

AGRICULTURAL.

THE DEPARTMENT OF THE AGRICULTURE is under the editorial charge of O. B. FURNAS, President of the Nebraska State Board of Agriculture.

Nebraska Arbor Day. At the last meeting of the Nebraska State Board of Agriculture held at Lincoln, Jan. 3, 1872, the following, among other resolutions, were adopted:

Resolved, That Wednesday, the 19th day of April 1872, be, and the same is hereby declared to be, a day of Arbor Day for the planting in the State of Nebraska, and the State Board of Agriculture hereby name "ARBOR DAY," and urge upon the people of the State the vital importance of the planting, hereby offering a "Special Premium" of one hundred dollars to the "Special Agricultural Society" of that county, in Nebraska, which shall upon that day plant, properly the largest number of trees, and the "Library of Twenty-five Dollars" worth of books to that person who on that day shall plant most profusely in Nebraska the greatest number of trees.

Resolved, That the newspapers of this State be requested by the State Board of Agriculture, to keep the resolution in regard to Arbor Day, for the planting, standing in their columns until April 19th next, and call the especial attention of the people to the importance of the matter from time to time.

Rules and Regulations of the Nebraska State Board of Agriculture, for the Organization and Management of Co. Societies.

The following Rules and Regulations are recommended:

I. The Board of Directors for the management of County Societies shall consist of a President, Vice President, Treasurer, Secretary, and not less than four managers; to be elected at such time in each year as the Societies shall determine in their constitution or by-laws. The President and Vice President shall hold their offices for one year, and the managers for two years, and until their successors shall be duly elected.

The managers at their first meeting after the first election held in pursuance of this rule, shall be divided by lot, as near as may be, into two classes; the terms of office shall expire, of the first class, in one year, and of the second class in two years, so that one-half of the managers may be annually chosen thereafter.

II. The Board of Directors shall elect a Treasurer and Secretary, who shall hold their offices for one year, and until their successors are elected.

III. Members of the Society must be residents of the County, and must annually pay the sum of one dollar to the Treasurer.

IV. The Treasurer shall keep a list of the members of the Society, so that he may be able to report to the State Board the number of members each year, and so that it may be ascertained who are entitled to vote for officers.

V. County Societies may open their premium lists to all persons, without restriction, except on field crops, which shall be confined to the county.

VI. Competitors for premiums, residents of the county, must be members of the Society.

VII. All articles offered for premiums must be owned by the person offering the same, or by some member of his or her family.

VIII. Awarding committees must comply with the provisions of the law requiring competitors for premiums on crops and other improvements to furnish full and accurate statements of the process, expense of culture, production, etc.

IX. Competitors for premiums on crops shall be required to have the ground and its products accurately measured, and satisfactory proof, under oath, must be furnished by the competitor.

The following Rules and Regulations are obligatory:

X. Each Society shall have prepared an annual report, and shall present the same to the State Board of Agriculture, on or before the January meeting of said Board, as prescribed in the 5th Section of the code in relation to County Boards of Agriculture.

XI. Said report shall contain the following:

- 1. A list of premiums awarded at the previous annual fair.
2. A copy of the published abstract of the Treasurer's account, as the same was published, in conformity with the above named law.
3. All statements of competitors for premiums on crops or other improvements in agriculture, detailing mode of tillage, etc.
4. A general account of the proceedings of the Society; the number of its members, and the prospects of its progress and usefulness.
5. A statement of the principal crops raised in the county; an estimate of the amount of each raised; the average yield per acre; the striking characteristics of the previous season; the names of the destructive insects which have injured crops; and such other facts as will tend to give a full view of the state of agriculture in each county so that the same may be embodied in the succeeding annual report, made by the State Board to the legislature.
6. The Secretary of every County Agricultural Society which receives money from the County Treasury, shall cause the official proceedings of the Society to be published in some newspaper of general circulation in the county.

The Treasurer of every County Agricultural Society which receives money from the County Treasury, shall annually file with the County Clerk of his County, a detailed statement showing the receipts and disbursements of the Society for the preceding year; and until such report is so filed, no money shall be paid out of any County Treasury to any Society which may neglect or refuse to file such report.

For further particulars in relation to County Societies, and the State Board of Agriculture, see Chapter I, part one, Revised Statutes of Nebraska, and to amend the same, approved Feb. 15, 1869.

ROBERT W. FURNAS, Pres. St. Bd. Ag. DANIEL H. WHEELER, Sec'y St. Bd. Ag.

"Was the Roman matron whose sons were few, a mother of pearls? No, my child, the Gracchi were Corvilius."

An Act to Encourage the Growth of Timber on Western Prairies.

