

Repulse Rate
Rats and mice will not chew modern American matches creating fire hazards, because of ingredients so repulsive to rodents that in laboratory tests they would not touch the composition even when starving.

AUCTION SALE

Wednesday, April 3

12 Noon, Sharp
118 W. MAIN STREET
NORTHVILLE

10 Rooms good clean furniture, some antiques; Electric stove, electric ice box, bedroom, living room suites; house size safe; fire place set; rug; and runners; chairs; dressers; large walnut hall tree; kitchen cabinet; range. Many articles not mentioned.

TERMS — CASH

Harry C. Robinson and
Lloyd Croft, Wixom,

Auctioneers

EDWIN C. BUELL
Owner

SPRAY FRUIT TREES BEFORE LEAVES START

Dormant sprays are necessary to protect tree fruits against plant pests according to Karl D. Bailey, County Agricultural Agent. If weather continues warm, all dormant sprays must be applied as soon as possible regardless of what comes later. A few more warm days may be too late.

Home gardeners should use 3 per cent dormant oil on apples, plums, sweet cherries and pears. Peaches, however, should be sprayed with liquid lime-sulphur using 5 gallons of the lime-sulphur to 100 gallons of water. This is for the control of leaf curl, a disease which malforms the leaves in early June. Mr. Bailey cautions that lime-sulphur should not be used with oil or DN compounds because of injury.

Sprays should not be applied when rain or snow is likely to follow soon or when the temperature is below 40 degrees.

U. S. Telephones

In terms of capital investment, telephones are the third largest public utility in the country (after electric power and transportation). More than 80 per cent of the telephones in the United States are operated by one system. About 6,500 independent accounts for the other 20 per cent of the total telephones operated.

FARM FEATURES

4-H CLUBS EXHIBIT WORK APRIL 3-4

Nine hundred boys and girls enrolled in winter 4-H clubs in Oakland County will participate in the 4-H Achievement Days at the Clarkston High School on April 3rd and at Birmingham at the Adams School on April 4th. Their projects will include Clothing, Handicraft, Conservation, Trapping, Electrical, Personal Accounts and Food Preparation.

Exhibits at Clarkston will be set up between 4:00 and 8:00 p.m. on Tuesday, April 2nd and from 8:00 to 10:00 a.m., Wednesday, April 4th. The judging will be carried on until 4:00 p.m. April 3rd. Exhibits at Birmingham will be set up between 4:00 and 8:00 p.m. on Wednesday, April 3rd and from 8:00 to 10:00 a.m., Thursday, April 4th. Judging will be done from 10:00 a.m. to 4:00 p.m. Exhibits will be open to the public at 4:00 p.m. both days.

Mrs. Corinne White and Mrs. Vera Freeman, Assistant State Club Leader from Michigan State College will be the judges and assist at the evening programs.

The groups that will participate at Birmingham with their leaders are: Mrs. Grace of Farmington.

The program at both places will be as follows:
4:00 - 5:00 p.m. Exhibits on display.

5:00. Movie, 4-H club picture and comedy; leaders' meeting.

5:30. Each person bring lunch.

7:30. Evening program.

All parents and friends of 4-H club members are invited to attend all of these activities.

The 4-H Achievement Program will be directed by Len Lewis, District Club Agent, Mary J. E. Woodward, Home Demonstration Agent, and Karl D. Bailey, County Agricultural Agent.

Large Gains Noted In Artificial Breeding

A threefold increase in the artificial breeding of dairy cows in Michigan, in 1915 is reported by A. C. Baizer, Michigan State College extension dairy specialist.

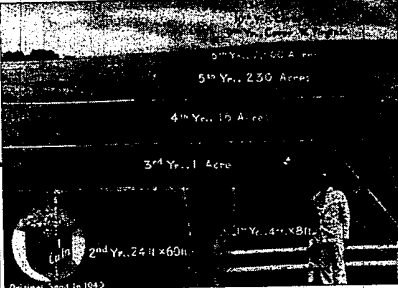
The tremendous gains showed that the number of counties organized increased from 12 to 28; members of these counties increasing from 1,190 to 4,270 and the number of cows owned by members from 12,000 to 35,276.

The number of bulls used in the Michigan Artificial Breeding association at East Lansing now total 26 of which 13 are Holstein, 8 are Guernsey and 5 are Jersey. A total of 5,127 packages containing 12,779 vials of semen were sent out during the year to 45 inseminator-managers of local artificial breeding associations.

Ancient Town
A town built on 18 ancient levels, one above the other, 250 miles from Baghdad, was reported by the University of Chicago. Stone axes, flint-tipped spears, corrugated pottery, hand-bellied jars and underground grain bins were found. Beneath all was evidence of ancient nomadic life.

Beer Ceiling
The Massachusetts Bay Colony put a ceiling price on beer in 1634. According to the Encyclopaedia Britannica, the price was frozen at "one penny a quart at the most."

