

STATE NEWS IN BRIEF

Cadillac—Greenfield Sayers, 54 years old, prominent farmer, was killed when his automobile was struck by an Ann Arbor railroad yard engine.

Indian River—Charles C. Dawes, Republican candidate for Vice-President, was guest of Howard Sims, of Columbus, O., on a Sunday fishing trip here.

Reedsville—The body of Milan Peyer, 12 years old, was recovered from Lake 14 by Fred Lyon, Grand Junction fisherman. The boy had been missing a week.

Iron Mountain—Preliminary tests of machinery and equipment in the Ford Motor Chemical Co. plant has begun here. The unit is the largest of its kind in the country.

Hart—The contract to build and concrete two miles of road on M-11, starting two miles north of Hart, awarded the Henry Gravel company of Harsco, at the price of \$47,220.95.

Kalamazoo—Although 166 registered voters signed a petition asking for a special election to recall members of the Marcellus village council, the recall was defeated by a vote of 225 to 75.

Bay City—George Green, 34, one of the city's earliest settlers, is dead. As a boy he and his father made the trip from Pontiac here over the trail of that time and waded through swamps and forests on their journey.

Ablon—Three thousand dollars damage was done when fire started by a lightning bolt entering the factory of the West Chemical Co. at Springport, 12 miles northeast of Ablon, destroyed the pump room of the concern.

Farmington—The village council has voted to turn over the log cabin, built for Farmington's Centennial celebration in June, to Groves-Van Post, No. 245, American Legion, to be used as club room and headquarters for that organization in Farmington.

Kalamazoo—With her transportation paid and about to sail for America, Mrs. Louise Atkinson, 66 years old, of Muskegon, died in Warsaw, Poland, according to a cablegram received here. Mrs. Atkinson went to Europe five years ago as a member of the Russian Relief Mission.

Battle Creek—Details are being wound up here prior to signing a contract by which Fox Field, the aviation field at Camp Cass, will be available to the city of Battle Creek. The chamber of commerce is entering into a contract with the United States government for this purpose.

Owosso—A combination chemical fire truck and pumper purchased by farmers within a radius of nine miles of Owosso has been installed in the Owosso Fire Department. Owosso firemen will man the truck and the city will maintain it. In return, the farmers will permit the city to use it.

Iron Mountain—The City of Iron Mountain is "broke" and notices have been sent to the city treasurer for the amount of \$10,000. It was necessary to finance the city for the next year, it was stated at the treasurer's office. Failure of the city council to provide sufficient funds by appropriation last year is blamed for the financial straits the city finds itself in.

Lansing—Permission to consolidate a number of railways, largely Ohio properties, has been granted in an order issued by the Michigan Public Utilities Commission. The roads interested are the Pennsylvania, Detroit Railway Co., the Cincinnati, Lebanon & Northern Railway Co., the Cleveland, Akron & Cincinnati Railway Co., the Toledo, Cincinnati & Ohio River Railway Co., and the Manufacturers Railway Co.

Lansing—Statistics made public by the State Department of Agriculture recently disclose that the purchasing power of the farm dollar is rapidly increasing in value in Michigan. The index 1913 as an average year, and reckoning the purchasing power of the farmer's dollar at 100 cents for that year, the department's figures show that it dropped to 67 cents in 1921, was 61 cents in 1922, 72 cents in 1923, and now stands at 79 cents.

Grand Rapids—An authorization for the payment of a final dividend of 10 per cent to creditors of the Farmers and Merchants' Bank has been granted the Michigan Trust Co., assignee, by Circuit Judge Willis B. Perkins. Dividends amounting to \$9.5 per cent have previously been paid. The bank's total liabilities, when it closed in March 1921, were \$729,412. Depositors will lose about \$135,000. The bank was organized in 1914 with 60 stockholders and William McCord was president and Frank J. Cook, cashier.

