Agricultural Department.

R. W. FURNAS, EDITOR,
To whom all Communications on Agriculture should be addressed.

Friendly Legislation.

At the session of the Nebraska Legislature just closed, several acts were passed encouraging agricultural developments of the State. "An Act to encourage the growth of Timber, Fruit Trees and Hedges, provides to exempt from taxation of the real or personal property of each tax payer who shall plant, and suitably cultivate, one or more acres of forest trees for timber, the sum of one hundred dollars annually for five years for each acre planted and cultivated; the trees not to exceed twelve feet apart. For each acre of fruit trees planted and cultivated, fifty dollars valuation is exempt. The trees not to exceed thirty-three feet apart. For each mile of hedge, fifty dollars valuation is exempt This will do, when no better can be had. Four acres of timber planted on a piece of land, valued at four hundred dollars, will exempt it from taxation for five years. We are not much of a believer in the passage of laws to induce men to do what their interest of itself requires them to do. A man who would not plant four acres of timber for the benefit he would derive from it, would not be likely to devote the expense and labor merely for the paltry bonus the law provides. The act in question was introduced and passed, prompted by the best of motives, and we *wish* may result in good.

Quite an effort was made to pass a Herd Law. In fact a "Herd Law" was passed; but nearly every county in the State—or at least one or more precincts in nearly every county—were exempted from the operations of the act. It is, therefore, in our opinion, worse than none at all. We favor a genuine herd law; and fully believe that the true interests of the entire State demands the enactment of such a law. At our leisure, and before another session of the Legislature, we intend to fully discuss this important question. In the meantime, we invite correspondents, and friends of agricultural developement to do the same. Where fences are made, they should be made to fence *in*, not *out*. There is no justice is requiring one farmer to fence in his species of product, while his neighbor's is allowed to roam over the broad acres without check or restraint. But enough for the present.

Section one of chapter one of an act now in existence, entitled "Agriculture," and which now provides that County Agricultural Societies shall have from the County Treasury, two cents on each inhabitant, but not to exceed the sum of two hundred dollars, was amended by increasing the sum to three cents on each inhabitant, and abolishing the restriction to two hundred dollars.

The law in existence heretofore allowed the State Board of Agriculture the sum of three hundred dollars annuelly, out of the State Treasury, to be used in the payment of premiums awarded at the State Fair. This was amended by increasing the sum from three hundred dollars to one thousand dollars. Both these are valuable and important amendments, and will result in good.

An effort was made to pass an act prohibiting, or rather regulating the introduction of Texas and Cherokee cattle into, or driving them through this State. If we are correctly informed, the Bill did not pass.

An act was passed "to prevent the trespass of animals upon cultivated lands," in certain parts of the State only. If if had been general in its application, it would have been a very good Herd Law. The principal feature of this act is, that animals are trespassers on unimproved lands having trees of any kind planted thereon, or young hedge planted out. Good as far as it goes.

February 16, 1869.

COL. R. W. FURNAS:

Dear Sir—I still have a quantity of seed of the *Indigo Shrub* and *Striped Japanese Corn*, to send gratuitously to any one sending a two cent stamp for return postage. Address

J. COCHRANE,
Havana, Mason Co., Illinois.

THE CENTRAL UNION AGRICULTURIST, for February, is on our table. This monthly, as we have before informed our readers, is published at Omaha in our State, and edited by Jeremiah Behm, Esq. The present number is equal in all respects, to its predecessor. This being the only paper in the State devoted exclusively to agriculture, we are anxious to see it fostered and sustained. The *Agriculturist* is a large thirty-two paged paper, well filled with excellent matter, and is furnished at $2 per annum. Our post master, Mr. Marsh, is agent, and will show specimens of the paper.

WE call especial attention to the advertisement of Ordway & Parker, of Freport, Ill., to be found in to-day's paper. They have an extensive stock of evergreens, and offer them at prices within the reach of all. The evergreen trade with them is a specialty, and they are anxious to get up a trade with our western prairie farmers. They give some home references, it will be seen.

T. T. SOUTHWICK & Co., Commercial Nurseries, Nanville, New York, it will be seen advertises with us in this issue. This is a reliable firm, which furnish the best of references; a long list of which can be seen at our office—residents of Iowa, Illinois, Ohio, Indiana, Michigan and other States. See the advertisement.

HARKNESS & ANDREWS, Faribault, Minn., are believers in the "power of printer's ink," and accordingly come before our people with their advertisement. They are anxious to cultivate the acquaintance of prairie farmers, and are prepared to hold out inducements. Read what they have to say.

READ the advertisement of A. S. Hall, Vineland, N. J. He has a fine stock. Send for price list.

Water and Wind Power at the West.

The Commissioners of Maine exhibit an immense grand total of water power, which the young State of Nebraska can leave far in the shade with a species of power she possesses, and which is succeptable of development to an almost unlimited extent.

