Nebraska Advertiser.

AGRICULTURAL.

R. W. FURNAS, Editor.

THURSDAY, JANUARY 27, 1870.

CORN AND POTATOES FOR FEED.

A writer in the *Hearth and Home*, making calculations as to the comparative value of corn and potatoes for feeding purposes, concludes that one bushel of corn is worth four of potatoes; that the corn possesses eighty per cent of nutritive matter, and the potatoes but twenty-seven per cent. The writer does not state whether he calculates the potato raw or cooked. Raw, we presume. We think he makes the difference too great. The per cent. of raw potatoes is, perhaps, not far out of the way. We doubt, however, if corn is entitled to the credit of eighty per cent. Cooked potatoes contain a greater per cent. of nutriment than twenty-seven, and no one should feed raw potatoes. We fed cooked potatoes liberally the past fall, and was well pleased with the result. We think that in cooked potatoes, with a fair proportion of corn meal mixed, there is but little, if any, difference betwen such feed and corn.

We are glad to see that "Agricultural Departments in newspapers are getting quite fashionable in all parts of the country. We mean that more than ordinary attention is being paid to this feature of the local newspaper. From "time immemorial" many local papers have had a column or two selected matter under the head "Agricultural." But of late somebody has charge of these columns, and friends and patrons write—furnish original matter peculiar to the immediate locality. This is as it should be, and we are not sure but that if all local papers would adopt this plan, that more good would grow out of it than from papers exclusively agricultural. We do not wish to be understood as disparaging agricultural papers by any means. The world would retrograde without them. We mean to say, however, that we think that if every local paper in the land—especially in the west—would establish and keep up a *live* "Agricultural Department," it would pay both publisher and people.

The *Fremont Times*, Hamburg, Iowa, has added, "*and Western Farmer*" to its name, and a page is devoted to agricultural matter. The *Times*, in its present shape is a very valuable paper.

FAVORS RECEIVED.

—We acknowledge ourself under many—very many—obligations to the "Massachusetts Horticultural Society" for a silver medal awarded us for a collection of Nebraska fruits sent after our Fair last fall. The fruits sent was a collection made up from those raised on the farm of John Q. A. Smith, Hiram Alderman, W. G. Glasgow, A. T. D. Hughes, E. Lyanna and Mrs. Loveless, of this county, and J. H. Masters, J. S. Morton and J. H. Shephard of Otoe county. To these gentlemen belong the credit of producing this fine fruit. We forwarded it as a Nebraska collection, and feel very much gratified at the result. The Secretary, E. W. Buswell, in transmitting, says:

"I take pleasure in sending you by this mail our Medal awarded last fall for the fine fruits you were so good as to send us, and we so fortunate as to receive. I hope that our intercourse is but just begun, and that we will see you here at our next meeting."

—Perry Walker, a prominent and successful fruit grower of Cass county, has placed us under obligations to him for a box of superb specimens of apples from his orchard. We have seen no specimens more perfect in all their characteristics. The Rawle's Jannett, Little Red Romanite, Limber Twig and Wine Sap, are *models*. Mr. Walker is the producer of the huge Sweet Paradise now in the museum of the Agricultural Department at Washington.

—To Charley McPherson we are indebted for a nice specimen of a young "Century Plant." It is now about a year old. This plant is said to bloom once in a hundred years. We shall look forward with a great deal of anxiety to the blooming time of ours—*ninety-nine years from now.*

—Black Norway Oats.—D. W. Ramsdell & Co., of St. Louis, have sent us a bushel of the noted Norway Oats. Mr. Evan Worthing of this place, produce dealer, subjected a sample of this oat to the 'grain tester,' and finds it to weigh thirty-eight pounds to the bushel. We will give it a trial. If half said of these oats is true, it is a superior variety. Ramsdell & Co. desire us to receive orders for this oat. We will forward orders for those desiring to test the grain. It will be sent by express, C. O. D.

—Some one, whose name we do not know, has kindly sent us a package of seeds from New York. The package has the card of the "New York Fruit Growers' Club" on it. Thanks.

—Dr. Graff, who is now in Washington, sends us a package of the "New Joint Corn." Said to "produce from eight to ten ears to each stock, or two hundred bushels to the acre." "We shall see what we shall see." Will plant, and try it.

