AGRICULTURAL.

R. W. FURNAS, Editor.

☞ All Communications intended for this Department should be addressed to the Editor.

Pawnee and Richardson Counties.

We made a flying trip through portions of Pawnee and Richardson counties last week, by the way of Table Rock, Pawnee City, Salem and Falls City. It had been seven years since we were in Pawnee county, and twelve years since we were in Richardson, in the vicinity of Salem and Falls City. Of course, wonderful changes have taken place within the times mentioned. Especially along all the water courses, where there is more or less timber, the country within the scope of our brief trip, we found well filled up and well improved. Fine farms, farm houses and barns are to be seen in all directions. In Pawnee county the farmers, and wisely, too, are principally herd law observants, and are raising fine crops without the expense of fences, which is imposed on the farmer in many other portions of the State. Near Table Rock there is a fine water-power mill, sufficient to accommodate the surrounding country. It has a good reputation. About Pawnee City are some splendid farms. J. W. Hollingshead adjoining the town, like us, has "fruit on the brain," and has been for years planting trees, and now has a beautiful and valuable place. A near neighbor of his—Mr. Dunn, if we recollect the name—is troubled with the same complaint, and shade and fruit trees, vines and shrubs, loom up about his place. A great many places along our route we noticed that farmers are given to tree planting.

The country right about Salem is rather rough, yet the adjacent valleys yield a good supply of almost all the farmer desires, and the town has a good trade. There are some beautiful views of the valleys observable from the high grounds from Pawnee City to Falls City. When we were last, before, at Falls City, there were no improvements scarcely. Now there is a beautiful and tastily arranged village, and the valley and surrounding country well filled with industrious and enterprising farmers. A railroad now graded to Falls City, and about ready for the iron, and running up the rich valley of the Great Nemaha, will work wonders in a very few years. A great and growing country, this Southern Nebraska. It only wants to be seen to be appreciated.

We regret that owing to the facts that the weather was extremely cold, and our time limited, we had not time to "call in" all along the road, and enjoy a social talk about "matters and things in general," especially those points pertaining to agriculture, horticulture, pomology, and kindred subjects. We intend next summer, "when nature has her Sunday clothes on," to go through the "burnt district" in detail, and write it up—"see all the folks."

Polyglot Family Bible.

Prof. Geo. B. Moore, State canvassing agent for the National Book Publishing Company—A. S. Barnes & Co.—is presenting to the public in this State a very valuable and exceedingly well arranged copy of a Family Bible. The marginal readings are full, and the selection of references original, and arranged in a manner hitherto unattempted. It contains many valuable treaties and useful tables: a critical introduction to each of the Books, by Rev. Jos. A. Warner; an essay on the right interpretation of the writings in which the Revelations are contained, by James Macknight, D. D.; three sermons on the evidences of christianity, by Philip Doddridge, D. D.; a geographical and historical index; a concordance by Rev. J. Brum; a complete index and concise dictionary of the Bible, in which the various persons, places and subjects mentioned in it are accurately referred to, and every difficult word briefly explained; finely executed maps and engravings on steel, illustrative of the sacred text. No family should be without a copy.

AMATEUR CULTIVATOR'S GUIDE, is the title of an exceedingly neat volume of over one hundred and fifty pages, well and handsomely bound in cloth, profusely illustrated with fine wood, steel and colored plate engravings, by Washburn & Co., Seed Merchants, Horticultural Hall, 100 Tremont street, Boston, Mass. It is a revised, enlarged, and very much improved catalogue of this well known and reliable house. It contains an accurate descriptive list of over two thousand varieties of flower and vegetable seeds; directions for the cultivation of annual, biennial and perennial flower seeds; plans for the arrangement of fruit, vegetable and flower gardens, together with a vast amount of other useful matter. We find nothing about it as to price, but presume it is for distribution, at least at to not exceed cost. It should be in the hands of every flower or vegetable cultivator.

IMPORTANT NOTICE.—Those who wish to subscribe for that most excellent agricultural and family weekly, the *Western Rural* for the year 1870, can make a saving by subscribing through this office. By arrangement we can furnish that paper for one year, and the *Advertiser*, for $3,50. Give us the amount *at once*, and receive *free numbers* of the *Western Rural* for the remainder of this year, in addition. The regular price of the *Western Rural* is $2,00 per year.

