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Formerly Agent of Farmers' Alliance, IS NOW SELLING

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Will purchase anything you want that can be had in the market.

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Write for cuts and prices. A personal call preferred. Address,

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POINTS IN IRRIGATION.

Water Requirements of Plants at Different Stages of Growth.

Recent investigation in the study of irrigation has given some results of practical value which have been briefly summarized in a farmers' bulletin. The greatest profit is derived from irrigation



PERIOD OF GROWTH WATER REQUIREMENT OF PLANTS.

where intensive farming is practiced. In such farming the aim is to economize all the elements of fertility, to utilize water, fertilizer, labor, etc., to the best possible advantage.

Edmond Gain, a French authority, has shown that the water requirements of plants differ widely at different stages of growth.

BARNYARD MANURE.

How to Control Fermentation and Prevent Losses of Ammonia.

As every farmer knows, if the manure heap is too loosely built the decomposition is too rapid. The materials useful for the formation of humus in the soil are destroyed, and the nitrogen, especially that of the urine, escapes into the air, largely in the form of ammonia.

A powerful means of controlling fermentation is the supply of moisture. The addition of water lowers the temperature and thus retards fermentation.

The need of keeping manure moist is especially marked in case of horse manure, which is naturally dry and decomposes with great rapidity.

Preservation of manure in this manner



FRENCH METHOD OF KEEPING MANURE.

is generally practiced in Europe, and the product obtained is highly esteemed as a fertilizer.

In connection with the foregoing W. H. Beal gives an illustrated description in a bulletin issued by the department of a method employed in the preparation of this well rotted manure in France.

SOWING FALL WHEAT.

Methods to be Avoided—The Press Drill Commends Itself.

It is seldom that fall wheat ground is well prepared. There is no danger of working wheat land too much, provided the ground is moderately dry.

If the soil is loose and the openings between the particles large, the ground will dry out so readily that the young wheat plants perish or are badly stunted during the fall, even if there is sufficient moisture to germinate the grain.

In some of the central western states wheat is still sown broadcast upon the ground soon after it is plowed and then covered with a harrow.

Of all the drills now in use the press drill commends itself. The grain is put in the ground to a good depth and the soil above the seed is compacted so that the moisture will be retained until the berry germinates and gets sufficient rootage to maintain the plant.

Sowing small grains in standing corn still has a few advocates. This is another method that is the cause of frequent failure and almost invariably a small yield.

It never pays to grow half or a third of a crop under any circumstances, and particularly when a paying one can be secured by putting a little more work on the land previous to sowing.

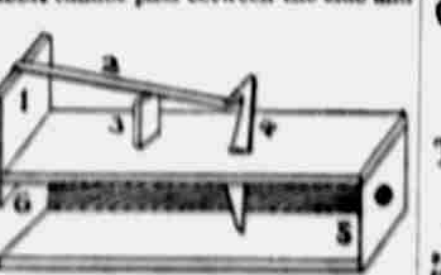
Winter Wheat.

In a recent discussion in the Iowa Homestead it is made to appear that there is less risk in growing winter wheat than the spring variety.

Moderately deep plowing is advocated and thorough preparation also recommended. It is best to roll or float land well, and again in the winter or early spring if the ground gets dry and plants are heaved up by the frost.

A Sure Trap.

An Indiana farmer vouches for the trap shown in the accompanying illustration here reproduced from the Ohio Farmer.



A RABBIT TRAP. Make a hole in the back end. The illustration shows the trap when set; 1 is a sliding door that falls down; 2, the standard or support for the connecting stick, 3, which connects the trigger, 4, with falling door, 1; 5 is the bait and 6 the entrance.

TO THE SWEDISH AMERICANS

Eric Johnson Writes of the Patriotism of the Sons of the North.

EDITOR OF THE INDEPENDENT:

The Swedish-American citizens of the United States have a creditable, yes, a glorious political record. It has been in perfect harmony with a brilliant national history on the other side of the Atlantic, characterized for love of honor, truth and liberty.

In the year 1846 commenced the Swedish immigration to the great west. Illinois and Iowa became the first resting place for these modern Vikings.

Like the bulk of the foreign born population of that date, these Swedish voters allied themselves to the democratic party, because of the foreign immigrant who had forsaken Fatherland on account of political and religious oppression to find freedom of thought and liberty in America, naturally was attracted to a party that represented the democratic principles of Thomas Jefferson and Andrew Jackson, besides at that date the democratic party was recognized as the "poor man's party."

The writer of this article was then a lad of 10 years, but distinctly remembers how the hundred Swedish voters or more, constituting the community in which he resided at the election, in 1848, waded through 18 inches of snow to cast their virginian vote for Lewis Cass, the democratic candidate for president.

