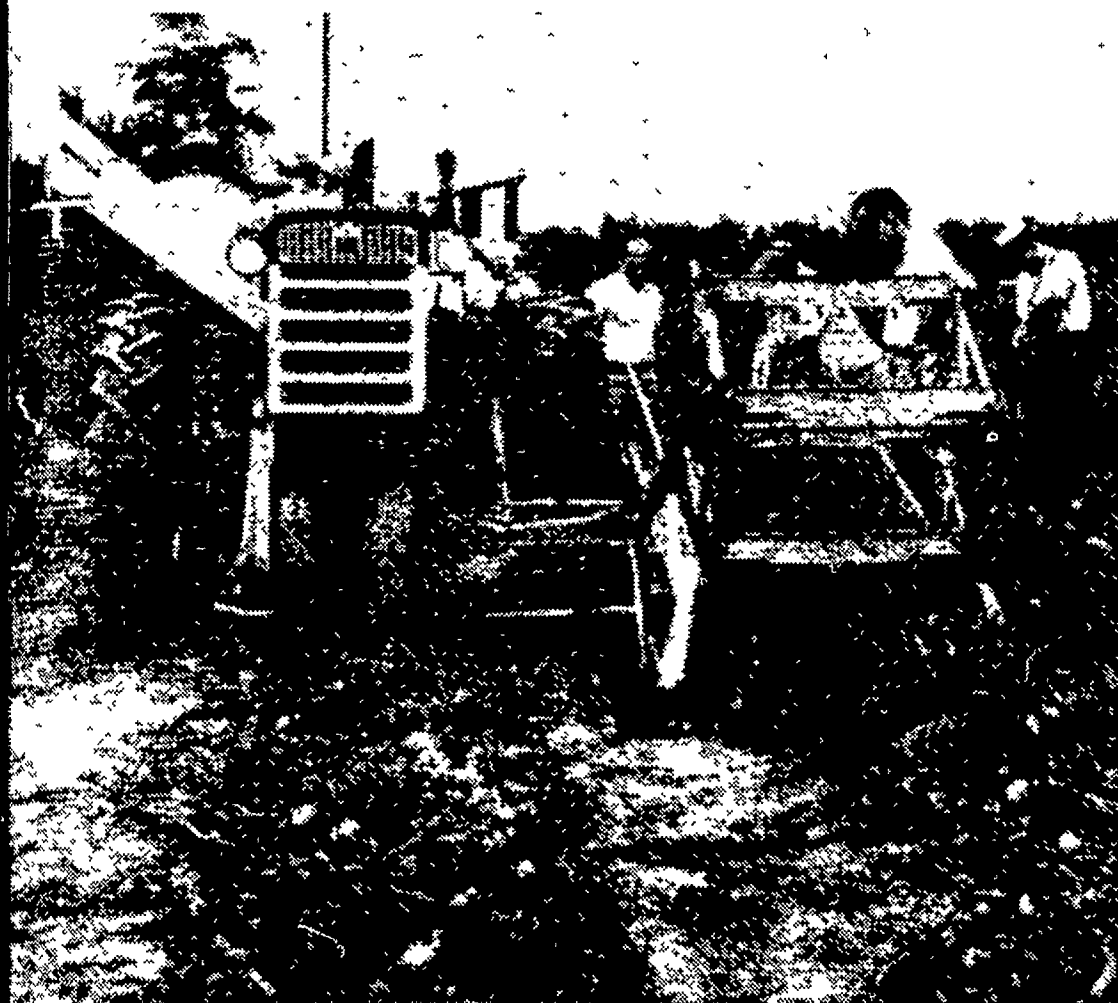


Lancaster Farming

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ONE TYPE OF TOMATO HARVESTER to be demonstrated at the vegetable field day at the Pennsylvania State University September 13 is shown here mounted on a farm tractor. The machine lifts the tomato plant into its mechanism and then separates the fruits from the vines. Special varieties of tomatoes are being developed for mechanical harvesting. The new varieties must have a solidity to withstand the mechanical handling and the fruits must all ripen within a short length of time.

PSU Field Day Features Two Tomato Harvesters

On September 1, 1960, a weird looking monster rose out of a California tomato patch and began stuffing fruit laden vines down its gaping maw.

Hopeful tomato growers, packers, canners, horticulturists and members of the press waded knee deep in stripped vines, discarded green tomatoes and dust as the machine patiently gobbled its way down the rows.

The feelings of the spectators must have been the same as on the day the first cotton gin, the first mechanical reaper, or perhaps even the

wheel was demonstrated. These people were watching the world's first successful mechanical tomato harvest in action. They were watching the beginning of a revolution in the tomato industry.

Demonstrations of two mechanical tomato harvesters (Turn to page 5)

4-H Leaders Club Plans Barbecue

The Lancaster County 4-H Leaders Council has planned a county-wide Chicken Bar-B-Cue to help finance trips and awards won by Garden Spot 4-H members.

Each year, the county 4-H requires about \$1700 to supply the rewards won by 4-H judging and demonstration teams. These awards include trips, plaques, engravings, and ribbons or other trophies.

In an effort to raise part of the needed finances, the leaders council has planned a Chicken Bar-B-Cue and asked the 4-H members of the county to sell tickets.

The chicken dinners will be served from 4 p.m. to 9 p.m. September 16 at the Lampeter Community grounds and tickets are available from any 4-H member leader, or the county agent's office in the Post Office, Lancaster. Take-out orders will be available.