MANURES.—An old Illinois farmer said he did not like agricultural papers, because they were eternally talking about manuring the land. "Well" said we, "suppose you were in the soap business, and you have two barrels, one contains lye enough to make 500 pounds of soap, and the other enough grease to make only 400 pounds. You start both barrels at the same time, but before you have made 300 pounds of soap, the grease does not run fast enough to make the quality you desire. What would you do?" "Why, put in more grease, you durnfool, but where's yer pint?"

Letter from F. R. Elliott, Secretary Am. Pomological So.

CLEVELAND, Nov. 22, 1869.

R. W. Furnas, Esq.:

DEAR SIR—Again I am in your debt for favors, one of which I thank you for and the other I regret. The thanks are for the box of apples again sent and received, and the regrets are that you should occupy the columns of your valuable Agricultural and Horticultural department of the *Advertiser* with matter of so little value as my late letter to you.

I had Already made drawings and discriptsons of Otoe Red Streak, which I count a valuable variety. I have also drawings of Todd's Pippin—new to me—and of Gabriel, which latter I consider a valuable sort, that should be pretty generally grown by amateurs. The *Nebraska Green* is the apple you have failed to send me, and which I do not, but desire to, know.

As I said, I have drawings of these *new* and valuable sorts, and if you desire, will supply you duplicate cuts whenever they are ready.

I should like exceedingly to see the "Furnas" apple. If it has half the good qualities that eastern men attach to the name, as connected with the name who bears it—*your* humble self—then I have no doubt it will prove a good thing for "some localities." There, probably you think that not complementary, but, its meant otherwise, for I do not believe any existing item of creation, except the Creator himself or his SON, is good or reliable everywhere; and the sooner our people who are practising Agriculture and Horticulture understand such to be a fact, the sooner we shall be free of Charlatans, who, intent on pecuniary gain, regard not their country or their fellow man, more than does the wild beast who seeks to supply present wants. They are regardless and thoughtless of the future—have no respect for manhood, honor or integrity, and deserve the lowest position awarded to humanity.

Charles Downing's Postoffice is Newburgh, New York, and he is one of the pleasantest of men; strictly honorable and reliable, pecuniarily above want, and thoroughly imbued with a love and knowledge pertaining to fruits and flowers. We have a few reliable fruit men among us yet, but the years are accumulating upon them, and when I think how little there is connected with a knowledge of varieties of fruits, aside from a mind and memory of years devoted to its study, I dread the time when these reliables shall have passed away. Books are all well, but so far as detecting a variety by any classification or discription yet made, they are utterly worthless, except as combined with the mind and memory of a life-long study of the subject.

Downing's new revised edition of the "Fruit and Fruit trees of America" has been critisized as void of classifications, it being simply an alphabetical record and discription of varieties, because no reliable classification has yet been found.

When an author can arrange a classification and orders by which he can himself arrange his work so as not to have the same fruit appear in more than two classes and orders in the same book, or when a Horticultural Society can prepare a digest to embrace descriptions of fruits, by which they themselves can detect and clear their own State fruits of blundering isms, as witness the efforts of the Western Pennsylvania Horticultural Society, in their circular of points to be met in description, but which up to this time they have failed to make applicable to even one fruit out of the hundreds of errors with which their State is more mixed than any in the Union; then I will be, if living, one of the first to give due credit; but until that is done, let these men lay back a little and depend somewhat on the brains and memories of others, rather than their egotistical assertions of *scientific* knowledge, the wherewith they possess not a tithe.

And now for a few notes on this number you sent me: 1st. Mr. McLain says, in reference to Mexican Strawberry, there is some "sparring" between myself and others. He is profoundly mistaken. I have no sparring therewith. The Mexican *is a variety* of Alpine, and that is all I have ever said of it.

Planting Trees.—You are right, and yet you are wrong. Fall planting, if done early, is advisable, and is the best time; but if freezing weather has set in, then better heel and cover the trees for winter, but prepare the places even up to a necessity of using the pick to break the ground. Leave all rough as you may, the rougher the better, and the very moment you can in the spring, put the trees in their places.