Unfortunately this State, "so far as heard from," is not abundantly supplied with fuel for steam, and our streams are not well located for manufacturing purposes.

Fuel here will necessarily be dear until our *planted* forests have time for growth, or cheap transportation can bring us coals from the rich mines of our mountains west.

We have no lack of wind force, which can be put to turning our wheels as it passes over our broad plains.

Wind mills are now constructed so as to govern themselves to a regularity of speed, between a good running wind and a gale, not surpassed by the operations of the steam governor. With such mills pumping can be done at no expense of power, and no cost except oil and a few minutes attention each day to apply the lubricator.

The Union Pacific Railroad Company are now better served with water at their large shops in this city, by a wind-mill, at nominally no expense, than they were one year ago by steam at a running expense of about fifteen dollars per day. This mill is but partially self-regulating, and cost about one-half as much as did the engine.

For grinding grain, and in fact for all machine work which can be done without much attention and hard labor, wind power is both practicable and profitable; but where artisans are employed it is important that the *time* of running should be controlled, and my object in writing is to call inventors to this point. Give us a plan that will "bottle up" power to be used as we see proper.

In good situations here a wind-mill will run upon an average of fifteen hours per day of twenty-four hours during the year. Elevating water to drive machinery is objectional from its scarcity, great evaporation, and expense of reservoirs. Concentration of *air* is only limited in capacity by the strength of machinery and power used, and in it we may possibly find the proper element.

Of course when wind is "in season" machinery should be driven by it *direct*, thus avoiding the loss by friction, leakage, etc. Your correspondent who discussed utilizing the sun's power, would find himself far in the rear if he should attempt a race with some of our "gentle zephyrs."

While Holland is kept above water by very rude wind mills, why not use our ingenious Yankee devices to float us upon the tide of commercial prosperity?—*Omaha, Neb. Cor. Scientific American.*

Ventilate the Cellar

It is quite common in the fall to close all outside avenues to the cellar and not allow them to be open till the cold weather is past. This is a bad practice—bad for the vegetables stored within, and for the health of the family above.

During moderate weather in winter when for a week or more the mercury scarcely falls below the freezing point, a cellar thus closed will be very warm—so warm as to hasten the decay of all kinds of vegetables, and especialy of fruits stored within; and though this decay may not be apparent at first, yet all that crispness, which characterizes fresh vegetables and fruits, are lost; in some cases the article shriveles and dries up, and in others it begins to decay in spots.

It often happens that this state of things exist as early as January, and in almost all such cases the closeness and heated condition of the cellar is a prominent cause of the evil. To avoid this, let some of the outside openings—either the windows or the bulkhead—be so aranged that they can be thrown open at any time, and they should be closed only when there is danger of freezing. This rule will hold in reference to vegetables, but is specially important in keeping apples. They should be kept as cool as possible and not freeze, and for this reason they should be kept in a seperate cellar, as they will resist a much lower degree of cold than vegetables.

If the cellar is not ventilated the effluvia of this decaying matter rises through crevices in the floor or trough the open cellar door and becomes a fruitful scource of disease.

There is no doubt that much of the sickness that prevails in early spring is owing to this cause. Ventilate the cellar, then, and remove all decaying matter as fast as it apears.—*St. Louis Journal of Agriculture.*

Read the advertisement of F. K. Phoenix, that old, extensive and reliable dealer of Bloomington, Ill. Everyboby in this county knows Mr. Phoenix, and all that we may say of him will not increase his reputation as a No. 1 nurseryman.

J. F. MARTIN, of Mt. Sterling, Ohio, is making a specialty of the *Ive's Seedling Grape*, and offers with the vines and cutting, at rates within the reach of all who desire to cultivate, all other varieties can be had of him.

THAT noted Seedsman, J. J. H. Gregory, of Marblehead, Mass., is before our readers to-day. We have planted of his seed for years past, and always with most gratifying success.

BLACKWELL BROTHERS, Titusville, New Jersey, offer a choice lot of Peach Trees at reduced prices. Their advertisement will be found in our present issue.

☞NO FREIGHT TO PAY.—No charge for boxing, and the labor *free*, to those who buy our Small Fruits, Plants and Trees.

Missouri Plants, grown on Missouri clay soils—strong, thrifty and hardy.

We *warrant* your stock to reach you at post office, express or freight office.

When a number of you send your orders in one, will put up each separate—mark the owners name plainly on each package, and pack in one box.

If you ever want fruits, now is the time to get them, on the finest terms.

THOMPSON, MYERS & Co.,
Brookfield, Mo.

200,000 EVERGREENS!

FOR ORNAMENT, Protection and Wind Breaks, for Homes on the Prairie, and Stock in inclement seasons.