In 1852 the Swedish American voters in the U. S. cast their vote for Franklin Pierce, the democratic standard bearer in that campaign. But in 1856 the Swedish American voters changed front and to a man cast their vote for Fremont and the republican ticket, and from that time until a decade ago there has been no more loyal and enthusiastic supporters of the republican party than the Swedish-American elements that from 1860 made the states of Illinois, Minnesota, Iowa, Kansas and Nebraska always reliably republican.

Who will deny that the above political record has reflected great honor and credit on this people, and in harmony with national characteristics. Their first political affiliation with the democratic party was the best they could have done at that time. The change of front in 1856 was alike honorable and creditable. It showed that they placed principle and the welfare of their adopted country above party fealty.

The Swedish American citizen has reached another crisis—another turning point in his political history. Will he measure up to the occasion, and by a united action at this time, reflect credit and lustre upon his national character? What political crisis confronts the Swedish-American citizen to-day in common with every other patriotic citizen of the United States?

The campaign of 1896 produced an unheard of freak in politics; a national party in solemn convention assembled made a complete "summer-sault" or in military parlance "right about faced" upon the burning issue of the day.

The time is now here when Swedish American nationality can add even a brighter luster to its fame and record by following the example set in 1856 by coming out of a party that has basely betrayed its trust, and as one man ally themselves with the union forces that are now fighting the common enemy of our country under the banner of McKinley, republicanism and Cleveland democracy.

Men of prominence, leaders of moral

and religious thought, and the public press among our people, who place themselves as hindrances in the way of political reform by misleading the confiding and less informed upon political questions, are assuming grave responsibilities that will and must be met at the hands of an awakened and enlightened public.

Passing from national to state affairs it does not seem possible that our intelligent and conscientious sons of the High North can either defend or support the republican party of Nebraska.

After twenty-five years of absolute control of the state it is ousted out of power and leaves behind it such a trail of dishonor and corruption in every branch of the government, that pales even the scandals of the Boss Tweed regime of New York City.

Nevertheless the same republican machine, with the same corrupt men at the helm, has the gall to expect the rank and file of the republican voters to cast a vote of confidence and approval upon a party so void of honor and worth.

For the Swedish-American voters of Nebraska to cast their vote for the republican ticket at the coming election would be a disgrace, and reflect dishonor upon the hitherto fair name of our nationality.

Even they who intend and expect to remain republicans in the future, it is their duty and best policy for the future good of the party, to aid in its defeat at the coming election, and administer a merited rebuke, which will enable the party to unload parasites that have fastened themselves upon it, for in no other way can the party become worthy of receiving honest men's votes.

In such a case we have precedence: In 1860 the counties of Knox, Henry, Bureau, Stark and Peoria constituted a congressional district in the state of Illinois. In this district the Swedish-American element largely predominated and more than held the balance of power.

The district was represented in congress by Hon. E. C. Ingersoll, who in 1868 was elected by over 8,000 majority. But he formed a corrupt combination with the whiskey ring of Peoria, that became a stench to the nostrils of honest men.

The Swedish-American voters, in alliance with the reform element inside the republican party, revolted in 1870 and elected a democrat to congress by a majority of 1600. This did not make democrats of the republicans who defeated their own party for its own good but at the next election the district gave its usual republican majority.

Likewise the only hope of the republican party in Nebraska is for the better element inside the party to combine with the reform forces and hurl it entirely from power, then afterwards to reorganize the party from top to bottom and place only pure and honest men to the front.

The new and purified republican party would then be ready and in shape to take advantage, if perchance, the reform party should fall from grace and drift into the precincts of the old republican party.

Fellow countrymen, let us rise above party prejudice and on the 2nd of November next cast our ballots in a solid phalanx for the honor and credit of our commonwealth—the great state of Nebraska—and thereby shed new honors and lustre upon the good name of the Swedish-American elements in this state.

THE PRAIRIE STATES.

Mr. Mulhally tells in The North American Review that "the prairie states are the special home of agriculture in the new world. They produce more than two-thirds of the grain and possess nearly half of the live stock of the Union."

Other items of interest from the same source are as follows: A comparison of statistics proves that 3 prairie farmers possess as much wealth as 4 French, 6 German or 13 Austrian farmers, while their taxes are much lighter and they are free from military service.

The means of transportation also in this section are incomparably superior to those enjoyed in Europe.

Mortgages represent but one-seventh of the value of real estate, a proportion smaller than that borne in the eastern states. The only state heavily mortgaged is Kansas, where the ratio is 25 per cent of the value of real estate. In Ohio, the most lightly mortgaged, the ratio is only 10 per cent.

Harvesting Potatoes.

The general rule is to harvest potatoes as soon as the vines are dead. In localities where rot prevails the practice is to dig as soon as practicable after the discovery is made.