"Judiciously Pruned?"—Yes, there you hit it. It is a point that can't be written out. Each and every tree is distinct and different, and cannot have a line or rule applied to it. Common sense and observing study is the only guide.

I object to your basin at the base of the tree, and also to your advice to stake. Both are useless or worse. I have, in thirty years past, directed the planting of thousands of trees, from two to thirty feet high, and in all sorts of bleak exposures, subject to the fierce gales and winds of the lakes, and yet *I* never staked a tree, or had one blown over. Learn to set the tree; spread its roots evenly and pack it *thoroughly with the fingers, not the fist*, at the base, i. e., commencing at the *first* and *lower* root, and continuing on. Keep your feet, and every Irishman—spade and pounder—out of the hole. *Never tread around it.* If any one doubts this point, I can say to him, come to me, and I will show you I am *right*, because I can show you the fac s existing, and am yearly repeating them.

Young trees for planting—aye, urge it. Larger trees can be equally successfully moved as small ones, but all things must be equal. There must be a corresponding additional expenditure of labor and care in digging, some in packing, some in transplanting, some in unpacking and again repeated in digging holes, preparing ground and planting. If all this is equal, then all right; but except to him who has only a small place; wants to get a half dozen or so of trees, and has plenty of money, will it pay?

The young tree is the one for the orchardist and a new beginner of small means. But while I am full and overflowing in all of matters horticultural, I am probably wearying you, and so, therefore, with thanks for favors, and a hurrah for Nebraska,

I am respectfully, etc.,

F. R. ELLIOTT.

We thank Mr. ELLIOTT for his valuable letter, and also for his criticisms; and hope to hear from him again, and as frequently as circumstances will permit.—ED.

There are numerous varieties of wheat that will produce good crops with reasonable certainty, if the soil be so cultivated that the plant can gather what food it needs, and mature. The Board of Agriculture of Ohio offers the magnificent premium of $1,000; and the standard of forty bushels to an acre is not so high as to make it impossible to reach it. It can be done, and the competition should be great. New and old varieties of wheat should both have a fair trial.

An extensive agricultural house in Ohio, writing us on business, says: "We like the appearance of your paper very much. *It looks like a live paper, among live folks.*"

USEFUL RECIPES.

A CEMENT for bottle tops, that will keep the most volatile liquids from evaporating, may be made by mixing finely-ground litharge and concentrated glycerine. It dries quickly, becomes very hard, and is easily removed with a knife.

CRAB APPLE MARMALADE.—Put the apple into a kettle, with just water enough to cover them, and boil them until very soft; mash them up and strain them through a sieve. Take a pound of apples to a pound of sugar, boil it half an hour and then put it into jars.

CRAB APPLE JELLEY.—Put the apples in the kettle; just cover them with water, and let them boil until they are very tender. Mash them with a spoon, and strain out the juice. Take a pint of juice to a pound of sugar, boil it thirty minutes, and strain it through a hair sieve.

APPLE JELLY.—Take a dozen good tart apples, cut them into quarters, add a pint of water, and let simmer about an hour. Set a sieve over an earthen pan, turn the apples into it and let them drain; but do not stir the apples after the juice is drained out. Let it stand and settle half an hour: then take a pint of juice to a pound of white sugar, boil it ten minutes, and put it into moulds or jars.

TRY IT.—It is stated that green copperas, dissolved in rain water, will effectually concentrate and destroy the foulest smells, and if placed under the bed in hospitals and sick rooms, will render the air free and pure. For butchers' stalls, fish markets, sinks, and wherever there are offensive putrid gases, dissolved copperas sprinkled about will in a few days purify the atmosphere, and an application once a week will keep it sweet and healthy.

BAKER'S GINGERBREAD.—Two cups molasses and four tablespoonfuls of butter stirred together without melting; add one cup of flour, two tablespoonful of soda dissolved in one cup of sweet milk, one teaspoonful of alum dissolved in one-half cup of boiling water and one tablespoonful of ginger; stir all well together, adding flour until it becomes thick enough to roll; cut in cards, and bake in a quick oven. Some may suppose the amount of soda to be too great, but after one trial will be convinced that the alum will counteract the soda. The alum should not be dissolved in the same cup that the soda is.

How to Keep Rats from Destroying Harness.