The "Jefferson County woolen manufacturing company has recently been organized at Little Blue. The following resolutions were submitted and adopted:

Resolved, That in view of the advantages which we now have, of pasturage for sheep, and the magnificient water power now in our possession, that we heartily approve of the organization of a Woolen Manufacturing company at this place, and pledge our uniform support to such enterprise. And further

Resolved, That this company be known and called by the name of Jefferson County Woolen Manufacturing Company.

The following names were subscribed as members: Abner Baker, D. C. Jenkins, Mark J. Kelly, H. D. Merrill, Robert Crinklaw, G. H. Sherman, E. F. Shatzer, Morgan Crane and T. J. McNair.

PROCEEDINGS

Of the Nebraska State Horticultural Society, Semi-Annual Meeting, held at Brownville, Commencing January 5th, 1870.

[*Concluded from last week.*]

EVENING SESSION.

The President called to order and announced that we would first take under consideration Pears.

Easter Beurre.—Mr. Masters has cultivated it; has had considerable experience in Pear culture, Dwarf and Standard. This variety has fruited with him for several years; tree hardy; fruit good, and with care will keep till March.

The specimens tested were decided very fine.

Beurre d Anjou.—Mr. Masters has it Dwarf; not very early in bearing; tree healthy and vigorous grower.

Mr. Scott—Used to think himself a judge of Pears; had not had much experience for a few years past. This specimen he thought fine—better than Easter Beurre.

Vicar of Winkfield.—Mr. Masters—One of our very best trees and fruit for winter; have not fruited it as Standard; is an excellent cooking Pear; was six years coming to bearing as Dwarf.

Mr. Beaver—Has not yet fruited with him; young trees look well and are hardy.

A specimen of Pear here presented by Mr. Bratton for name. He purchased the tree for Duchess de Angouleme; tree is vigorous grower and prolific. Fruit is small; color rich yellow; flesh solid and juicy.

Mr. Masters had not seen it before; could not name it; liked the taste and appearance.

Mr. Furnas has given attention to Pear culture, and has been successful. Has fruited for six years past as Dwarf, Flemish Beauty, White Doynne Buffum, Duchess de Angouleme Louis, Beûrre Diel Glout Morceau, Seckel, and others; have faith in "Pear culture for profit;" has over three hundred trees growing; will plant out one thousand more in spring.

Raspberries.—Mr. Aldrich had cultivated the common wild varieties found growing in Nebraska with great success; finds the quality improved by cultivation; the variety is of the Black Cap order; finds the cultivation profitable and recommends it; presented specimens dried which were decided fine.

Gooseberries.—Mr. Furnas has given considerable attention to this Small Fruit. Houghton is prolific, hardy and profitable; Roy Roy and Cottage Girl have done well; has now growing, from the Knox Fruit Farm, Pittsburgh, Independent, Crown, Brown Soil, Green Vale, Sir Harry, Warrington, Jubilee, Rover, White Smith, Highwayman, Ostrich, Stewart, and Downings' Seedling.

Mr. Bratton has had good success with Gooseberries. Has an English variety, for which he has no name; is oblong in shape; fine berry and great grower.

Grapes.—Mr. Masters had not had much experience except with the older varieties, Catawba and Isabella. Thought this country adopted to grape growing, especially on high grounds.

Mr. Bratton had grown the Catawba, Isabella and Concord very successfully; found the two former a little tender.

Mr. Furnas—Is said by his neighbors to have "Grape on the brain." Has been growing grapes in Nebraska for fourteen years. Finds Concord, Clinton, Delaware, Ives' Hartford Prolific, Norton's Virginia, Iona and Israella perfectly hardy. Is growing the Martha, Walter, Rogers' and Arnold's Hybrids Eumelan and Creveling, and finds vines perfectly hardy; has not yet fruited them. Has found the Isabella and Catawba both inclined to be tender, and need winter covering. Believes the bluff lands in Nebraska admirably adapted to Grape culture.

Cherries.—All present were of the opinion that the Early Richmond was about the only valuable variety for this region.

Currants.—But few have tried other varieties than the Red and White Dutch. They are hardy, prolific, and do well.

The Society here indulged in a general and desultory conversation on the subject of timber planting; timber belts for protection of orchards, and tree planting in general.

Mr. Daily—Had not much experience in tree planting, but what he had warranted him him in advocating planting trees as protection to young orchards.