We are indebted to Nebraska's indefatigable Senator, P. Hitchcock, for a copy of a bill he has introduced into the United States Senate, bearing the above title. The object to be accomplished is of the utmost importance to the great and growing west. The Bill provides that any person who shall plant, protect, and keep in a healthy, growing condition for five years, one hundred and twenty acres of timber, the trees thereon not being more than eight feet apart each way, on any quarter section of any of the public lands of the United States, shall be entitled to a patent for the whole of said quarter section. We think the Senator makes a mistake in the number of acres of land required to be planted, which he will see in moments reflection. First, it will be cheaper to purchase the land than to plant that number of trees. Second, that would be a more proportionate amount of timber land than the west needs. It leaves the recipient with only forty acres for Agricultural purposes. To reverse the proportions would, in our opinion, be much better, and more likely to secure the desired object.

We think it would be wise on the part of Congress, and but just to the West, to amend the present Homestead law, requiring each homesteader to plant and properly care for, a certain number of acres of timber each year, for say five years, and until entirely well grown, and then to give the land to the party desiring the land, and in the end, more certainly secure the grand object: planting timber. Say five acres a year for five years. This would give all the timber really needed, and would meet the desideratum, climatic effect.

To H. S. SEYMOUR, Governor of Oregon, through the kindness of Genl. Alford, formerly of Nebraska, now of Washington City, we are indebted for a good supply of the "White Australian Spring Wheat," grown in Oregon, and by order, has been distributed by the Agricultural Department.

To the U. S. Commissioner of Agriculture. We are indebted for valuable favors. We have received several of forty-four varieties of the recently imported Russian Apples. They have been grubbed with great care, and will be for gratuitous distribution among the fruit growers of Nebraska, as soon as we can produce new seedlings.

We have also received from the same source, a few plants each of seven different varieties of the Department's seedling Strawberries. If we succeed in their cultivation, these will also be for distribution in due time.

The Commissioner will also accept thanks for providing us with the means of sending to China. The Tea plants were received in order, and are in good growing condition.

The Nebraska Farmer. We have before us the prospectus of a new agricultural paper, bearing the above title, to be published in Lincoln, and to be edited and published by our old friend and colleague, A. DEWEY. We like the idea of an Agricultural paper, the name and publisher. But we do not like the feature of its being monthly. We in Nebraska want a weekly agricultural paper, and it seems to us there is a grand opening. A weekly paper conducted with a hearty and liberal support from both the State Board of Agriculture and the State Horticultural Society, as well as from every friend of agriculture in the State. We repeat, there is a good opening for a live, devoted and only conducted agricultural journal in Nebraska. Such a journal could be established—put on its feet, and be able to stand alone, in a very short while. Free from local or political contentions, its benefit to the State at large would be incalculable. Bro. Dewey, make your paper weekly, and "strike out" from both shoulders. The agricultural element of the State, will rally around you, under such circumstances.

Geop Culture in Los Angeles County, California. Good grape land here costs from \$10 to \$25 per acre. When the latter price is given, the land has facilities for irrigation. At present many think irrigation unnecessary in new vineyards, but vines accustomed to it can not safely dispense with it. In planting a vineyard, the land is plowed at least eighteen inches deep, and a hole made with a crowbar, into which the cutting is slipped. The Mission grape is giving place to foreign varieties, cuttings of which have to be purchased as prices vary from \$5 to \$10 per thousand. They are planted in February or March, and when irrigation is considered necessary, the water is turned on both before and after planting. The vines are about six feet apart, or at the rate of a thousand to an acre. Flowing the first year costs about \$5 per acre; after that, a light surface plowing, to keep down the weeds, is all that is required, and cost about \$1.50 per acre. Water for irrigating costs about \$5 yearly. Pruning, per acre, costs about \$1 the first year, \$2 the second, and \$1 a year when the vines are in full bearing. This work is done chiefly by Indians or Mexicans. At the end of three years the yield may be estimated at five pounds of grapes to the vine; at four years eight pounds; and at five years, twelve pounds or upward. The whole cost of an acre of grapes—including price of land, cuttings, water, and cultivation, up to the time they commence bearing—may be limited not to exceed \$36. The yearly expense after this, without counting the cost of gathering and sending to market, would be only about \$10 per acre. The manufacturers of wine in Los Angeles are willing to buy all the grapes they can get. The price ranges from 95 cents to \$1 per 100 pounds. This would give the price of an acre of grapes as ranging from \$21.24, and upward. When made into wine, they would be worth \$30 or \$20, taking the lowest price paid for the grapes, the profit per acre, after paying for cultivating, gathering and hauling to market, can not be less than \$20. It is seldom that a piece of land producing nothing but grapes is sold, and therefore we have but little in the way of actual sales from which to form an opinion relative to the price of an acre of vineyard in full bearing. But we can derive our conclusions from another source equally

trustworthy. A hundred dollars will bring their owner, in the way of interest, from \$2 to \$18 annually. From this we may conclude that an acre of grapes that brings in over a profit of \$20 yearly is worth \$300—a good return for the \$36 originally invested.—Overland Monthly for November.