Almost every person who uses a harness has been more or less annoyed by having them injured by rats. We give a few hints as to how this may be avoided, though everybody knows, or affects to know, what is best. The receipts here given are collected from different sources.

Take about a teaspoonful of cayenne pepper, mix it thoroughly with a quart of oil, and rub the harness with the mixture. This, it is claimed, will not only keep rats and mice from gnawing the harness, but it will also prevent horses and colts from chewing the lines or halters.

Take two quarts of green leeks, pour over them one gallon of oil, and let it stand a few days before using; the longer it stands the better.

A little benzine rubbed over the harness after it has been oiled is said to be a sure preventive, but is not recommended by many, on account of the idea that it injures the leather.

One ounce of aloes to one gallon of oil will prevent rats from distroying the harness.

It is also claimed by mixing a small quantity, say a tablespoonful of pine tar to one quart oil, harnesses will be most effectually protected from any injury; but if too much is put on the leather will not absorb it. It will collect dirt, besides making the harness unpleasant to handle.—*Harness and Carriage Journal.*

Soil for Grape Vines.

A paper read before the Horticultural Congress, at Manchester, England, gives some interesting facts concerning the proper soil for grape vines of different sorts. When the vines were planted in a soil which contained an unusual proportion of magnesian lime, they apparently did well. The fruit promised to be fine until it finished stoning, when it ceased to swell, often decreased in size, shriveled, and was deficient in saccharine matter and aroma. Another border in the same garden had soil from the old red-sandstone formation, entirely without lime, and composed of silica, alumina, and organic matter, formed from decayed herbage. This vine produced fruit perfect in every way, some of the berries measuring four inches in circumference. In the vinery only a top dressing of manure is used, with a silicious soil. The injurious effects were probably produced by magnesia, but at any rate the author's experience shows that grapevines succeed in soils belonging to that geological formation known as the old red sandstone, but do not succeed on the magnesian limestone. The presence of limestone, however, by no means indicates unfitness for all kinds of grapes, for it is well known that in this country large tracts overlying limestone formations are capable of producing grapes in great excellence and variety. It is futile to search for a grape that will do well everywhere, and the above experience certainly proves the necessity of close observation of soils on the part of grape culturists.—*Ex.*

A "Subsriber" the *Western Rural* says:

"The *Western Rural* has the prettiest name the prettiest dress, the best print, and gives the best family reading of any paper I ever held beforn my eyes."

And a Postmaster writes:

"The *Rural World* is the best paper I ever canvassed for, and is looked after with *more interest* than any other paper taken in this office.

The Success of this great Western Agricultural and Family Weekly is remarkable. Since its enlargement last Winter, its circulation has been greatly increased, and its price in now reduced to $2,00 per year, uniformly, singly or in clubs. New subscribers for 1870 will receive the remaining numbers of this year *free*. So any one wishing the *Western Rural* for next year should send $2,00 at once, or write for specimen numbers and particulars and premiums. About one thousand families in the west are using sewing machines secured by forming clubs for the *Western Rural*. Thousands of watches, bells and musical instruments, silver-plated ware, books, choice jewelry, etc., have been given for clubs. Address, H. N. F. LEWIS, Publisher, Chicago, Ill.

TO REJUVENATE OLD GRAPE VINES.—The editor of the *Practical Farmer* says: "Having on our premises, planted by former owners, probably twenty years, half a dozen old grape vines with large weather beaten trunks or stems, which made annually but little new wood and yielded but very few poor grapes, two seasons ago we cut off the branches, and laid the main stems down in the trenches, covering with about a foot of earth. Vigorous and healthy shoots spring up in great abundance—the weak ones of which were broken off, and leading ones at proper distances trained to the arbor. The new growths are now clean, healthy, and strong—sufficient entirely to cover the large arbor the present season; we look for bushels of fruit from the new bearing wood. We see old grape vines, everywhere, doing no good and which could be made young and thrifty by this process."

The farmer who obtains from the field not properly fertilized ten bushels of grain, when by manuring he might have obtained twenty, is selling his labor at half its value.

Sheep and Wool in the Great West.

The publisher of the *Western Rural* is unremitting in his efforts toward making that journal still more popular than heretofore. Among the new features for 1870, is to be a Sheep and Wool Department, to be edited by HON. A. M. GARLAND, President of the Illinois Wool-Growers' Association, than whom there is no gentleman in the West better acquainted with the wants and interests of sheep and wool growers.

