

Second Brood Corn Borers Has Started

This is the ninth of a series of weekly bulletins on the development of the corn borer in Nebraska.

Emergence of second brood corn borers has started. Moths were found in Pawnee county in southeast Nebraska on August 1 and one moth was observed in Thurston county on August 3. These are the first second-brood moths reported and it is not expected that large numbers of moths will be found at any place in Nebraska for at least another week.

No egg laying by second-brood moths has been reported as yet. Watch out for a few days of hot humid weather during the next two weeks. Such conditions will probably result in rapid emergence of moths and heavy egg laying. The numbers of pupae are increasing and many of the larvae are fully grown and ready to change to pupae. This means that in the next two weeks it is possible for a large number of moths to emerge if the weather is favorable.

All stages of the insect are present in the early planted corn fields now. This means that a moth emergence will occur over a longer period than did the first brood. However, much of the early corn may reach a stage of maturity that will make it impossible for the borers to cause serious damage.

It is time to start watching the corn fields for signs of egg laying. Remember the recommended treatment of 1 1/2 pounds DDT per acre after the egg mass count goes over 100 per 100 plants.

Late planted corn in the northeast counties where first brood borers were numerous will probably need treatment to avoid heavy damage by the second brood. Corn growers in that area should start locating a supply of DDT to avoid shortages. The supply at the manufacturers' is adequate. If orders are received early it can be supplied at the right place at the right time.

Other troubles of the week are Willow aphids and strawberry plants. The Willow aphid is large for a plant louse but small as bugs go. They are brownish colored soft bodied insects that live in colonies or clusters on the young branches of willow trees. It is doubtful that they will kill the tree but if a spray is de-

sired use nicotine sulfate (Black Leaf 40). Follow directions on the package but add about 1 teaspoonful of soap flakes per gallon of spray for better results. Spray on a warm day, that is, above 70 degrees F., and be sure the spray hits the aphids. Strawberry plants in some areas are looking pretty bad. A sharp observer can find all sorts of maggots and worms in the crowns. Most of the small creatures, however, are in the feeding on decaying plant tissue and not on the live plant. The two main troubles in this crop seem to be lack of water and plants that are too old. Even mild drouth in a strawberry patch shows up as dead leaves, droopy plants, etc. Also old plants should be removed occasionally. They get rotten crowns which brings in the worms and maggots and the cycle is started again.

Cass County Stock On Omaha Market

A large number of Cass county farmers were on the Omaha live stock market this week with steers, heifers. There were a large number having hogs on the market. Listing of local shipments were:

George Lenz, 19 sows, wt. 271, \$21.50.
LeRoy Cook, 21 steers, wt. 973, \$22.25.
Leo Rikkl & Son, 20 steers, wt. 1067, \$29.50.
John Foster, 27 heifers, wt. 912, \$29.50.
Emil Bornemeier, 10 steers, wt. 959, \$28.50.
Emerson Wiles, 13 steers, wt. 968, \$31.85.
Howard Wiles, 7 steers, wt. 866, \$31.00.
Henry Hild, 11 sows, wt. 423, \$12.50.
Leo Rikkl & Son, 9 steers, wt. 1234, \$29.25.
Melvin Todd, 21 steers, wt. 1137, \$30.70.
Harry Kastens, 22 steers, wt. 962, \$30.25; 2, wt. 865, \$29.00.
El Beek & Dominco, 3 hogs, wt. 206, \$24.25; 10 sows, wt. 391, \$18.75.
Harley Morton, 16 sows, wt. 411, \$19.00.
Glen Todd, 21 steers, wt. 1133, \$30.50.
Boedecker & Cottingham, 25 heifers, wt. 993, \$31.00 (top Aug. 7).



L. A. Behrends
Superintendent of Schools

Mrs. Sheard Shows Some Improvement

The many friends of Mrs. Lemuel Sheard, who has been gravely ill for the past ten days, will be pleased to learn that she is not afflicted with spinal meningitis as was first thought. Special treatment and examination at the Clarkson hospital at Omaha revealed that her illness was trigonitis, a condition developed from food that she had eaten. The treatments has had a most beneficial effect and the patient has partially regained use of her arms that were partially paralyzed.

Girls Return From Camp

Nancy Sedlak, Jane and Sarah Thimean and Carol Davis, returned Saturday from Camp Harriett Harding Campfire Girls camp near Louisville. The theme of the week was Chinese, the girls enjoyed the pleasure of eating with chop sticks. An added attraction at camp this year was a new swimming pool which was formally dedicated Sunday August 6th. Mrs. Claire McPhaul of Plattsmouth is camp nurse and her daughter, Lynn, is spending the summer with her.

CONSERVATION FARMERS

LINCOLN—Forty conservation farmers in Illinois had a total net income advantage of \$36.77 an acre for four years over 40 low-conservation farms of the same soil type, slope and degree of erosion, according to Extension Conservationist O. J. McDougal, Jr., of the University of Nebraska.

Mr. McDougal said farmers using conservation plans get higher crop yields and produce more livestock, making their income considerably higher than those who do not practice conservation. Conservation-minded farmers, he says, also increase the fertility of their soil, save their valuable top-soil and conserve more water.

A. E. Leesley, prominent resident of east of Greenwood, was in Plattsmouth Tuesday and while here called at The Journal to enroll for the paper.

The first farm bureau in the United States was founded in Binghamton, N. Y. in 1911.



GOING TO THE CIRCUS . . . Judy, jungle orphan, takes first cab ride after arrival in San Francisco. She is going to the circus—to stay.