Balsam, Spruce and Norway Pine, 6 to 10 inches high	$10 per 1000
Arbor Vitae, Hemlock & White Pine, 6 to 10 inches high	6 per 1000
American Larch, 6 to 10 inches high	5 per 1000
American Larch, 2 to 3 feet	20 per 1000
Assorted, various kinds	5 per 1000
European Larch, 6 to 10 inches	5 to 12 per 1000

WE ARE IMPORTING OUR

EUROPEAN LARCH

DIRECT FROM EUROPE.

Our Small Fruits are from *dry, clean, clay land*, in the Green Bay country. We find trees from that section do much the best with us. We make ninety per cent. grow, and are good shape. Will be secured by one of the firm, personally, when taken up. We make *EVERGREENS* a specialty.

NO EXTRA CHARGE FOR BOXING.

☞One-fourth cash to accompany the order; the ballance C. O. D.

REFERENCES.—President or Cashier of either of the banks in this city; or, F. A. Tisdel or Charles Smith, Salem, Nebraska.

Address ORDWAY & PARKER,
feb25-4m Freeport, Illinois.

OF THE IMPORTANCE
OF

Evergreen Wind Brakes

On our Western Prairies, every enterprising farmer is fully aware. The following from the *Gardeners' Monthly* is to the point:

"We are often astonished at the great difference between shelter and exposure. In our own neighborhood, as we write, Salvia, Splendes, Heliotrope, Geraniums, &c., are in full bloom in gardens sheltered by trees on the northwest, while not a hundred yards from the one in our mind's eye, the same flowers are black, and have been for some weeks back; and in the middle of winter a place surrounded with evergreen belts will be more like a spring scene than one of winter."

All who have had experience also know how much greater the chances of success are with *TRANSPLANTED NURSERY GROWN EVERGREENS* than with Forest Evergreens, commonly designated "Native." The latter usually fail; and must, in order to grow at all, have the closest attention and all circumstances favorable; while those grown in a seed bed, and *ONCE or TWICE TRANSPLANTED*, need no more care than any other tree. The old addage—*Every Man to his Trade*"—in no case was ever more applicable than in *GROWING EVERGREENS* until they are established.

Our prices are so low that no Prairie Farmer can afford to get along with less than one hundred or more. They will, in 5 to 8 years, make as effectual a wind brake as a stone wall, and add hundreds of dollars to the selling value of any farm.

PRICE LIST.

		PER 100	PER 1000
Norway Spruce, 8 to 12 inches		$ 8	$40
do do	12 to 15 do	10	50
do do	15 to 18 do	15	60
Austrian Pine,	6 to 12 do	8	35
Scotch do	6 to 12 do	8	35
White do	10 to 15 do	7	25
Am. Arborvitae	6 to 12 do	5	30

DECIDUOUS TREES.

European Ash, 2 to 4 ft	$12 per 100
do Mountain Ash, 6 to 10 in	3 per 100
do do do 1 to 2 ft	10 per 100 40 per 500
do Linden, 1 to 2 ft	10 per 100
do Elm—good timber tree, 2 years strong	10 per 100
EUROPEAN, OR TYROLEST LARCH, the best timber tree in the world, it being imperishable, and nearly as rapid a grower as the Soft Maple, eight to 12 inches	$4 per 100 $25 per 1000
Same, 12 to 18 inches	6 per 100 35 per 1000

TERMS STRICTLY CASH.

As our low prices will not enable us to realize upon TIME SALES.

On order of over $10 and under $25, half the express charges will be prepayed. On orders of $25 and over all express charges prepaid.

Stock warranted in good condition. Our stock is very fine, and we think we cannot be undersold.

Remittances may be made by postal order, draft on New York or Chicago, by mail, or U. S. and National currency by express, prepaid. Currency if by mail at sender's risk—though generally safe.

ROOT GRAFTS, TRANSCENDENT AND HYSLOP CRAB, put up to order.

Circular containing many useful hints and a general assortment Price List sent on receipt of stamp for postage.

Propositions for advertising from Western Agricultural papers solicited.

Address HARKNESS & ANDREWS,
29-6w Faribault, Minnesota.

TITUSVILLE NURSERY.

MERCER COUNTY,

NEW JERSEY.

20,000 PEACH TREES

5 to 6 feet high	$100 per 1000
4 to 5 feet high	60 per 1000
2½ to 4 feet high	40 per 1000

All the leading varieties in good assortment. Packed and delivered at Railroad station without

EXTRA CHARGE.

20,000 Peach Trees in dormant bud. $50 per 1000 Packed.

3,000 Dahlias. A fine collection, embracing Show, Fancy and Pompone varieties; 30 cents each; $4 per dozen, sent by mail, postage paid; $15 per hundred by express or freight.

Small Norway Spruce, and Other *EVERGREENS, LOW.*

ALSO GENERAL NURSERY STOCK.