The subject of raising sheep, the best breeds for the West, and kindred questions, will not only be discussed, but the wool and woolen interests in general—the market prices and best times and modes of selling wool—will also receive a full share of attention. Mr. Garland's qualifications eminently fit him for the charge of this department, and we congratulate our farmers that they are to have the benefit of his experience and judgment.

This is but one of the numerous attractive features of that great Farm and Family Weekly. The subscription price is only $2,00 per year, and specimen copies are sent free of charge, by addressing H. N. F. LEWIS, Publisher *Western Rural*, Chicago, Ill.

REMOVING GAS FROM WELLS.—A correspondent of the Scientific American gives an account of an ingeniously extemporized apparatus for removing carbonic acid gas from wells. It is simply an umberella, let down and rapidly drawn up a number of times in succession. The effect was to remove the gas in a few minutes from a well so foul as to instantly extinguish a candle previous to the use of the umberella.

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

SPECIAL NOTICES.

Walter's Sweet Winter Crab.

Seedling of Siberian, a new and superior variety, late as Transcendant, excellent quality, productive and hardy. Keeps well. One year trees prepaid per mail, 75 cts. each; $8 per doz.

STOCK APPLES.—Very large, red, late keeping and productive winter apple. Extremely hardy and profitable. One year trees per mail, 25 cts. each $2 per dozen.

GRIMES GOLDEN.—One year 25 cts. each; $2 per dozen.

Minor and Wild Goose Plum.—Prepaid mail, 75 cents each.

Apple Root Grafts.—Best Quality, warranted true and right every way. 10,000 per $70; 100,000, $600.

Pear, Plum and Cherry Root Grafts, $25 per 1000.

Miner and Wild Goose Plum Root Grafts, $5 per 100; $40 per 1000.

Fruit Stocks, all kinds, cheap.

1,000,000 Evergreens—*Nursery Grown*—all sizes.

200,000 European Larch—6 inches to 2½ feet—fine plants.

☞ Parties intending to plant groves for timber, should send for our Larch Circular. It costs 2 cts., and is worth one dollar.

E. Y. TEAS,
7-1m Richmond, Ind.

FOR SALE!

Pure Bred Hogs and Fowls; Winter Seed Wheat, and other FARM SEEDS, from **Delt's Experimental Farm**, Chambersburg, Pa.

Diehl's and Boughton Beardless; Week's and Treadwell's Bearded White Wheats; French White and Red Chaff; Purple Straw Bearded Red Mediterranean, and German Amber Beardless, are the best, earliest, hardiest and most productive Wheats that can be recommended for general cultivation. Price $5 per bushel. Four pounds of any kind by mail, post paid, for $1. Twenty heads of different varieties sent post paid, for $1. Twenty other varieties of Wheat, Barley and Oats, of last years importation. See Delt's Experimental Farm Journal; send and subscribe for it; only $1,50 per year; the most useful Journal printed.

Address GEO. A. DETTY,
6-3t Chambersburg, Pa.

Fruit Trees, Vines, &c.

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.,
2-1m Lowell, Mass.

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."

Descriptive Catalogues sent on receipt of 10 cents.

Address CHARLES ARNOLD,
2-1m Paris, Ontario, Canada.

Peach Trees!

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

Address,
EDWIN ALLEN,
New Brunswick Nurseries,
2-6m New Jersey.

NEW ADVERTISEMENTS.

Apples for the North West.

We will contract to put up 200,000 Root Grafts in the best manner, and on reasonable terms. Half of them Hyslop and Transcendant Crabs, and Duchess of Oldenburgh; balance leading hardy varieties. Also for sale a small stock of two year old Apples, including the above kinds, with 20,000 Hyslop and 5,000 Transcendant Crabs, one year old.

Also, *Cherries, Grapes, Ornamental Trees and Shrubs, Evergreens, Roses, Peonies and Green House Plants, Evergreens from Woods, &c., &c.*

CHAS. HAMILTON & SON.,
7-3m Ripon, Wis.

BLOOMINGTON NURSERY.