Legislative Sidelines

by BERNIE CAMP
Information Director
Nebraska Farm Bureau
Federation

Heigh-Ho, Come to the Fair. Soon all roads will lead to Lincoln. From September 3 to 8, Nebraska's biggest agricultural show, the State Fair will be in full session. Farm folk from all parts of the state, old and young alike, will come to take part in and see the livestock and 4-H shows and exhibits, the machinery and industrial exhibits, the races and the midway.

State Fair week is a Nebraska institution of almost ninety years. The first State Fair was held at Nebraska City in September 1859. The first fair didn't do so well financially, and ten years elapsed before another was held. In those days before Nebraska became a state, most of it was unsettled, the home of the Pawnee, Sioux, Omaha, Winnebago and other Indian tribes and the buffalo. There were a few settlements along the Missouri River, concentrated mostly in the southeast corner of the state. The total state population in 1859 was less than 30,000. Lincoln was not founded then.

The second state-wide fair was the first real State Fair, was held at Nebraska City in 1869, two years after Nebraska became a state. The population of the state was still less than 125,000 persons and still concentrated in the southeast and along the Missouri.

A legislative act of 1879 provided for the State Fair to be located permanently at Lincoln and made it a responsibility of the State Board of Agriculture.

Whether Nebraskans participate in the State Fair or not, they do have an interest in it. The Legislature provides funds in the biennial appropriation of the state for maintenance of the grounds and building repair, for 4-H club activities, and a total of \$2,000 annually for premiums. The legislation appropriation is not the major source of State Fair income. Gate receipts, and rent from use of the buildings by exhibitors at the State Fair and for various events at other times of the week are the major sources of revenue.

Add to Legislative Sidelines Management of the State Fair is one of the duties assigned to the State Board of Agriculture. The state board is a quasi-private corporation responsible to the state government. The constitution of the board provides for a board of 29 members selected from five districts for two year terms. The presidents or elected delegates of county agricultural societies are ex-officio members of the board and entitled to attend the annual meeting in January. An eight-member board of managers is set up in the state board as the management authority.

A full-time secretary—currently Edwin Schultz, Elgin—is the executive agent of the board of managers and is a member of the board. He is responsible for management of the State Fair. The state legislature has permitted the State Board of Agriculture to assume grandstand refunding bonds to build the grandstand on the fairgrounds. These bonds are not considered an obligation of the state; and no tax funds can be used to pay the interest or principal on these bonds. The grandstand and interest are paid for out of the earnings of the grandstand; and if necessary, up to \$10,000 in other receipts may be used annually. These bonds



URGES CEILING . . . Bernard Baruch shields his eyes from glare of movie lights as he urges ceilings on prices, wages, rents and fees and asks total mobilization.

have been paid off rapidly in recent years.

The state owns the 238 acres in the State Fair grounds. Insofar as possible, the State Fair is expected to be self-supporting.

The Legislature has authorized power plant on the city campus to provide electricity to the State Fair grounds, with the provision that this service does not impair service to the University of Nebraska itself or to the State Capitol building and governor's mansion, which are also served by the University plant.

The Nebraska State Fair is one of the major agricultural exhibitions of the nation. It compares favorably with similar fairs in Iowa, Illinois, Kansas, Missouri and Minnesota. State Fairs have enjoyed their greatest vogue in the middlewest, the agricultural heartland of America; although, most states of the

nation have an annual agricultural fair of one type or another.

There have been times, particularly during the drought and depressing years of the 1930's when the State Fair was in financial difficulties. More recently, under the capable management of Secretary Schultz and the State Board of Agriculture, the fair has been able to make up past deficits, improve the facilities, and plan for expanded facilities in the future.

Non-Farm Labor Shows a Raise

Non-agricultural employment was up 2 per cent from May as the Nebraska division of employment security reported 308,300 workers for June in the state.

The June figure was less than 2,000 short of the corresponding figure a year ago.

The largest gains over May were reported in construction with a total increase of some 12 per cent. This was partly seasonal and partly due to recovery from the strike in Omaha in April.

Manufacturing employment pushed upward for the third consecutive month. The gain amounted to nearly 4 per cent over May.

All major industry groups recorded employment gains except the government where a reduction of 900 occurred because of separation of persons assisting with the census and some deductions in school employment.

Employment in transportation, communication and public utilities was reported strong with increases. Interstate railroads accounted for largest numerical increase with some 900 employees added in June.

June employment by categories included: Manufacturing 48,000; construction, 17,100; transportation, communication and public utilities, 40,700; trade, 89,200; finance insurance and real estate, 16,200; services, 38,000; other industries, 700; and government, 58,100.

Increase percentage for durable goods employment: Machinery and equipment gained nearly two per cent for fifth consecutive month after consistently decreasing during 1948 and 1949.

Increases in non-durable goods was largely seasonal: Grain mill products, 26 per cent over May; dairy products, nine per cent, and other food products nine per cent, which was largely result of increases in beverage industry.

A person who weighs 200 pounds on the earth would weigh about 33 pounds on the moon, 58 pounds on Mercury, 172 pounds on Venus, 74 pounds on Mars, 528 pounds on Jupiter, 234 pounds on Saturn, and at the surface of the sun about 5,580 pounds.

Undergoes Operation

Today, (Thursday) Howard Reckard of this city was operated on at the Doctors hospital at Omaha. Mr. Reckard some time ago suffered an injury to his arm by having several pieces of steel imbedded in the arm while at his work. One of the pieces was removed and now it is necessary to operate to remove the remainder of the steel.

Pig Birth Rates Jump
MILLER, S. D. (UP)—Four Chester White sows produced 45 pigs at the Tom Van Zee farm. Three sows had 11 pigs each and one had 12. A litter of eight is a good average.



WILLIAM G. HALDEMAN
Second in Legislative Race

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