EARLY ROSE POTATOES,
$1 per ℔; $2 per 3 ℔s.

HARRISON POTATOES,
$1 per 4 ℔s by Mail.

Landreth's Garden Seeds.

BLACKWELL BROTHERS,
feb25-3m *Titusville, Mercer Co., N. J.*

WEST AVENUE

NURSERIES.

GRAPES VINES.

I invite the attention of Dealers and Planters to my large stock of

GRAPE VINES,

mostly two years old, having been root pruned and planted out last Spring. They have made a very large growth.

I offer great inducements to those wanting vines.

Likewise I have on hand a good stock of Wilson and Kittatinny

BLACKBERRY,

DAVIDSON'S THORNLESS, AND DOO-LITTLE BLACK CAP

RASPBERRY.

SEND FOR PRICE LIST.

A. S. HALL,
feb25-3m Vineland, N. J.

SEEDS, ROOT GRAFTS.—Osage Orange Seed, prime, new, $15 per bushel. Apple Seeds, Peach Pits, fresh. Root Grafts, Apple, packed, 10,000, $60. Osage Hedge plants, 1st cl., 1,000, $3; 10,000, $25. Peach—Hale's Early and other best sorts. Stocks—Apple, Pear, Plum, Cherry, Quince, &c. Roses, Evergreens, Grapes, Downing Gooseberry, Charles downing Strawberry, Blackberries, Raspberries, Green House Bedding Plants, Dahlias, Lilies, &c. Send 10c. for three Catalogues.

F. K. PHOENIX,
Bloomington Nursery,
feb25-6m McLean Co., Illinois.

T. T. SOUTHWICK & CO.,

COMMERCIAL NURSERIES,

Dansville, N. Y.

Standard or Dwarf Cherry, 2 years, No. 1 Fine	$140 per 1,000
Standard or Dwarf Cherry, 2 years, No. 1 Fine	15 per 100
Dwarf Pear, 2 years, extra fine	22,50 per 100
Plum on Plum, 2 years, 4 to 7 ft	25 per 100
Plum on Plum, 2 years, 4 to 6 ft	20 per 100
Plum Seedlings, No. 1	12 per 1,000
Cherry Currants, 1 year	$40 and 50 per 1,000
Pear Grafts	20 per 1,000

The above stock is of the best possible quality, true to name, and will be carefully dug and packed in best style. Full particulars by letter on application. 29 T. T. SOUTHWICK & CO.

GREGORY'S SEED CATALOGUE.—I have over sixty acres in Seed on my Shree Seed Farms, in Marblehead, Mass., where I have raised over one hundred varieties the past season, *all perfectly isolated*. I import many choice seeds from the best European growers. As the original introducer of the Hubbard Squash, Marblehead Mammoth Cabbage, and many new and rare vegetables, I invite the patronage of the public.

Seeds warranted to be as represented. Catalogues gratis to all. JAMES J. H. GREGORY,
feb25-6m Marblehead, Mass.

Fresh Garden, Flower and Tree Seeds, and Small Fruits, Prepayed by Mail. A complete and judicious assortment. 25 sorts of either Seeds, $1.00. True Cape Cod Cranberry with directions for culture on high or low land. New fragrant Everblooming Japan Honeysuckle, charming new hardy Vine. 50 cents each. $5 00 per doz., prepaid. New Early Rose Potato, 75 cents per lb. 5 lbs. $3.00, prepaid. Priced catalogues to any address, also tradelists, gratis. Seeds on commission. Agents Wanted.

B. M. WATSON, Old Colony Nurseries and Seed Establishment, Plymouth, Mass. Established 1842. 20-2m

IVE'S SEEDLING.—THE GREAT PREMIUM GRAPE.—Vines and Cuttings of this and many other kinds, at lowest rates. Stock and satisfaction guaranteed. Ive's Vines 1 and 2 years old, from $30 to $70 per 1000, owing to age and class. Cuttings, $6 per 1000; four buds each, $35 for 5000. Colored plate of the Ive's 30 cts., post paid.—Send for its history and price list of General Nursery Stock, free. JAS. F. MARTIN,
Box 113 Mt. Washington,
29-6w Hamilton Co. Ohio.

NEW SEEDLING POTATOES.—Three new kinds, of great excellence, not to be found in any other catalogue; are engraved and fully described in my new seed catalogue, *sent gratis to all.* JAMES J. H. GREGORY,
feb25-6m Marblehead Mass.

PEAR GRAFTS—Made from whole Roots, by the best workmen; and hints on the proper manner of planting and careing for, sent with the Grafts. $20 per 1,000.

T. T. SOUTHWICK & CO.,
29 Dansville, N. Y.

OSAGE ORANGE SEED BY MAIL On receipt of $1.00 we will send by mail, postage paid, one pound of Osage Orange Seed.