Grand Rapids—That he was sleepy and not intoxicated as charged, was the contention of Herbert W. Burke, 24 years old, of Muskegon, in Justice Harry L. Cressley's court, where he was tried on a charge of driving an automobile while under the influence of liquor. He succeeded in convincing a jury when he swore he had been unable to obtain sleep for 48 hours prior to his arrest. Burke, said he held eight separate charges of traffic violations against his prisoner.

Alfalfa Is Best on Drained Soil

Like Sweet Clover Plant
Thrives With Liberal Application of Limestone.

If you haven't good drainage or cannot get it, do not try to grow alfalfa. The New York State College of Agriculture at Ithaca makes this statement in pointing out that good drainage is the most important single need for this important crop.

Alfalfa grows best and thrives on soil, for it grows and produces on such heavy soils as Vergennes clay and such light or coarse grained ones as Columbia sand or Chenequo gravel. While a fair amount of supply of organic matter in the soil is desirable, yet with thorough inoculation and a little manure to help at the start, alfalfa does well on very sandy soils when other requirements are met, the statement continues.

Lime Is Required.

"Alfalfa, like sweet clover, requires lime in the soil. In fact, it fails to thrive without a liberal application of limestone unless the soil is naturally well supplied with it. Alfalfa requires much more lime than does red clover or timothy. Straw can be fed to better advantage with alfalfa than in any other way. The alfalfa will give better results when fed with a little dry roughage than when fed alone."—Charles L. Bray, Colorado Agricultural College.

Methods of Control of
Different Insect Pests

The following methods of control for common pests are recommended:

Codling Moth.—Use powdered lead arsenate, 1½ pounds, or powdered calcium arsenate with 4 pounds of hydrated lime to 40 gallons of dilute commercial lime sulphur. Apply 75 per cent of the petals have fallen and complete the work within ten days. Give a cover spray three weeks later with or without lime sulphur.

Orchard Aphid.—First spraying with lime sulphur, 1 to 9, with nicotine sulphate, 1½ pints to the 200 gallons, as buds are beginning to break. For later applications use 2 pints of nicotine sulphate, 8 pounds soap to 200 gallons of water.

Woolly Aphis.—Kerosene emulsion may be applied to overwintering colonies when noticed in the spring.

Leaf-Feeding Caterpillars.—For tent caterpillars, tussock moth and canker worms, apply powdered lead arsenate, 4 pounds to the 200 gallons of spray. Strawberry Weevil.—Apply sulphurated arsenate dust (85-15) at the rate of 50 to 80 pounds per acre when the fruit of the weevil is noticed in the bud and fruit destruction is needed.

Curtain Leaf Worms.—Apply powdered lead arsenate dusts or sprays to the foliage, unless the fruit is near maturity, when fresh hellebore, 1 pound to 5 pounds hydrated lime, may be used.

Root Maggot.—Two or three applications of corrosive sublimate, using 1 ounce to 10 gallons of water. Make first application within four days of the first appearance of eggs on the plants and subsequent treatments at weekly intervals.

Green Cabbage Worms.—Apply a dust of 1 part powdered lead arsenate and 15 parts hydrated lime, or a liquid spray of 1 pound powdered lead arsenate with 100 parts water in 40 gallons of water in two or three applications. Make the applications a week or ten days after the white butterflies become numerous in July. In garden plots fresh pyrethrum 1 part to 4 parts four may be used.

Study Draft of Plows

Extensive studies of the draft of plows, conducted by the Iowa agricultural experiment station, have proved that the type of plow bottom does not materially influence the draft. Stubble plows and breaking plows were compared at rates of speed varying from three-fourths of a mile per hour to six and one-half miles per hour, and it was found that the increase of speed will produce about the same increase in draft with any type of bottom.

Utilizing Sweet Clover
Depends Upon Its Needs

The best way to utilize sweet clover depends largely upon whether hay or pasture is needed. The first crop of the second year, if cut early and high enough, may be used for hay, and the second crop comes in for seed purposes. To cut the first crop just as the blossom buds form and before they come into bloom. At least two or three leaves should be left attached to the stubble of each plant. If the first crop is cut before the leaves are matured, there will be no second crop. When the second crop is harvested for seed, frequently sufficient seed scatters to reseed the crop. Sweet clover may be threshed for seed. If the growth is not very rank, it may be threshed with a clover huller.