1 CUBIC INCH OF "BIBLICAL WHEAT" GROWS TO 2,500 ACRES IN 6 YEARS WOULD COVER GLOBE IN 13 YEARS



Perry Hayden, Tecumseh, Mich., Quaker miller, standing in front of the first little plot of wheat grown from the cubic inch of grain shown in the insert, with the huge increase in the background. A 10 per cent title for the church was deducted each year, and the entire balance replanted. The average annual increase of the "Tithed Wheat" far exceeded the state average of Michigan.

Selection Of Dairy Herd Sire Highly Important

Factors to consider in choosing a dairy herd sire are explained in a recent extension service bulletin published by Michigan State college.

The importance of selecting the right bull is stressed by the authors, Russell E. Horwood and G. S. McIntyre, dairy specialists, who point out that most owners of Michigan's 145,000 dairy herds select a new sire about every two or three years.

Important points to check before buying a bull include the records of his offspring or the heifers that he has sired; his pedigree or ancestry; and his type. The latter term refers to sire evaluation by breed associations in which an official type rating is placed on animals in a herd. The authors explain that type rating is of value only when considered with the other factors.

Through the records of the bull's offspring, dairymen designate certain bulls as "proved sires." Such a bull must have at least five daughters with production records and whose dams also have records. It should be recognized that a sire can be proved to be undesirable as well as desirable. Merely because the animal is known as a "proved sire" does not enhance his value. The authors assert, however, that a sire proved desirable is more likely to transmit the desired characteristics of high butterfat production to his future offspring than an unproved sire.

An explanation of terms used in dairy breed work is also contained in the bulletin, "Selecting a Dairy Herd Sire," Extension Bulletin 278, a copy of which may be obtained free from Michigan county extension offices or from the Department of Public Relations Bulletin Office, Michigan State College, East Lansing.

Potato Growers Urged To Use New Fungicides

J. H. Muncie specialist in botany and plant pathology at Michigan State college, is suggesting that potato growers experiment in small quantities with some of the new fungicides recently developed for controlling the leaf hopper and early blight of potatoes.

The sprays now coming into use are fixed or low-solubility copper materials and organic sulfurs. More recently the addition of DDT has proved highly effective.

Field tests of the various new materials have been carried on at the Lake City Experiment station and with several potato growers in the lower and upper peninsulas of the state for the past eight years. With the addition of DDT to the spray and dust materials in 1915 which controlled the leaf hopper, it was discovered that the fungicides would control early blight. Late blight was not found in any of the many potato fields where the materials were used. As yet no data is available on fungus leaf disease of the potato.

Compared to Bordeaux mixture, the standard spray for potatoes, the fixed copper sprays do not adhere as well, but at the same time they do not have the injurious effect on plants which results from the excess lime in Bordeaux. Fixed copper sprayed plants originally showed more leaf hopper injury but this was eliminated with the addition of DDT.

Despite these findings, however, potato growers are advised to try the new materials in experimental quantities to prove their worth before discarding Bordeaux mixture as a potato spray.

Six Million Trillion Electrons
About six million trillion electrons flow through the electric light on a lamp table.

Distant Nebulae
Light from the nebula in the constellation Andromeda takes 900,000 years to reach us. This nebula is the most distant object in the sky which can be seen without a telescope.

Coal Source of Most Energy
Sources of energy in the United States are: bituminous coal, 49 per cent; anthracite coal, 6 per cent; petroleum, 30 per cent; natural gas, 12 per cent; water power, 3 per cent.

AUCTION SALE

CAP SMITH, Auctioneer

Telephone: South Lyon 4365 Address, New Hudson, Michigan

The Farm being Subdivided, I will sell at Public Auction, on the premises located 1/4 Mile North and 2 1/4 Miles East of Farmington known as the old Erwin Farm; 1/4 Mile West of Inkster Road on 10 Mile at 28370, on

TUESDAY, APRIL 2

1:00 p.m.

FARM EQUIPMENT: 1 Farmall F-20 Tractor on rubber; 1 Two Bottom Tractor Plow, 14 inch; 1 Tractor Cultivator; 1 Grain Binder; 1 Mowing Machine; 1 McCormick Deering Farm Planter, like new; 1 McCormick Deering Manure Spreader; 1 McCormick Deering Corn Harvester and bundle carrier; 1 Farm Wagon and Rack; 1 Land Roller; 1 Buzz saw and frame; 1 Superior Grain Drill; 1 International 2 Horse Cultivator; 1 Dump Rake; 1 Spring Tooth Harrow; 1 one-horse Cultivator; 1 Corn Sheller; 3 Double Harpoon Hay Forks; 1 Panning Mill; 1 Tubular Milk Cooler; 1 Large Iron Kettle.

HORSES: 1 Team Bay Horses that weigh 2890 lbs.; 1 Double Harness; 200 Bales Wheat Straw.

COWS: 1 Large Durham Cow, giving good flow of milk; 1 Guernsey Cow, new milk; 1 Calif. 4 weeks old. Some milking utensils, forks shovels, hoes and many small articles.

TERMS — CASH

CHARLES, ERWIN, Prop.

ALFRED ERWIN, Clerk

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- * Alsike Clover Seeds

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