Mr. Walker—Brought ten thousand fruit trees to Nebraska; sold most of them to those he thought more experienced in planting. Planted principally on Northern Slope. Since trees came into bearing, those less protected seemed to bear better than others more favored in these respects. Some trees he brought from Long Island had done well. Knew but little about transplanting. What he planted however, done well. Baldwin, Rhode Island, Greening, Early Harvest, Rambo, Northern Spy and Romanite have born well and given satisfaction. His neighbor, Mr. Griffing, had been successful in tree growing. His fruit trees were protected by timber belts.

Dr. McPherson has experimented to some extent in planting both Fruit and Forest trees. Thirteen years ago brought some thousand trees into this county and planted them. Some are growing and doing well. Those doing best were planted on the South side of a yellow locust timber belt on high ground. Thinks wind breaks have a decided influence on the climate. Those who have planted fruit trees in ourbluffs, have been well paid for their labor. Has found the Pear particularly healthy and prolific. Much of failure in tree planting is attributable to carlessness in planting and care after planting; trees and cattle will not grow together.

Dr. Holliday was on the "Platte Purchase," in Missouri, in an early day. All our fruit came from other counties where soil was more compact. Agrees with Dr. McPherson that success in fruit growing depends much on the soil. High locations are more favorable than low; in fact, bottom land is not to be relied on for fruit growing.

Mr. Scott finds that all he has tried, either Fruit or Forest trees, have done well, when well treated. Allowed oats sowed among some of his trees one season; will not permit it again. Is opposed to root pruning; it may bring the tree into earlier bearing, but will shorten the life of the tree.

Mr. Hollingshead attributes much of failures in Fruit tree planting to bad condition of trees when received; irresponsable tree peddlers; carless exposure of roots to wind and sun. Would advise early spring planting, and mulch plentifully; plant immediately after breaking up the ground, while it is fresh. This course and my experience will warrant ninetenths of the trees to grow. Peach trees in Pawnee county have borne well, particularly so an the high grounds. My orchard is a North-western slope. My trees are all healthy. Came to Nebraska in 1861. Settlers all told me could not raise fruit. Had perfect confidence from the start; planted and have been successful. All who have done likewise, have been well satisfied.

Mr. Daily said Mr. Sage, of Nemaha county, planted an orchard eight or ten years ago, on sod land next year after turning over, then cultivated until within two years. His orchard done well, and last year turned out a bountiful crop. His neighbor, Dr. Neal, had transplanted trees fourteen years old, and they did well; bore the second year from transplanting.

Mr. Hollingshead would set trees a rod apart, or double that distance and plant peach trees between. In this country trees need to be planted close together. Would prefer two year old trees to plant. Never stake trees I plant.

Mr. Furnas plants peach trees ten feet apart, and cuts out alternate trees as the space is required; apple trees he plants twenty feet apart and peach trees between each; the peach will be past its prime by the time the apple trees require the space; cuts out the peach and uses for fuel; finds peach wood excellent fuel. Plants grapes twelve and fourteen feet apart, and cultivates Currants, Gooseberries and Strawberries between, until space is required. Six and eight feet is too close for grapes. They will need all of twelve and fourteen feet in a very few years. Heads all fruit trees low, as near the ground as possible.

Mr. Scott asked how about pruning growing trees; don't we as a rule, prune too much?

Mr. Hollingshead seldom prunes after the tree is under way growing—only when limbs interfere, or shape of top goes unpardonably astray.

Mr. Masters is opposed to much pruning; thinks there has been too much of it done

Mr. Beaver would plant wind breaks first on the South; second on the west and third on the north.

Mr. Masters favors wind breaks as protection for orchards; ought not to be too close the trees however; in this way force of wind is broken before it reaches fruit trees, and does not interfere with free circulation of moderate breezes which are essential. Referred to Bayard Taylor's reference to two timber Islands; thinks our rains are on the increase, and thinks there is a reason for it which we ought to understand; thinks it is because we are planting trees; thinks rains follow belts of timber as well as water courses; thinks the fruit belt or season changes as seasons vary.

Mr. Wheeler wanted the narative of experience as to best sites for orchard planting. Much good will grow out of such information. If we could have had the information ten years ago, we can now give others, we would be wiser. Let us give others the benefit of our experience.

