is the first Pennsylvania wheat with combined resistance to Hessian fly, mildew, leaf and stem rust — and some resistance to loose smut. Leaf rust and mildew damaged severely many wheat fields this year, Pfeifer found, but did not hurt Redcoat.

"No other Pennsylvania wheat has the ability to produce 45 to 60 bushels per acre

from 50 pounds of spring topdressing," Dr. Pfeifer points out.

"Because of excellent straw strength, 50 pounds of available nitrogen topdressing per acre may be used without causing straw breakage. Normally other varieties are limited to 30 pounds of available nitrogen per acre," he adds.

### Early Planting Helpful

Early planting helps Redcoat yields, the survey shows. Both Redcoat and Dual may be planted early in September and may be fall pastured. Hessian fly, which damages other varieties, does not injure Redcoat or Dual. Being winter hardy, they may be planted in late September or early October where the soil is not prepared for early seeding.

In preliminary experiments at University Park, Redcoat showed poor winter survival on areas having acid soils with pH of 4.5 to 5.2. Redcoat survived severe winter temperatures in comparison tests where the soil was well limed above pH 6.2.

### Mushrooms

Mushrooms, toadstools, or puffballs in your lawn are fruits of various fungi and may be difficult to eradicate until all wood or organic matter on which they are feeding is decomposed, says Herb Cole, Penn State extension plant pathologist.

## Redcoat Wheat Grows Tall



FOUNDATION SEED OF REDCOAT Wheat, from fields such as this, produces certified seed available to farmers. Inspecting the crop are Elmer C. Pifer, left, Extension specialist, and Robert P. Pfeifer, right, small grains breeder, both from the Pennsylvania State University. The certified seed is available from commercial seed producers.

## • Milk

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being conducted by the U.S. Dept. of Agriculture, said he was urging the action so that milk producers can share in all milk marketing areas.

The hearing which opened last week is to consider amendments to federal orders regulating the handling of milk in the New York - New Jersey area.

Williams suggested the government rewrite all milk marketing agreements to guarantee the "free flow of milk" in line with the U. S. Supreme Court decision outlawing compensatory payments to out-of-district suppliers as being in restraint of trade and excessive.

Williams said Wisconsin milk producers were not seeking to invade Eastern markets with low-priced fluid milk, adding that "it would not be profitable to do so."

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## Another Farm Bureau Service!

# PATRON DAIRY CLINIC'S

Tuesday, September 18, 1962

Monday, September 24, 1962

Farm Bureau Auditorium  
 Dillerville Road  
 Lancaster, Penna.

Quarryville Fire Hall  
 East State Street  
 Quarryville, Penna.

7:00 p.m. HERD MANAGEMENT FROM THE MILKING MACHINE STANDPOINT  
 Mr. Stephen Spencer, Dairy Specialist, Pennsylvania State University

7:30 p.m. COWculator PROGRAM  
 Mr. A. F. Kish, Manager, Feed and Poultry Services, Pennsylvania Farm Bureau

8:00 p.m. MILK QUALITY TESTS  
 Dr. Samuel B. Guss, V.M.D.  
 Pennsylvania State University

8:30 p.m. DAIRY FEEDING by Farm Bureau  
 John E. Wolgemuth, Assistant General Manager & Sales Manager, Lancaster Farm Bureau

9:00 p.m. ADJOURN, Refreshments and Informal Discussion

ALL DAIRYMEN are welcome and urged to attend one of the clinics. Here is an opportunity to benefit from the experience and special training of Pennsylvania State University Specialists as well as Farm Bureau personnel. **MARK YOUR CALENDAR NOW** — reserve the date of your choice for an interesting and educational evening.

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