Three Pounds for $3.00.

Our seed is new and good. We can also supply it by the

Bushel or Hundred Bushel.

Address
McCullough, Drake & Co.,
19-5t Box 37, Sharpsburg, Ohio.

GENUINE IMPORTED

NORWAY OATS.

SAMPLES SENT FREE TO FARMERS.

FROM 100 to 130 bushels grown to the acre. Weighs from 40 to 45 pounds to the bushel. This Oats has been grown on every variety of soil, and in every State of the Union, with the most perfect success.

The grain is *very large, plump and handsome*, has a remarkably *thin husk*, and ripens earlier than the common varieties.

The straw is bright, clear, *stout*, and not liable to lodge, is perfectly clear of *rust*, and grows from 4 to 5 feet high. We have both the White and Black Norway, both the same price, and equally productive.

We will send *one quart* of the above Oats to any address, *post paid*, for $1 00
Two quarts, post paid 2 00
One peck sent by express or freight 6 00
One bushel, 40 pounds 10 00

CAUTION.—We wish it distinctly understood that this is not a light oats, weighing 28 to 32 pounds, raised in New England, and sold under the name of Norway, but imported seed, every bushel guaranteed to weigh 40 pounds, or the *money refunded.*

Samples of both kinds *sent free* for a three cent stamp.

Circulars and Testimonials free.

Address all orders to N. P. BOYER & CO.
19-2t Parksburg, Chester Co., Pa.

CHERRY HILL NURSERIES.

Established in 1854.

NURSERYMEN, DEALERS AND PLANTERS, will find at these Nurseries a complete collection of

TREES AND PLANTS,

in every department.

Standard Fruit Trees,
Dwarf Fruit Trees,
Small Fruits,
Grape Vines,
Fruit Stocks,
Ornamental Trees, Shrubs, Vines, &c.
Evergreens, in great variety,
Roses, a fine collection,
Seedlings, for nurserymen,
Rare Plants, recently imported,
Rhubarb & Asparagus, an immense stock.

NEW WHOLESALE CATALOGUE JUST ISSUED.

Hoopes, Bro. & Thomas,
feb18-3m WEST CHESTER, Penn.

THE KITTATINNY.

AVERAGE SIZE.

The LARGEST and most Productive, SWEETEST and most Delicious, HARDIEST, and every way the best **Blackberry Known!**

The above is amply borne out by the testimony of all who have given it a *fair* trial all over the country, and is the *only* new fruit of recent introduction that comes up to the recommendations of its friends.

PLANTS OF THIS AND OTHER KINDS.

Also the

Best Strawberries & Raspberries,

EARLY ROSE,

and other Seed Potatoes,

delivered at your nearest Post Office as *cheap* as if you called at the nursery in person, and

Warranted Genuine.

PRICE LIST GRATIS.

Address

E. WILLIAMS,
feb11-3m *Montclair, New Jersey.*

HOME NURSERY.

Apple, Pear, Plum, Cherry, Evergreen TREES, AND

Ornamental Shrubbery.

A LARGE VARIETY.

Also, Grape Vines, Currants, Gooseberries, Raspberries and Strawberries, Choice Roses, Creepers, Vines, Tulips, Lillies, Peonies, Dielytra, etc.,

AT LOW RATES.

Grounds 2d Block South of Court House

HAVANA, ILLINOIS.

SPRING OF 1869.

I desire to call the especial attention of my former customers and the public generally, to my stock and prices, especially to the QUALITY of the stock now offered, and I would solicit a continuance of your patronage and favors, to deserve which my best efforts will be directed.

☞Packing and Shipping done in a careful manner. All goods delivered at the Express Office, Railroad or Steamboat Landing free of charge.

Plants and Seeds by Mail.—Grapevines, Strawberries, Currants, Raspberries, Gooseberries, Asparagus, Vines and Climbers, Bedding Plants, Bulbous Roots, Garden, Flower and Tree Seeds, will be sent by mail any distance, securely packed in gutta-percha silk, damp moss, &c. I send articles packed in this way in perfect safety to the most distant parts of the United States.

☞If articles sent out by me are not as represented, send them back at my expense and your money shall be refunded.

Some of the leading articles will be furnished at the following prices.

Catalogues and Seed Circular furnished on application.

Concord Grapes, $1 per doz.; $6 per hundred.
Ive's Seedling, $1.50 per doz.; $10 per hundred.
Delaware, two years old, 25c each.
Clinton, $1 per doz.; $6 per hundred.
My list of Lilies include the best of the Japan varieties, and our old native favorites at low rates.

Summer Bulbs.

Gladiolus, or Sword Lily.—The recent improvements in the varieties of this splendid flower renders it one of the finest of all "Flora's" gifts. My stock comprises over thirty varieties, varying in price from 10 cts. to $1.50 per bulb.