Some authorities remove and burn the vines previous to digging the potatoes so that the spores on the vines will not come in contact with the tubers.

As soon as the harvested potatoes are thoroughly dry, store in a cool, dry place where there is a good circulation of air.

It is believed that air slaked lime dusted over the freshly harvested potatoes has a tendency to stop the rot.

THE DEFICIT.

At the close of business Oct. 30th, the last business day for the month, the deficit in the national treasury for the month was \$9,329,365 or \$1,019,125 greater than the deficit for the same month last year.

The total receipts for the month were \$34,236,370, while for Oct. 1896, they were \$25,327,072.

Of the receipts \$9,714,493 was received from customs, compared to \$10,478,520 for last year. The total expenditures for the month were \$33,117,000 as compared with \$33,650,000 for October, 1896.

When bilious or constive, eat a Cascara Sassa cathartic, pure guaranteed, 10c, 25c. If you owe on subscription, take one of our receipts for the amount. Pay up!

ERIC JOHNSON.

Winter Competition in Celery.

The winter market at the north and east has seriously felt the competition of celery grown in Florida during the past two or three winters and especially last winter. The enormous profits realized by some of the first celery growers of Florida at once attracted the attention of the keen market gardeners in California.

Management of Late Cabbage.

"There is nothing better than frequent cultivation of cabbage to make them grow. Every time the soil is stirred, especially in warm, wet weather, there is a liberation of plant food."

News and Notes.

It is claimed that Manitoba's wheat crop is the largest in the history of the northwest.

If the celery blights, spray with a solution of sulphate of copper, one ounce to eight gallons of water.

Professor Smith of the New Jersey station says a pound of paris green to 75 gallons of water is safe and will surely kill the cabbage worms if sprayed on at the right time.

There is a shortage in the commercial onion crop.

"The largest class of new students in our history" is the tenor of reports coming from many of the agricultural colleges.

Taken together, the states will make a low average for corn.

One authority claims that a crop of turnips plowed in is of considerably more value as a fertilizer than a crop of clover.

Low downs farm wagons are labor saving. The low wheels make loading comparatively easy, and the broad tires prevent cutting into the ground and making deep ruts.

Non Gammin, one of the players on the University of Georgia football team died from injuries received in a game between that team and the team from the University of Virginia played at Atlanta, Ga., Oct. 30th.

J. W. Smith and his son, the well known Lincoln grocery men, were held up by robbers Saturday evening. Mr. Smith was struck upon the head and bruised in several places.

The Hon. Edward Rosewater has another scalp attached to his belt. Hon. Dion Geraldine has been forced to resign his position as superintendent of the Trans Mississippi exposition.

The Nebraska state university football team won the first game of the championship series. The game was played in Lincoln with the Missouri Tigers, and the Nebraska boys won with a score of 41 to 0.

The registration in Lincoln this fall is nearly as large as the registration last time. It is 5,579 against 5,647 two years ago. This would indicate a large vote in the city.

Liver Ills Like biliousness, dyspepsia, headache, constipation, sour stomach, indigestion are promptly cured by Hood's Pills. They do their work easily and thoroughly.

Hood's Pills

PRACTICE LIMITED TO DISEASES OF THE Eye, Ear, Nose and Throat DR. S. E. COOK, 1215 O ST., Lincoln, Nebr.

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Homeseekers' Excursion. Via Burlington route, Nov. 2 and 16, December 7 and 21 the Burlington will sell round trip tickets at one fare plus \$2 to all points in Arkansas, Indian Territory, Oklahoma, and Texas, and certain points in Louisiana, Missouri, and New Mexico.

When you write to your friends who are coming west to visit you, just add a postscript like this: "Be sure and take the Burlington Route. It's quite safe in doing this because our service from Chicago, Peoria, St. Louis, and Kansas City, in fact all eastern, southeastern, and southern cities is just as good as our service to those points. And that as everyone who is acquainted with it will testify, is the best there is."

G. W. BONNELL, C. P. & T. A. LINCOLN, NEB.

TO Colorado and California TAKE THE C. R. I. & P. RY. GREAT ROCK ISLAND ROUTE. It is the BEST LINE for COLORADO TOURISTS or for an outing in the Rockies.

Christian Endeavorers REMEMBER THIS IS THE SCENIC ROUTE TO CALIFORNIA. Handsome established passenger dining hall particularly so to cabin, etc., rest from an applicable. Admission JOHN REBASTIAN, G. P. & A. CHICAGO.

FAST TIME THROUGH OARS. To Omaha, Chicago and points in Iowa and Illinois, the UNION PACIFIC in connection with the C. & N. W. RY. offers the best service and the fastest time. Call or write to me for time cards, rates, etc. E. B. STANLEY, Gen. Ag.