

● Soil Testing

(Continued from Page 13) will be possible for us to provide accurate, and expanded, lime and fertilizer recommendations in micro-seconds."

Laboratory analysis of soil samples will include pH, lime requirement, phosphorus, potassium, calcium, and magnesium. Recommendations will be made for vegetables, field crops, orchards, ornamentals, and turf, the agronomist said. Presently, the laboratory processes about 70,000 soil samples annually.

"Soil types will play a major role in the development of recommendations under the new system. Physical characteristics of soil, particularly depth and drainage, greatly determine the yield potential. Since soil type names reflect these characteristics, Commonwealth soils will be divided into five groups. A yield potential for each crop within each soil group has been established. For some crops, such as small grains, the yield a farmer can expect to receive remains the same over a wide range of soil types. For

others, such as corn, the soil type has a greater effect," Hinrich said.

RESEARCH PHASE

The new soil testing program will also include a research phase, the specialist emphasized. Computers will make it possible to automatically store analytical data. Periodically, studies will be made using this information. These will include the nutrient status of counties and townships and their soil types, and the relationship of potassium and magnesium. This data will be very useful in increasing crop production in localized areas.

"Certainly there will be many other computer uses as we learn the benefits of this machine," he said. "It will assist us in organizing data and coordinating the tools which give us control over our environment."

Pennsylvania farmers were first brought into the "computer age" in 1957 when Dairy Herd Improvement Association records were first processed by machine. More recently, two new successful programs for farmers, linear programming and farm record analysis, have been made pos-

sible by the computer, Hinrich pointed out.

The Penn State soil testing laboratory has analyzed over a half-million soil samples since the program was initiated in 1952.

● Garden Spot YFA

(Continued from Page 13)

Stoltzfus; 2, Kenneth Skiles.

Attendance — 1, Robert Martin; 2, Charles Martin

Corn Growing Contest — 1, Charles Martin; 2, John Landis; 3, Clyde Martin; 4, Abram Zeiset; 5, Clarence Weaver.

Trophies and plaques were awarded to the top contestants. Seed corn was also awarded to the top four corn contest winners.

APPRECIATION CERTIFICATES

This year's certificates of appreciation to community members who have displayed outstanding interest in the YFA program went to Raymond Baxter, Blue Ball National Bank; Neal Hochstetler, Hochstetler's Small Engine Repair Shop; and G Arthur Weaver, Real Estate and Insurance agent.

The banquet was concluded with a movie on India shown and narrated by Paul Osborn.

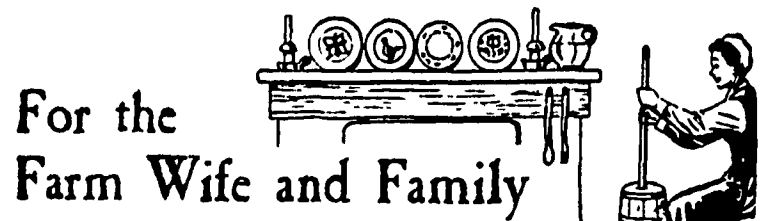
● For The Farm Wife

(Continued from Page 14)

bring constantly, bring quickly to a full boil with bubbles over the entire surface. Boil hard for 1 minute, stirring constantly.

Remove from heat, add the pectin, and alternately skim and stir the jam for 5 minutes. Ladle into hot containers and seal immediately. Makes about 9 six-ounce glasses of jam.

Lancaster Farming, Saturday, February 25, 1967—15



For the Farm Wife and Family

Ladies, Have You Heard? ..

By Doris Thomas, Extension Home Economist

Save Money On Milk

Serve all the milk you need and still budget food money.

Milk bought at stores costs one to three cents less in some areas than milk delivered to the home.

Buying milk in certain quantities regularly rates a discount from some dairies.

Check to see if it costs less to buy the same quantity of milk but in larger containers.

Skim milk, buttermilk, and evaporated milk cost less than whole fresh milk.

Mixing equal parts of whole fresh milk and reconstituted milk saves money.



THOMAS

Easy Steps To Furniture Arranging

Keep comfort in mind when arranging furniture.

Make a floor plan using graph paper. Show placement of doors, windows, heating units, and electrical outlets.

Place big pieces out of major traffic pattern.

Establish a center of interest—window, fireplace, picture.

Cut graph paper to scale to represent furniture. Move scale furniture where you want it, distributing heavy pieces throughout the room.

Plan for color balance in all parts of the room.

Use Of Cheese Varies Menu

Serve cheese for variety in meals and snacks.

Casseroles, sandwiches, salads, soups and desserts take on added food value when served with cheese.

Cheese sauce gives a gourmet touch to combination dishes and vegetables.

Cheese served with fruit

makes a light, nutritious dessert. Served whipped cottage cheese instead of whipped cream for a dessert topping.

Mild, tart, hard, or soft cheese is a nutritious staple to have on hand for salad dressings and cheese spreads.

Processed Potatoes

Save Time And Money

Cost of preparation time, taste, and nutritive value of many processed and fresh potato dishes were compared by food scientists with the Agricultural Research Service, U. S. Department of Agriculture.

Dehydrated forms, when prepared have higher carbohydrate and mineral value than fresh potatoes prepared the same way.

French fries vary in fat content with preparation methods. Fresh french fries have less fat than any frozen french fries. But french fries heated in the oven have less fat than frozen french fries that have been fried to heat them.

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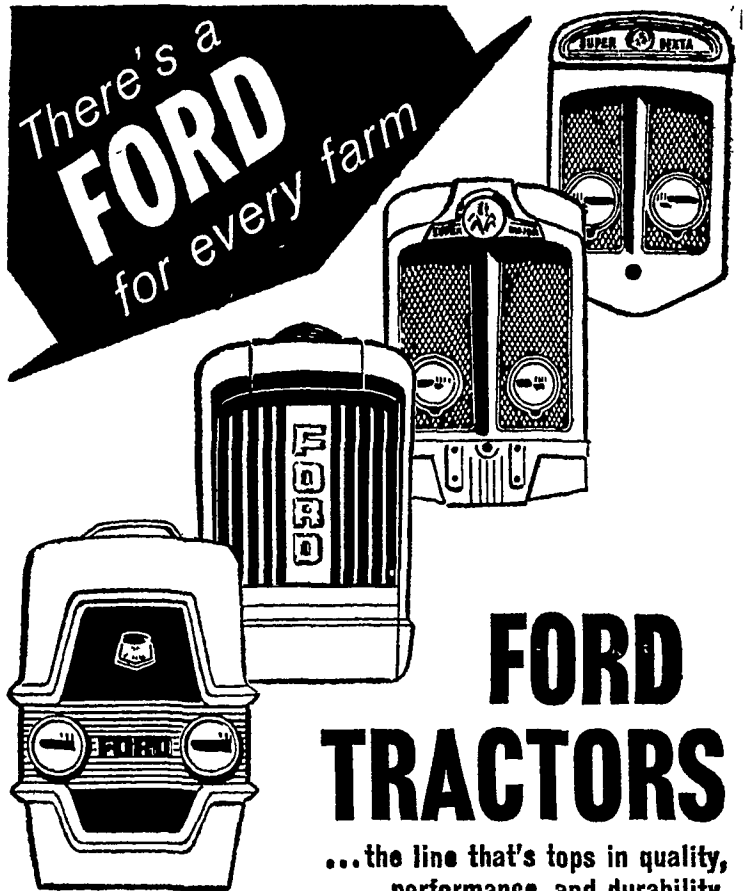


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