KNOX FRUIT FARM NURSERY. Fruits, Flowers, Seeds.

OUR CATALOGUE of Small Fruits, including Raspberries, Blackberries, Currants, and other varieties, is now ready for distribution. Our CATALOGUE of Apples and other fruits is also ready for distribution. Our CATALOGUE of Flower Seeds, including Roses, Peonies, and other varieties, is also ready for distribution.

BROWNVILLE NURSERY. Brownville Nebraska. C. M. Kauffman, PROPRIETOR.

NEBRASKA GROWN Fruit Trees! NEBRASKA ORCHARDS!

Thoroughly Tested, Well Known Hardy, Western Varieties Fruits. Russian Apples, Iron Clad apples, Siberian Crab Apples, Specialties.

Osage Orange and Honey Locust Hedge Plants.

FOREST TREE SEEDLINGS BY THE MILLION.

Furnas & Sons BROWNVILLE, NEB.

THE NATIONAL BANK OF BROWNVILLE, NEBRASKA.

PINE LUMBER BY THE CITY, HEFT 100.

THE FLORENCE IS A LOCK STITCH Family Sewing Machine.

WIRE SPRINGS, WIRE COILS, LOVERS OR BUNK BEDS.

WARRANTED TO LAST A LIFE-TIME!

THE FLORENCE RUNS LIGHT AND COMPARATIVELY NOISELESS.

Over 90,000 in Use. Wm. E. PLANT, Gen'l Agent, 214 North Fifth Street, ST. LOUIS, MO. DUNN & HAYS, Agents, BROWNVILLE, NEBRASKA.

Burlington & Missouri River R. R. IN NEBRASKA. PASSENGER AND MIXED TRAINS, RUNNING BETWEEN Plattsmouth and Lincoln.

WESTWARD. STATIONS: Plattsmouth, Kearney, Grand Island, Hastings, Fremont, Omaha, Council Bluffs, Des Moines, St. Joseph, St. Louis, Kansas City, St. Paul, Chicago.

EASTWARD. STATIONS: St. Louis, Kansas City, St. Joseph, Omaha, Fremont, Hastings, Grand Island, Kearney, Plattsmouth.

GOING NORTH. STATIONS: Plattsmouth, Kearney, Grand Island, Hastings, Fremont, Omaha, Council Bluffs, Des Moines, St. Joseph, St. Louis, Kansas City, St. Paul, Chicago.

GOING SOUTH. STATIONS: St. Louis, Kansas City, St. Joseph, Omaha, Fremont, Hastings, Grand Island, Kearney, Plattsmouth.

Great Through Passenger Route. HANNIBAL & ST. JOE. Council Bluffs R. R. Line.

TWO FAST EXPRESS TRAINS. BROWNVILLE TO QUINCY.

Buy Your Through Tickets Via St. Joe and Quincy.

Kansas Pacific Railway. Short, Favorite and Only ALL RAIL ROUTE.

THE FLORENCE IS A LOCK STITCH Family Sewing Machine.

WIRE SPRINGS, WIRE COILS, LOVERS OR BUNK BEDS.

WARRANTED TO LAST A LIFE-TIME!

THE FLORENCE RUNS LIGHT AND COMPARATIVELY NOISELESS.

Over 90,000 in Use. Wm. E. PLANT, Gen'l Agent, 214 North Fifth Street, ST. LOUIS, MO. DUNN & HAYS, Agents, BROWNVILLE, NEBRASKA.

Plant Shade Trees! 10,000 NURSERY RAISED. MAPLE, SUITABLE SIZE FOR SIDE WALKS.

PARKER'S SHOT GUN. BEST IN THE WORLD.

FRESH GARDEN, FLOWER, TREE and Herb Seeds, Prepared by Mail.

B. M. WATSON, Old Colony Nurseries and Seed Warehouse.

W. A. POLOCK, Grocer, Confectioner and Stationer.

GEO. DAUGHERTY, PROPRIETOR UNION HOTEL.

New York One Price Clothing and Furnishing Goods House.

J. S. HETZEL, No. 70 Main Street, - - Brownville, Nebraska.

SWAN & BROTHER, Wholesale and Retail Dealers in Groceries, Provisions & Queensware.