Tigridia, or Mexican Lily.—An appropriate companion to the above, of an easy cultivation, 10 cents each.

Amarillis, or Jacobean Lily.—Rare, 50 cents each.

Tube Rose.—A fine stock and cheap, 25 cents each.

Herbaceous, &c., &c.

Chinese Peonies	each	25 cts
Crimson	"	50
Hollyhock	"	25
Herbaceous Spiræas	"	50
Chrysanthemums	"	25
Yucca Filamentosa	"	75
Aquilegia Glandulosa	"	25
" Alba	"	25
" Cerula	"	25
" Aurea	"	25
" Rosea	"	25
Sweet Scented Violets	"	25
Polyanthus (English)	"	25
Lychnis Grandiflora	"	50
" Viscaria	"	50
" Scarlet	"	25
Dicentra	"	25
" Alba	"	75
Phlox (variety)	"	25
Delphinium Formosum	"	50
Feverfew Hardy	"	25
Dianthus (variety)	"	25
Vinca, Blue	"	25
" Alba	"	25
Mountain Daisies	"	25
Pansies, large	"	10

Green-House & Bedding Plants

A selection of life most desirable, which space forbids to enumerate; also, Plants for Vases, Urns, Baskets, &c., such as Myrtle, Balm, Ivy Geranium, Dew Plant, Saxifraga Sarmentosa, Moneywort, &c., &c.

Also, Hanging Baskets and Flower Pots, with or without plants, always on hand.

Address **J. COCHRANE,**
Havana, Mason County, Ill.
☞Be particular to order early.
14-8m

BLOOMINGTON

NURSERIES.

10 GREEN HOUSES.

400 Acres of Open

ROLLING PRAIRIE.

Covered with Apple, Pear, Cherry, Peach and Siberian Crab Trees; Quince, Raspberries, Blackberries, Currants, Gooseberries, Strawberries and Grapes; Garden Roots, Plants, Root Grafts, Stocks, Scions, Seeds and Cuttings; and

Deciduous & Ornamental

TREES AND SHRUBS.

Roses, Snowballs, Everbreens, Peonies, Piloxes, Tulips, Hyacinths, Gladioluses, Dahlias, Chrysanthemums, and Hardy Herbaceous, Flowering Plants and Greenhouse and Bedding Plants.

OSAGE ORANGE PLANTS,

First Class, $3 50 per 1000.

150,000 Concord Grape Vines, two years old.

For sale by

J. K. TEFT & Co.,

P. O. BOX 100. *BROWNVILLE, NEB.*

ALSO AT NORTH STAR, MO.

17-2m

ONE POUND WILL YIELD

3,000 POUNDS IN ONE SEASON,

BY PLANTING THE GENUINE

Early Rose Potato!

BUY THE GENUINE FROM

GEO. A. DEITZ,

(The Great Seed Wheat Farmer.)

CHAMBERSBURG, PA.

1 Pound Early Rose sent by Mail, postpaid, for	$1 00
4 Pounds of Early Rose, by Mail, postpaid, for	3 00
1 Peck Early Rose, delivered at Chambersburg	6 00
1 Peck Early Rose, by Mail, postpaid	7 00
4 Pounds of Surprise Oats, by Mail, postpaid	1 00
4 Pounds New Brunswick Oats, by Mail for	1 00
4 Pounds Swedish Oats, sent by Mail for	1 00
4 Pounds Norway Oats sent by Mail for	1 00
4 Pounds Spring Barley, sent by Mail for	1 00
4 Pounds Yellow Mammoth Corn, by Mail for	1 00
4 Pounds Yellow Gourd Seed Corn, by Mail for	1 00
4 Pounds best three varieties of Sweet Corn	1 00
4 Pounds China Tea Spring Wheat by Mail, for	1 00
4 Pounds Black Sea Spring Wheat by Mail, for	1 00
4 Pounds Canada Club Spring Wheat by Mail	1 00
4 Pounds Hedgerow Spring Wheat by Mail, for	1 00
4 Pounds Red Chaff Spring Wheat by Mail, for	1 00
4 Pounds Scotch Fife Spring Wheat by Mail for	1 00
4 Pounds Mammoth Bearded Spring Wheat, for	1 00
4 Pounds Smooth-headed Spring Wheat for	1 00
4 Pounds White Hominy Corn for	1 00
4 Pounds of Harrison Potatoes, by Mail for	1 00
4 Pounds Early Goodrich Potatoes, by Mail for	1 00
4 Pounds White Elephant Potatoes, by Mail	1 00
4 Pounds of Blue Grass Seed for	1 00
4 Pounds of Italian Grass Seed for	1 00
4 Pounds of Orchard Grass Seed for	1 00
4 Pounds of Herd Grass Seed for	1 00
1 Pound of Alsike or Swedish Clover Seed for	1 00
2 Pounds of Cow Grass or tall Clover Seed for	1 00
4 Pounds of red Clover Seed for	1 00
1 Pound of Egyptian seven-headed Wheat	1 00
Best Fodder Cutter, at Chambersburg	35 00
1 Pair of Chester White Hogs, not akin, delivered at Chambersburg, boxed	30 00
Trio of Brahma Pootra Fowls, delivered at Chambersburg, boxed	7 00

☞Subscribe for the EXPERIMENTAL FARM JOURNAL. Only $1.50 per year.