County Agents Attend Parley

Three agricultural County Agents from Lancaster County will be among the extension personnel attending the 46th annual meeting of the National Association of County Agents, September 10 to 14 in New York.

Theme of the convention will be the changes in agriculture, professional improvement and marketing.

Attending from the Garden Spot will be Max M. Smith, county agent, Victor Plastow, Associate County Agent and Winthrop Merriam Assistant County Agent.

Dr. E. T. York, federal extension administrator from Washington, D. C. will be the keynote speaker.

Scholarship Aid Is Awarded To James Brubaker

James C. Brubaker this week became the recipient of a \$500.00 scholarship award as the outstanding Future Farmer of Lancaster County.

In ceremonies at the regular meeting of the Lancaster



JAMES BRUBAKER

County Teachers of Vocational Agriculture Thursday night, Chris C. Kunzler of Kunzler and Co., Inc. presented the second annual award to the 17 year old son of Mr. and Mrs. Milton Brubaker, Litz R1.

In making the award Kunzler stipulated that the scholarship grant be used as tuition for an agriculture curriculum at the Pennsylvania State University. Vegetable trials weed control, breed-

Fall Is Time To Transplant

Many perennial plants that have strong clumping tendencies, will do better next year if they are divided and transplanted late this summer or early fall, university extension horticulturists say.

Such plants include irises, peonies, June flowering chrysanthemums, lilies and hardy spring flowering bulbs.

The experts recommend transplanting at this time of year so plants can start root development and produce some growth before freezing weather sets in.

After separating the plants set them firmly into their new location, at the same depth they were before, making sure the roots are well spread. Then firm but do not pack the soil. Take care to (Turn to page 5)

FIVE-DAY WEATHER FORECAST

Saturday - Wednesday

Temperatures during the next five days are expected to average seven degrees above the normal range of 69 at night to 79 in the afternoon. Warmer weather over the week end will turn cooler Tuesday or Wednesday. Showers about Monday or Tuesday will average about 1/2 inch.

Heptachlor Or Dieldrin OK'd For Fall Spraying

No general recommendation for spring control of alfalfa weevil will be made for the 1962 season, a representative of the Pennsylvania State University Extension Service said this week.

Henry Menusan, extension entomologist, told Lancaster Farming, Alfalfa growers interested in protecting their crop from the destructive pest will have a choice of two materials; but both of them will be recommended for fall application only.

Dieldrin, which was recommended and used quite generally last fall, gave good control in most fields and almost 100 per cent control in some cases. Menusan said the recommendation for Dieldrin will be continued.

Heptachlor, which was not cleared for use in 1960 by the U. S. Department of Agriculture or the Food and Drug Administration, will be on the list of recommended products for fall application this year.

Heptachlor has been released for use within the past week, Menusan said, but the University has not yet received official label requirements from Washington. However, he said, some companies have been given approval for labels.

Either Dieldrin or Heptachlor will do an effective job of controlling the weevil, but there are a number of points for the farmer to consider when deciding which (Turn to page 11)

Vaccinated Cows Get Certificates

Harrisburg — Pennsylvania farmers owning calves vaccinated against brucellosis on or after June 1 of this year soon are to receive official certificates of calfhood vaccination from the State Department of Agriculture.

According to Dr. William L. Henning, Secretary of Agriculture, the certificates are to be transferred with the sale of any vaccinated animal.

On the face of the certificate is the name of the original owner, the date of vaccination, age of the calf at the time of vaccination, the original herd number, and identification of the animal. This latter item will include the breed and either the registry, ear-tag or tattoo number of the animal.

A vaccination code is shown. The number one indicates that the calf was under four months of age at the time of vaccination, the number two means that the calf was from four to eight months old when vaccinated, and the number three means that the calf was more than eight months old when vaccinated. Only those calves vaccinated when from four to eight months old are considered to be officially vaccinated against the disease, allowing them to move more freely in interstate commerce.

On the reverse side of the certificate are forms to record transfer of ownership of the animal and a space to record new ear-tag numbers in case a tag has been lost.

The new certificate should be presented when an application for a health certificate (health chart) is made to the Department of Agriculture

School Lunches For More Kids

The U. S. Department of Agriculture reported today that the number of children to be served lunches in schools this year will set a new record.

The National School Lunch Program, one of the three programs administered by the Department to increase use of food by providing more adequate diets for Americans, is expected to help provide lunches for more than 14 million of the expected record enrollment of 46 million children in the Nation's schools.

Last year, some 13.5 million children ate a complete (Turn to page 12)

FARM CALENDAR

- Sept 9—8 00 p.m. - Town & country 4-H club to be the guests of Senior Extension Club at a beef barbecue in the Penryn picnic grove.
- Sept 10 to 16—National convention of County Agricultural Agents in New York City.
- Sept 11—8 p.m. - Meeting of the County Soil Conservation District Directors in the Lancaster County Court House.
- 8 p.m. - County 4-H Ayrshire - Jersey club meets at the home of Everett Kreider, Quarryville R1.
- Sept 12—8 p.m. - Elizabeth-town-Donegal 4-H community club meets at the home of Christ Miller, E-town R1.
- Sept 13—Vegetable Growers field day at Pennsylvania State University. Vegetable trials weed control, breed-

(Turn to page 13)