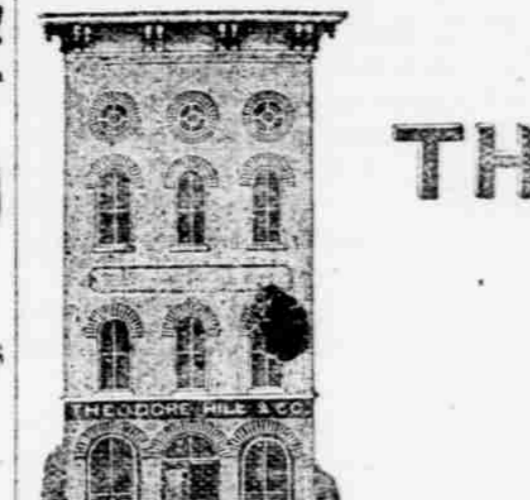
THE FLORENCE IS A LOCK STITCH Family Sewing Machine.

WIRE SPRINGS, WIRE COILS, LOVERS OR BUNK BEDS.

WARRANTED TO LAST A LIFE-TIME!

THE FLORENCE RUNS LIGHT AND COMPARATIVELY NOISELESS.

Over 90,000 in Use. Wm. E. PLANT, Gen'l Agent, 214 North Fifth Street, ST. LOUIS, MO. DUNN & HAYS, Agents, BROWNVILLE, NEBRASKA.



THEODORE HILL & CO., Wholesale and Retail DEALERS IN DRY GOODS!

CARPETS, OIL CLOTHS AND MATTINGS.

McPHERSON BLOCK, No. 76 MAIN ST., BROWNVILLE, NEB.

We have the Largest Stock, and make the Lowest Prices.

W. A. POLOCK, Grocer, Confectioner and Stationer.

GEO. DAUGHERTY, PROPRIETOR UNION HOTEL.

New York One Price Clothing and Furnishing Goods House.

J. S. HETZEL, No. 70 Main Street, - - Brownville, Nebraska.

SWAN & BROTHER, Wholesale and Retail Dealers in Groceries, Provisions & Queensware.

THE FLORENCE IS A LOCK STITCH Family Sewing Machine.

WIRE SPRINGS, WIRE COILS, LOVERS OR BUNK BEDS.

WARRANTED TO LAST A LIFE-TIME!

THE FLORENCE RUNS LIGHT AND COMPARATIVELY NOISELESS.

Over 90,000 in Use. Wm. E. PLANT, Gen'l Agent, 214 North Fifth Street, ST. LOUIS, MO. DUNN & HAYS, Agents, BROWNVILLE, NEBRASKA.

THEODORE HILL & CO., Wholesale and Retail DEALERS IN DRY GOODS!

CARPETS, OIL CLOTHS AND MATTINGS.

McPHERSON BLOCK, No. 76 MAIN ST., BROWNVILLE, NEB.

We have the Largest Stock, and make the Lowest Prices.

W. A. POLOCK, Grocer, Confectioner and Stationer.

GEO. DAUGHERTY, PROPRIETOR UNION HOTEL.

New York One Price Clothing and Furnishing Goods House.

J. S. HETZEL, No. 70 Main Street, - - Brownville, Nebraska.

SWAN & BROTHER, Wholesale and Retail Dealers in Groceries, Provisions & Queensware.

THE FLORENCE IS A LOCK STITCH Family Sewing Machine.

WIRE SPRINGS, WIRE COILS, LOVERS OR BUNK BEDS.

WARRANTED TO LAST A LIFE-TIME!

THE FLORENCE RUNS LIGHT AND COMPARATIVELY NOISELESS.

Over 90,000 in Use. Wm. E. PLANT, Gen'l Agent, 214 North Fifth Street, ST. LOUIS, MO. DUNN & HAYS, Agents, BROWNVILLE, NEBRASKA.

Improved Breeds Fowls!

1866. 1871. OPEN TO THE WORLD

FOR COMPETITION! F. A. TISDEL, JR., & CO.

Can and will sell you all kinds of Implements cheaper than any other house in Nebraska.

We sell the STUDEBAKER AND WHITE WATER WAGONS, AND BUGGIES OF ALL KINDS.

We sell the Runner Cultivator, Garden City Clipper Plow PEKIN TWO AND THREE HORSE PLOWS SMITH'S Cast Cast-Steel PLOWS, EXCELSION and GANG PLOWS PRINCETON IRON-BEAM PLOWS. ALL KINDS OF CORN PLOWS.

We keep for sale THE BUCKEYE



Also the



BUCKEYE MOWER! IMPROVED FOR 1871. Most Durable and Lightest Machines Made.

If you want anything, come and ask for it. WE KEEP NOTHING BUT FIRST CLASS GOODS, AND GUARANTEE ALL OUR GOODS TO BE AS RECOMMENDED. A full Supply of Extras always on Hand!