☞The money, in all cases, to accompany the order.

☞All orders filled promptly by GEO. A. DEITZ Proprietor of the Great Seed Wheat Experimental Farm, Chambersburg, Pa.

Farmers can rely that all Seed, Stock and Fowls sent out by Mr. Geo. A. Deitz, are true to name and pure of the kind. 17-10t

TREE PLANTERS.

If you wish to plant this coming spring, send in your orders early, and save

TREE PEDLER'S MARGIN.

A fine stock of two year old

APPLE, PEAR, PLUM AND CHERRY.

Also Shade Trees, Evergreens, Ornamental Shrubs, and a general Nursery Stock

CONSTANTLY ON HAND,

AT THE PROSPECT HILL NURSERIES,

Geneseo, Illinois,

J. & E. RICHMOND, Proprietors.

☞Correspondence solicited. 14-4m

SMALL FRUIT CULTURIST

30 Pages of Plain Directions for Planting and cultivating, for family as well as market garden, and marketing all Small Fruits. Written from 20 years experience, and gives all the information of the larger and more costly works, so as to put new beginners on equal footing with old fruit growers.

We have hundreds of testimonials, of which the following from Rev. H. W. Beecher is a sample:

"Your directions for growing Strawberries and Raspberries are the best I have ever seen."

☞Price, 10 cents.☜

Wholesale and retail lists of our plants sent by mail free on application.

Address PURDY & HANCE,
14-3m South Bend, Ind.

GRAPE VINES.

CONCORD GRAPE VINES.
Two Years Old.
CONCORD GRAPE VINES,
Three Years Old.
DELAWARE GRAPE VINES,
Two Years Old.
DELAWARE GRAPE VINES,
Three Years Old.
DIANA GRAPE VINES,
Two Years Old.
DIANA GRAPE VINES,
Three Years Old.
CREVELING GRAPE VINES,
Two Years Old.
CREVELING GRAPE VINES,
Three Years Old.
OPORTO VINES,
Two Years Old.
OPORTO VINES,
Three Years Old.

Two year old vines of the following kinds grown out of doors, from bearing vines and very healthy, with strong large roots, and warranted to make strong growth if properly planted:

HARTFORD PROLIFIC, IONA, ISRAELLA, NORTHERN MUSCADINE, REBECCA, PERKINS, ISABELLA, CATAWBA, IVES, BLACK FOX, DRACUT AMBER, CLINTON, MANY OF ROGERS' HYBRIDS, &c., &c., &c.

These vines are on land which must be cleared, and will be sold

VERY CHEAP.

For quality of Vines heretofore sent from this Nursery, refer to **Col. R. W. Furnas.**

All the leading varieties of trees and plants to be found in a well appointed Nursery always on hand.

For list of very low prices, address

E. WARE SYLVESTER,
feb11-3m *Lyons, New York.*

FRUIT TREES.

Western Trees for Western

ORCHARDS.

The largest stock of one year old Apple Trees west of the Mississippi. We cultivate those varieties suited to our western climate.

Our trees, though only 1 year old, are very large and strong, (3½ to 4½ feet high), the very best size for shipping long distances, and transplanted with more ease and safety than larger trees.

PEARS, Two years old. Very fine.

ALSO, VINES, PLANTS, &c., &c.

SEND FOR CATALOGUE.

Address

STARK, BARNETT, & CO.,
feb11-3m Louisiana, Mo.

PEACH TREES.—Crawfords, Hale, and others, five feet ..... $10 per 100
Pear and Cherry Trees, 1 yr., 1st class ..... 15 " "
Apple Trees in variety, 1 yr., 3 feet ..... 5 " "
Apple Grafts, at low rates.

Also, a full assortment of Nursery stock, of *all ages*. Samples sent at wholesale price.

Send for Price List. *HOFF & COOPER,*
feb11-6m *Watseka, Knox County, Ill.*

EARLY ROSE POTATO, American and Foreign Spring Wheats, Oats, Barley, Corn, Cloverseeds, Grass Seeds, Hogs, Fowls, Best Fodder Cutter. Send for the "Experimental Farm Journal," only 20 cents. Address

17-10t GEO. A. DEITZ, Chambersburg, Pa.

