



FARM Review and FORECAST



A Page Dedicated to Cass County Farm, 4-H, Conservation and and Related Activities Published Every Monday by the Plattsmouth Journal.

Rain Increases State 'Skeeters'

LINCOLN — Excessive amounts of rainfall in Nebraska have resulted in increased mosquitoes, Robert E. Roselle, extension entomologist at the University of Nebraska, reported today.

Since mosquitoes require water for development, first step in their control should include getting rid of all items that contain water. Empty drain water from tin cans, tires, holes in trees, rain gutters, stagnant pools and swampy places.

Tractor Power Safety Day Set In Lincoln

LINCOLN—The sixth annual Tractor Power and Safety Day will be held July 25 at the University of Nebraska college of agriculture campus.

Included in the program, which will begin at 8:30 a. m., will be demonstrations of foreign tractors, laboratory equipment and the experimental Ford "Typhoon" tractor. A parade of new and old tractors and some new ideas in farm machinery will be other highlights of the program.

The state champion tractor drivers and a dangerous tractor operation demonstration will be other attractions of the program.

Sponsors of the program include the Department of Agricultural Engineering and the Agricultural Extension Service.

getting rid of all items that contain water. Empty drain water from tin cans, tires, holes in trees, rain gutters, stagnant pools and swampy places.

Swimming pools and bird baths should be washed and water changed at least every 6 days. Mosquito larvae can be killed in large pools of water by using pyrethrum oil. This chemical does not endanger the fish or other animals. Use a solution not to exceed 1 ounce of spray per 100 square feet of water surface.

Adult mosquitoes can be partially controlled inside buildings by using an aerosol bomb or household spray. Best results are obtained by closing all doors and windows and releasing the aerosol for a few seconds. Pyrethrin or pyrethrins with methoxychlor are the best chemicals to look for in aerosol bombs.

Use a 5 per cent DDT spray on trees, shrubs and around foundations of buildings. Mix 2 1/2 cups of 50 per cent wettable DDT powder to one gallon of water.

During periods of heavy infestations, community programs are essential, Roselle said.

Most insecticides are poisonous and must be handled with care. Be careful when using them and always store them in a safe place, Roselle advised.

INDUSTRY SPENDING
Industry spending for factories, office buildings, equipment and other production facilities is expected to be 9 per cent higher in the first nine months of this year than in the same period of 1956. Government estimates indicate that industry is spending at the rate of \$37,330,000 a year in the second quarter and will spend at the rate of \$37,890,000 in the third quarter.

A Classified Ad in The Journal costs as little as 35 cents

Enrollment Open

Enrollment is still open for the second 4-H Conservation camp this year, July 23-27, at Ponca State Park.

Four-H club members interested in attending the camp should contact their local county Extension agent, according to Louie Rudman, assistant state 4-H club leader at the University of Nebraska.

Camp highlights will include sessions in wildlife, gun safety and marksmanship, fish and game management, nature lore, water safety, soil conservation, fossils and geology, fishing, swimming, boating, outdoor cookery, games, hikes and other recreational activities.

Clarence Schmadeke
County Agricultural
Extension Agent

Control of HOPPERS

More effective and economical control of grasshoppers can be obtained by spraying before the insects leave their hatching beds. A heavy hatch is in evidence today and controls are recommended.

If controls are delayed until the hoppers have reached advanced stages of growth, larger areas must be sprayed with more insecticides per acre.

Small grasshoppers may be controlled now in field margins with any of the following chemicals per acre: 1/2 pint of Aldrin, 1/2 pint of Heptachlor, 2-3 cup of Dieldrin or 1 quart of toxaphene per acre.



The Cooking Cuties of Nehawka met at the home of Susan and Carol Balfour June 28. The cooking club judged the snickerdoodles that they were to make for that meeting, they are to make vanilla drop cookies next. The bird club discussed birds that they had seen, for the next meeting they are to have taken a bird hike. The sewing club members judged their kitchen hand towel, for the next meeting they are to be started on their apron. Susan Balfour took charge of the business meeting. One member was absent. Visitors were Mrs. James Chriswiser, Thelma Kettelhut, and Mrs. John Chandler. The next meeting will be at the home of Miss Irene Chriswiser on the 12 of July. The leaders are Mrs. Jack Lindsey and Mrs. Vance Balfour.

Barbara Chandler
News Reporter

Arthur Hansen, who was seriously injured in a car accident several months ago, is making satisfactory progress at his home. He is still confined to his bed.

Sunday the Future Farmers of America held their annual picnic at Steinhart Park. Guests were the parents, the new superintendent and family, Mr. and Mrs. Russell Ward and son, and the eighth grade graduates who may be interested in F. F. A next year. Swimming and visiting were enjoyed.

Jerry Harshman
News Reporter

Recently the Tractor Jockeys held two meetings at the Farmers Oil office. The lessons were "Clean Air for the Engine," and "Mixing Fuel and Air". All members were present. Roger Balfour and Ed Behrens served refreshments.

Jerry Harshman
News Reporter

Jolly Workers 4-H Club
The Jolly Workers 4-H Club met Thursday at the home of Linda Johnson. Judith Hutchinson was a guest. The girls decided to finish their projects by the next meeting if possible. After the business meeting, refreshments of popicles were served by Linda.

Patty Gerdes
News Reporter

Happy Helpers Club
The Happy Helpers 4-H Club met at the home of Sybil Balfour. The purpose of the meeting was to plan a tour and to check record books. Next meeting will be held on Thursday, July 11. The cooking record books should be completed and clothing books will be checked. County Fair is about two weeks earlier this year, starting Aug. 13.

