

Lancaster Farming

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\$2 Per Year



LOOKING OVER GRASS GROWN IN an incubator at Wyeth Laboratories is the architect engineer, Ivan Z. Martin, who developed the machine. Grass in the upper tray is the result of five day's growth. After seven days in the incubator, oats will have nearly eight inches growth, according to manufacturers of the machine. Lights in the side of the machine are turned on for 12 hours per day during the last three days of growth. During grain on the other four trays receives no light. —L F Photo

Machine Said To Produce Grass Indoors In Winter

Green grass for livestock all year round? Impossible, you say? Not so, say the manufacturers of a grass incubator recently installed in the county.

The incubator, recently put into operation at the Wyeth Laboratories at Marietta, is reported to turn 84 pounds of grain into 500 lbs of green grass in a matter of seven days. And what is more important, say the makers, is that the machine will do the job winter and summer making it possible to keep livestock production uniform throughout the year.

The Marietta installation is designed to produce green forage for several thousand rabbits and guinea-pigs and several hundred monkeys used for test purposes. A spokesman for the laboratory said this week they expect to produce forage in the winter to replace the kale and beets which they now use but consider an uncertain source of green material needed to keep the test animals in top health. But if costs are in line with those predicted by the manufacturers of the machine, the entire forage program will be switched from outdoors to indoors.

Hydroponic Industries, Inc. manufacturers of the Martin Forager claim grass can be produced for about \$10.00 a ton, including all seed and operating costs. "This is no more than the cost of silage, and the grass is far better for our animals," said a representative of the drug firm.

The size incubator installed at the laboratory would supply forage for 24 dairy cows, the makers state. The

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Early Blight In Tomato Fields, Sprays Needed

Some tomatoes early blight (alternaria blight) has been reported in county fields, Arnold Lueck, assistant County Agent, said this week.

The outbreak is not serious, however, Lueck said. Weather conditions have been favorable for the spread of this and other diseases, and it is important that a fungicide be added to spray programs at this time.

Aphids, leafhoppers and flea beetles are working in county tomato fields at present, Lueck reports. If aphids are the particular problem, the spray program would call for the use of malathion or parathion while DDT is effective on leafhoppers and flea beetles but not aphids. Thiodan is a good general insecticide for tomatoes, the agent said.

Lueck further recommended the combination of two in

secticides in the spray program with the addition of one fungicide and repeat applications at seven to ten day intervals.

Insecticides and amounts per acre recommended by plant disease personnel at the Pennsylvania State University include the following:

- Malathion, 25% wettable powder, three pounds;
- Malathion 59% emulsion, one pint;
- Parathion, 15% wettable powder, two pounds,
- Parathion, 25% emulsion, 1 1/2 pints,
- Thiodan, 50% wettable powder, one pound;
- Thiodan, 2 pounds per gal. emulsion, one quart;
- DDT, 50% wettable powder, three pounds

Recommendations call for the addition of any one of the following fungicides:

- Maneb, 80% wettable powder, three pounds,
- Dyrene, 50% wettable powder, eight pounds
- Fixed Copper, 50% wettable powder, 8 pounds

In using any insecticide, label directions should be followed carefully, but Lueck cautions spray operators to be particularly careful in following label instructions with malathion and parathion.

FIVE-DAY WEATHER FORECAST

Saturday - Wednesday
Temperatures during the five day period will average 2 to 6 degrees below the normal range of 86 in the afternoon to 66 at night. Cooler temperatures are expected Saturday night with little day to day changes thereafter. Precipitation may total 0.6 inch falling mainly as showers Saturday with a chance of local showers about Wednesday.

Pennsylvania Poultry Federation Names Bicksler Top Poultryman

University Park, Pa.—Homer J. Bicksler, manager of Pennsylvania Farm Bureau Hatchery at Harrisburg, former president of the Pennsylvania Poultry Federation, was named "Poultryman of the Year" at the Federation's Annual Conference banquet at University Park June 24.