Farm Records Will Pay
It pays to keep farm records. Let each member of the family have a department in the ledger to keep up a lot of satisfaction at the end of the year to know just how much you earned and how much you spent. Even if the "profits" are on the wrong side of the ledger, you'll feel better to know an accurate record, rather than to guess at it.

Ohio farmers whose low yields had been depressed were able this year to work them two or three weeks ahead of their neighbors.

Yields of hay from Sudan average from 2 to 4 tons an acre. Other varieties from seed it usually is cut with a corn binder or grain binder and thrashed with a grain thrasher.

Silo Will Preserve Whole of Any Crop

Various Plants Combine
Well With Alfalfa.

The silo preserves the whole crop, silage and all, in best form for feeding, whether corn, sorghum or kaffir, so that hardly any of the food value of the plant is lost. The Colorado experiment station found that when corn and alfalfa were silaged 31 per cent of dry matter was lost, when kept in small silages 43 per cent of the dry matter was lost, and when left on the ground 55 per cent of the dry matter was lost. With the silo, much of this is saved and the stock will not waste the stalks as they do in dry curing.

The curing of hay is largely dependent on weather conditions, but silage crops can be put into the silo when wet and will cure regardless of weather.

No stalks remain in the way of farm implements and none are left in the racks and mangers to be thrown out and wasted.

Silage, whether from corn, cane, kaffir or sunflowers, combines well with alfalfa hay, which is a staple crop in this state. Alfalfa contains the protein needed to balance the vitamins supplied by the silage crops. Straw can be fed to better advantage with silage than in any other way. The silage will give better results when fed with a little dry roughage than when fed alone."—Charles L. Bray, Colorado Agricultural College.

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The KITCHEN CABINET

A grindstone that had not grinded in it for a long time, was sharpened by a grindstone that had not grinded in it for a long time.

FISH A SUMMER FOOD

As fish is easier to digest than most meats and the variety is legion, it is a most desirable food. A large part of two years I was laid up in bed and for four months of that time I couldn't get up at all.

Not the Same "Fish"

"You pour fish?"

"This remark was overheard in the New York aquarium. In these city institutions they always try to instruct the public.

"You pour fish?"

An attendant immediately approached, bowed politely to the lady, and said: "They do not mind being in the tanks. There they are well fed and also protected from their natural enemies. It is doubtful if they know their liberty is in any way restricted. So you need not feel sorry for the fish."

But the lady was addressing her remarks to her husband.

Don't think if you put over a substitute when an advertised product is called for. Maybe your customer will never come back.

Eulogy of the Dead

The custom of funeral sermons, together with various other rites in connection with the burials may be traced back to antiquity. Even the primitive peoples had certain ceremonies in connection with the burial of their dead. In ancient Greece and Rome the custom of eulogizing the dead was very popular.

Cuticura for Sore Hands.

Soak hands on retiring in the hot soda of Cuticura Soap, dry and rub in Cuticura Ointment. Remove surplus Ointment with tissue paper. This is only one of the things Cuticura will do. If Soap, Ointment and Talcum are used for all toilet purposes.—Advertisement.

Stock at Par

Kansas Farmer—'I'm sure I've struck oil on my farm. I grabbed the first bottle at hand and brought it to you. I think I have my fortune made.

Important to All Women
Readers of This Paper

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Women's complaints often prove to be nothing else but kidney trouble, or the result of kidney or bladder disease.

Many send for a sample bottle to see what Swamp-Root, the great kidney, liver and bladder medicine will do for them, by enclosing a note to Dr. Kilmer & Co., Binghamton, N. Y., you may receive sample size bottle by parcel post. You can purchase medium and large size bottles at all drug stores.—Advertisement.

Instructions

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Jackson—Why, I thought I did until I had a short conversation with a policeman yesterday.—Detroit Free Press.

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