BUSHBERG VINEYARD.

GRAPE VINES FOR SALE.

Plants of Best Quality!!

PRICES MODERATE.

All the Leading Varieties, such as

CONCORD, CLINTON, DELAWARE, HARTFORD PROLIFIC, IVES, NORTON'S VIRGINIA, &c.

and many NEW and rare varieties.

AUGHURICK, CYNTHINA, DIANA, HAMBURG, MILES, MOTTLED, MARTHA, ROGER'S HYBRID, &c.

ALSO,

SMALL FRUITS,

Strawberries, Raspberries, Blackberries,

of the best Market Varieties;

AND SEED POTATOES,

Early Goodrich, Harrison and Early Rose.

All the above of our own growing; warranted genuine and of BEST QUALITY.

Address

ISIDOR RUSH & SON, Bushberg, Mo. } Price list Gratis.
17-3m

Amateur Cultivator's Guide

TO THE

Kitchen and Flower Garden.

The Twenty-third Edition of this popular and useful work, which has met with so great favor in the past, was issued January 15, much enlarged and improved, containing descriptive lists of all Flower and Garden Seeds worthy of cultivation, embracing over twenty-five hundred varieties; to which is added all the novelties in Flowers and Vegetables for 1869, also two hundred varieties of the choicest French Hybrid Gladiolus.

The work comprises 150 pages. Tastefully bound in cloth, with two beautiful Colored Plates,—one steel,—besides some hundred other Engravings. Price 50 cents, post-paid. Paper Cover, one Colored Plate, one Hundred Engravings, post-paid, 25 cents.

Address WASHBURN & CO.,
Horticultural Hall, Boston, Mass.

The Unrivalled Prize Tomato

"GENERAL GRANT."

We take pleasure in announcing to the public that we have secured the entire stock of this justly celebrated Tomato. It originated in the garden of an amateur, who, after growing it for a number of years in connection with all the leading sorts, became convinced that it was far superior to any other, and that it should be widely disseminated; and for this purpose it was put into our hands. In consideration of the many disappointments experienced in the introduction of new varieties, we have given it a thorough trial of two years; and it has far exceeded our expectations, ever attracting great attention where exhibited, taking the first prize above all others at the Massachusetts Horticultural Society's Exhibition the past two years.

CAUTION.

On account of the immense popularity of this variety, we find that parties are offering for sale a spurious seed, deceiving to obtain large prices for the common sorts. We would therefore recommend parties purchasing only those sealed packets bearing our name, as none others can be genuine.

Price per packet, 25 cts.; 5 packets, $1. Prices to the trade on application.

WASHBURN & CO.
17-2m Horticultural Hall, Boston, Mass.

1869. 1869.

WM. H. LYMAN'S

Illustrated Floral Guide

AND

CATALOGUE OF SEEDS AND PLANTS,

Is now published, containing descriptions of over 1,600 varieties of Flower Seeds and plants. It is splendidly illustrated with about thirty elegant wood engravings and two beautiful colored plates, one of which will be, the celebrated

"Mrs. POLLOCK" Geranium;

colored from nature. In it will be found designs for arranging the flower garden; together with full directions for Sowing Seed, Transplanting, &c. This work will be sent free to all my Customers, and to all others, on receipt of ten cents, which is not half the actual cost.

I am also introducing to the Public my new Tomato, the

LYMAN MAMMOTH CLUSTER.

Dr. D. Rice, says: "Everybody should have it." This Tomato is a cross between a French unknown variety and the Lester's Perfected, retaining the smoothness and solidity of the latter, growing in clusters; each stem bearing from six to twelve tomatoes on it. It is perfectly smooth and nearly round, about the size of a Baldwin apple; color of a rosy pink, and keeps well; solid, has but few seeds, and is no doubt one of the best early varieties we have. It is unexcelled for eating raw, and is delicious for cooking; being very high flavored. In earliness it excells the "Keyes Tomato," and ripens its fruit evenly, about ten days before the Early Red.

☞Undoubtedly the best market variety of Tomato in existence.☜

This variety was obtained from seed in 1864. In 1865 it ripened its fruit TEN DAYS before the Early Smooth Red.

PRICE IN SEALED PACKETS, 25c. EACH.

For illustrated circular, containing description, recommendations, &c.,

Address

WM. H. LYMAN,
Importer of Seed, Bulbs, and Plants,
16-3m Léverett, Mass.

Fifth Year. 200 Acres.

GREAT WESTERN NURSERIES.

LYONS, CLINTON CO., IOWA.

Fruit & Ornamental Trees,

Grape Vines, &c.,

FOR SPRING 1869.

We offer for next spring planting, a fine assortment of nursery stock, all grown on open prairie soil, and guaranteed to be fully as good as represented.

For full particulars, send for our Catalogue, which is