Hollingshead—On high, rolling, well drained ground; never low. North or North-west slope prefered.

Beaver finds more perfect trees on north slope; has his eye on an orchard thus situated numbering two hundred trees, all healthy and sound; highest point in the county; north slope; a man who two years ago would not plant a tree, now will plant all he can. He feels confident he will raise all the Peaches he wants in Richardson county.

Wheeler said best orchards in Cass slopes south and west; some breaks north and east. Mills county, Iowa, highest point of lands did best—sometimes best fruit. In Michigan he wanted east and south.

Masters said Drapers' orchard in Otoe county mostly south.

Wheeler said in valleys trees have not done well.

Daily has experience as to location; put out 200 on botton, 50 on high land. Only one or two trees were living on bottom; on high land great majority living and doing well.

Wheeler was satisfied high ground was best.

Mr. Masters—My own orchard is on high ground, sloping some in all directions; lost most trees on north slope. Peach orchard slopes Northeast; six years ago had a good crop of peaches; none at bottom of slope; increased to top of slope.

Scott planted three Baldwin trees in a creek bottom in 1861; gathered 27 bushels apples this season, and bore well last year. This about six feet above Missouri river bottom—improved.

Scott has fine luck with Pears.

Masters has good luck with Apricots.

Mr. Walker thinks we are not in the best fruit belt.

Mr. Masters will tell what fruit growers have done in his vicinity. Mr. Shephard had 3000 bushels apples, Armstrong had 150 bushels, Morton over 200, Draper 300, Masters had 800, Gillmore 200, everybody had more or less, Lowe 500, Redfield 150, Cassell, Harmon, Shellenberger, good bearing orchards. Apple crop worth $4000 this year.

Mr. Wheeler, of Cass, said Perry Walker had 2000 bushels apples; sold at $2 per bushel.

The Society did not get near through with business it should have transacted. It adjourned feeling that a good beginning had been made.

It was decided to hold a Horticultural Exhibition sometime next year, to be governed somewhat by the fruit prospects of the coming year; the time and place to be hereafter agreed upon by the Executive Board.

R. W. FURNAS, Secy.

We have taken a great deal of pains to furnish our readers with valuable and interesting agricultural matter. Especially we have spent no little time and pains to write up the doings of our State Horticultural Society and State Board of Agriculture in detail. These proceedings have been extensively copied, and the proper credit given. An instance occurs, however, in which the whole proceedings of the State Horticultural Society are appropriated without any credit whatever. We hope it was an oversight.

Vick's Floral Guide for 1870.—The first edition of one hundred and twenty thousand copies of Vick's Illustrated Catalogue of Seeds and Floral Guide, is published and ready to send out. It is elegantly printed on fine tinted paper, with about two hundred fine wood engravings of flowers and vegetables, and a beautiful colored plate—consisting of seven varieties of Phlox Drummondii, making a fine bouquet of Phloxes. It is the most beautiful, as well as the most instructive floral guide published, giving plain and thorough directions for the culture of flowers and vegetables. The Floral Guide is published for the benefit of his customers, to whom it is sent free without application, but will be forwarded to all who apply by mail, for ten cents, which is not half the cost. Address, James Vick, Rochester, N. Y.

American Entomologist.—The December and January number of this indispensible periodical is on our table. We peruse no publication with more pleasure and profit. The next issue will contain a steel plate likeness of the late Benj. D. Walsh, formerly the Senior Editor, and who was killed in November last by being run over by a railroad train at Rock Island. R. P. Studley & Co. publishers, 104 Olive-st., St. Louis.

Adrian A. Riddle, a stock breeder of Towanda, Ill., writing us on some business; under date, December 28, 1869, speaking of his fine swine, says: "I have sold the sire of my stock to E. Hartry, of Bloomington, Ill., for a Christmas wonder. He weighed *nine hundred and sixty-four pounds*, and netted *eight hundred and seventy-six pounds*. He was a hog of unanimously fine proportions."

"The Manufacturer and Builder," is the title of an illustrated monthly, thirty-two large quarto page publication, devoted to the practical interests of industrial progress, by Western & Co., 37 Park Row, New York. Every mechanic, especially builders, will be pleased with it. Specimen can be seen at this office. Terms, only $1,50 per annum.