Mary Biggs,
News Reporter.



THESE PERSONS recently were responsible for cultivation of 100 acres of corn belonging to Gilbert Kime, Nehawka. Kime is hospitalized for treatment of heart ailment. The volunteer labor cultivated the corn in about two hours. (Journal Photo).

Expert Answers Query On Calves

LINCOLN—Should calves be drenched with rumen contents from an adult cow to help them digest roughage?

This question has come up since calves often are separated from the herd shortly after birth and raised apart from their dams, according to Philip Cole, extension dairy specialist at the University of Nebraska. The organisms that a cow normally need to break down roughage ordinarily are passed along to the young through normal herd contacts, Cole said.

Some cattlemen have felt that

calves removed from normal contact with their dams would not develop these built-in aids to forage digestion, Cole said.

Research at the U. S. Department of Agriculture's Beltsville, Md., research center indicates that calves thrive just as well when they are raised apart from the herd.

At Beltsville, isolated calves ate just as much roughage and apparently digested it just as well as calves raised with their dams. Calves isolated in this limited study showed no noticeable difference from unrestricted ones in rate of growth, appearance, or in amount of feed used per pound of added weight.

Rigidly isolated calves did not develop the ordinary rumen organisms to the degree that they are found in animals left with the herd, and some organisms were not present at all. They developed other organisms, however, that seemed to be equally effective. When the calves were put with the herd later on, the normal rumen organisms quickly developed.

PREVENT CONTAMINATION

Steps should be taken now to prevent your 1957 grain crop from becoming insect and rodent contaminated, according to Robert Roselle, Extension entomologist at the University of Nebraska.

Several simple precautions will help prevent stored grain from becoming infected. Preventive measures should include the following:

1. Clean bins thoroughly and remove all traces of old grain with a vacuum cleaner.
2. Remove all spilled grain and feed from the vicinity of the bin.
3. Clean the entire area around the bin. Kill the weeds and remove all boards or junk from the area.
4. Remove double walls if possible; if not, clean between walls by removing the lower boards, then force a spray between the walls.
5. Spray all surfaces inside and outside the bin with 5 per cent methoxychlor spray. Use 2 and 1/2 cups of 50 per cent wettable powder to each gallon of water.

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6. After bins are thoroughly clean, make necessary repairs. Rat and bird proof with sheet metal, hardware cloth and screens.

Federal Food and Drug inspectors probably will conduct a stepped-up inspection campaign for insect and rodent contaminated grain.

Clarence Schmadeke
County Agricultural
Extension Agent

COOKING FRUIT JELLY

Jellies were made by fast heating and slow heating from 2, 4 and 6 cups of bottled apple juice with added liquid fruit pectin and sugar. Juice and sugar brought to a full rolling boil before pectin was added. Some lots were given no further cooking. Others were boiled for 1, 2 or 3 minutes after again reaching a full rolling boil.

In general, jellies made by fast heating and slow heating were comparable. For jellies made in large cooking lots, fast heating gave a slightly more desirable product.

The size of the cooking lot made a difference in the eating quality of the finished jelly. The small cooking lots were nearest optimum firmness. The large-sized lots were slightly better balanced in flavor than the small lots.

The length of heating time which gave the best over-all re-

sults varied with the size of the cooking lot. For small lots of jelly, boiling for 1 minute was the most satisfactory. The medium and large lots generally were improved with boiling for 2 or 3 minutes.

Pearl L. Groesser
Home Extension Agent

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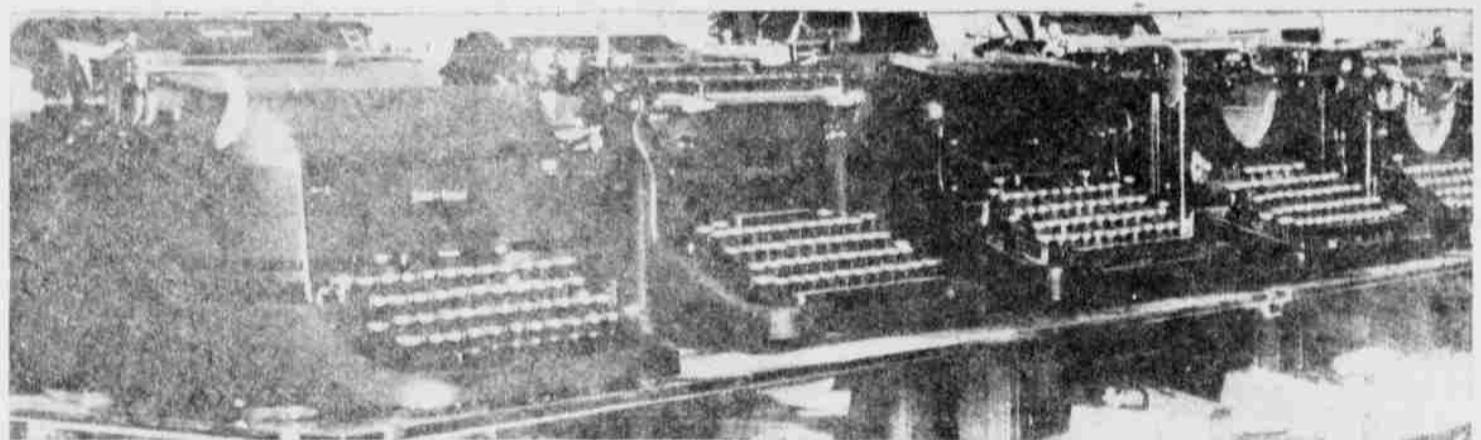
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