Leslie S. Hubbard of Lancaster, another past president of the Federation and former president of the award, presented Bicksler with a framed scroll in recognition of many years of devoted service to the Pennsylvania Poultry Industry, and particularly to the Pennsylvania Poultry Federation.

Another industry leader honored was Harry H. Kauffman, who retired at the end of June as head of the Pennsylvania State University's poultry extension division. Thomas E. Moncrief of Evans City, Poultry Magazine, and toastmaster for the evening, presented Kauffman with a framed scroll making him an honorary life member

of the Federation. Kauffman also received a piece of luggage as a token of the Federation's appreciation.



HARRY H. KAUFFMAN

Guests appearing on the program included Dr. W. L. Henning, Pennsylvania Secretary of Agriculture, who introduced Bicksler.

Farm Prices Show Decline For 6th Month

Harrisburg — Pennsylvania farm product prices dropped for the sixth consecutive month during June, the Crop Reporting Service said Wednesday.

In mid-June the average price received for all agricultural commodities was one per cent below a month earlier.

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Tractor Upsets On County Man

A sixty-six-year old farmer in the Peach Bottom area was seriously injured Monday when a tractor he was operating overturned pinning him underneath.

Landis Schaeffer, Peach Bottom R1, was admitted to the Lancaster Osteopathic Hospital suffering from multiple fractures of the ribs, possible internal injuries and possible concussion. By Tuesday night, hospital authorities reported Schaeffer was recovering.

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Crop Summary

County Crops Making Good Growth

Tobacco crops throughout the county appear to be making excellent growth, reports this week indicate. The crop is more than 90 per cent transplanted, estimates from around the county indicate.

Tomatoes and corn made satisfactory growth during the week with corn passing the last possible stage for cultivation in most fields. Tomatoes are setting fruit and green fruit is sizing rapidly. Reports indicate good vine growth and good fruit set to date.

Pastures continued to produce good qualities of forage. Most pastures have been clipped and some farmers are beginning to make second cutting alfalfa hay.

Early harvest has started in southern counties, the Pennsylvania Crop Reporting Service said Wednesday in its weekly roundup of crop and weather conditions.

The report said that yields are good and that barley fields have turned yellow throughout most of the rest of the state. Reports from Lancaster County indicate near record yields in some fields.

Sweet cherry harvest should

start in Erie Co this week as the peak of the crop is harvested in southern orchards. The short sour cherry crop is starting to ripen and harvest should commence next week in southern counties and during the third week of July in Erie County. Erie County grapes were in full bloom on July 1.

Staked tomatoes from the Lancaster - York area will be moving to market in volume next week as will green wrap tomatoes from the Wyoming Valley. The tomato crop is about a week late. Some early marketings of tomatoes in the Washington Boro area were reported this week.

Cabbage is now being harvested in volume in the southern two thirds of the state as lettuce harvest tapers off. Snap beans are being picked in light volume, but harvest will not be full scale until the middle of July.

Strawberry harvest passed its peak in northern counties last week.

Early green pea harvest for processing is progressing rapidly in all areas except in Potter and Erie Counties.

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FARM CALENDAR

- 10-3:00 p.m. - County 4-H Ashire - Jersey club meets at the home of Milton Brubaker, Litzitz R1.
- 11-5:00 p.m. Lancaster County vocational agricultural teachers annual summer picnic at Hershey.
- 8:00 p.m. - Twilight meeting at the Southeastern Pennsylvania Artificial Feeder Cooperative on Route 230 By-Pass near Conowingo, Pa.
- 8:00 p.m. - Elizabethtown - Berks 4-H community club meets at the home of Janet Fleck, Mount Joy R1.
- 12-Practice judging for livestock teams at Conowingo Angus Farm near York. Lancaster Co. group meets at Wheatland near Lincoln Highway.

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