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As
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is coming on
there are many
things you will find
at Shellenberber Bros.
which are absolute necessaries, both in family and out door economy. Among the many things you will there find, and which one or the other of our readers will need and can buy nowhere cheaper, and get as good an article, are the following: Sausage Griders and Stuffers, Cook and Parlor Stoves for Wood or Coal; a full stock of Table and Pocket Cutlery, from the most celebrated manufactories; Patent Corn Huskers; Post's Patent Club Skates, for Gents, Ladies or Boys; Guns, Pistols, and fixed and loose Ammunition; Fence Wire; Nails, and Builder's Furnishings of all kinds; Iron and Tools for Blacksmiths, all kinds; Carpenter's Tools; Home Washers and Wringers; Fairbanks, and other Scales; Patent Hay Knives; Shovels; Pitch Forks; Spades; Axes; Wagon and Carriage Wood Work; Halms; Wagon Springs; Sleigh Runners; Sleigh Bells; and everything you may want in their line.

As often heretofore said, we now repeat, we will take pleasure in receiving and forwarding orders to any of our advertising patrons.

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15th Year: 9 Greep Houses; 275 Acres devoted to the business—nearly one half of it covered with Nursery Stock.

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One year old Ives Seedling, $60 per 1000.
All other varieties at Catalogue prices.
Descriptive Catalogues, Nos. 1 and 2, 10c each.
Chestnut Circular and Trade List free.

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Parties Intending to purchase, Fruit Trees, Vines, &c., which shall be reliable in every respect, are requested to send to the subscribers, who offer a superior lot of

Standard and Dwarf Pear Trees,
together with Apple, Cherry, Peach and Plum Trees, Grape Vines, Shrubbery, etc., at low rates.

SPECIAL RATES to large planters and dealers. For further information please address

A. Clement & Co.,
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Fresh Garden, Flower, Fruit, Herb, Tree, Shrub and Evergreen Seeds, with directions for culture, prepaid by mail. The most complete and judicious assortment in the country. Agents wanted.

Twenty-five sorts of either for $1,00, prepaid by mail. Also Small Fruits, Plants, Bulbs, all the new Potatoes, &c., prepaid by mail. Four pounds Early Rose Potato, prepeid, for $1,00. Conover's Colossal Asparagus, $3 per 100; $25 per 1000, prepaid. New hardy fragrant everblooming Japan Honeysuckle, 50 cts. each, prepaid. True Cape Cod Cranberry, for upland or lowland culture, $1 per 100, with directions. Priced Catalogue to any address, gratis; also trade list. Seeds on Commission.

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Peach Trees!

A large stock of the best varieties for market or the Private Garden; handsomely grown and healthy. Prices low.

Address,
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AGRICULTURAL ADVERTISEMENTS
only, will be inserted on this page.
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The tree is a rapid grower, a sure bearer, and a long liver. The fruit is a bright red, very large, sweet, juicy and delicious; Keeps a long time; bears transportation well; and better than all, it is not subject to the attacks of curculio. It has proven a success wherever tried.

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APPLE TREES, one and two years old, for cheap and distant shipment.

APPLE SCIONS, from orchard trees during winter. Best western varieties.

GRAPE VINES, one and two years, very fine. Concord, Ives, Hartford, Clinton, etc.

EVERGREENS, small sizes for distant shipping, twice transplanted.

Address,
John Davis,
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Arnold's Hybrid Grapes.

A few strong two-year old plants of these valuable Grapes for sale this Fall, at $2 each; one plant each of the five varieties for $8.

Arnold's Hybrid Raspberries.—Yellow Canada and Arnold's Red, $5 per dozen.

"The only valuable true hybrid Raspberries ever raised in America." On receipt of $13 for the five Grapes and twelve of the Raspberries, I will send one plant extra of my new hybrid, **Orange King**, "the highest flavored, perfectly hardy, and most productive Raspberry ever offered to the American public."

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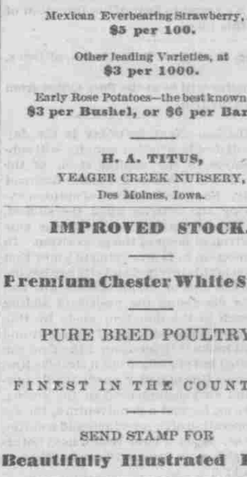

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