19*th YEAR.* 500 *ACRES.*

10 *GREENHOUSES.*

All First Class Stock. In part, as follows:

Apple—1000, 1 yr., $25; 2 yr., $60; 3 yr., $100.
Duchess of Oldenburg, Grimes's, Transcendant—1000, 1 yr., $50; 2 yr., $100. **Hislop**—1 and 2 yrs.
Pear, Standard—100 $35; 1000 $300.
Pear, Dwarf—100 $20; 1000 $150.
Raspberry—*Big Miami and Doolittle*—1000 $8.
Blackberry—*Kittatiny, Wilson's Early*—1000 $15.
Root Grafts—*Antoniaus, including Duchess, Hislop, Transcendent, Grimes, Stark and Southern Seedling*—10,000 $60.
Nursery Stocks—*Sorts. Wild Goose and Minor Plum.*
Osage Orange Plants—*1st class*, 10,000 $13.00
Evergreens—*Many transplanted, magnificent stock*
Maples—*Soft or Silver-leaved, all sizes, including 1000 Forest, 6 inch $1 50; transplanted 6 to 12 inch, $5,00; 1000, 3 to 4 ft., $15; 4 to 6 ft., $20; 6 to 8 ft., $80.*
Roses—*500 sorts, largest stock*, 100 $12; 1000 $100.
Greenhouse, Bedding and Vegetable Plants.
Fruit and Flower Plates—*4 samples by mail*, $1.

☞ Send 10 cents for Catalogues. ☜

F. K. PHOENIX,
7-4f Bloomington, Illinois.

GENUINE

Ramsdell Norway Oats.

The best and most profitable Oat grown, yielding more than twice as many bushels per acre as common Oats. The straw is very strong, and rarely lodges or falls down. Our seed is clean and free from noxious weeds.

One Bushel, $5. Ten Bushels, $40.
One Hundred Bushels, $300.

E. Y. TEAS,
7-5m Richmond, Ind.

BROOKFIELD NURSERY.

A LARGE STOCK OF ALL KINDS OF

FRUIT:

AT VERY LOWEST PRICES,

where the CASH accompanies the order.

Red Cedar—2 to 3 ft., three times transplanted, 25 cts. each.
Finest Roses and Shrubs—25 cts. each.
Dwarf Pear Trees—full of fruit-buds, at 50 cts. each
Early Richmond Cherry—50 cts. each.
Dwarf Apple-Berries, fine, 50 cts. each.
All the new small fruits low.
Bearing Concords—25 cts. each. All other Grapes equally low.
Osage Osages—all selected plants, (small ones thrown out,) at $1,50 per 1000.
Clark Raspberry—$4 per 100.
Dr. Nemes, Chas. Downing, Michigan, and all the new Strawberries, at $2 per 100.

☞ At above prices only to be sent before February 15th.

THOMPSON & ADAMS,
7-3t Brookfield, Missouri.

Apple Root Grafts!

Apple Root Grafts!!

WE solicit early orders for Apple Root Grafts of all leading kinds, to be on Four Inch Roots, put up the coming winter by experienced hands, in the most careful manner, each kind properly labeled and packed in damp sawdust, so as to reach at any distance in good condition. Can be left in part (600,000) for $3,; and 25,000 for $100. Market changes rates. These prices include packing and boxing. A fine lot of one year old Apple Trees, from 2 to 3 feet, will sell cheap; also Grape Vines, Currants, Strawberries, Hedge Plants and Apple Stocks. Send for Price List, free to all applicants. Address

JOHN RIORDAN,
23-4m *Box 1159, Bloomington, Ill.*

WAUKEGAN NURSERIES!

Robert Douglas & Son,

IMPORTERS OF

PEAR AND EVERGREEN TREE SEEDS

Wholesale and Retail Dealers in

Native Evergreen and Apple Seeds,

WAUKEGAN, ILL.

Evergreen and Ornamental Tree Seedlings one, two and three years old, suitable for Ornamental Planting and for Timber. We have the largest stock ever grown in this country, all raised from seeds in our own grounds. Consisting mostly of Norway Spruce, Austrian, Scotch and White Pines, Balsam Fir, Arbor Vitæ, European Larch, European and American Mountain Ash, &c. Transplanted Evergreens, one to two feet high. Duchess of Oldenburg Apple. Transcendent and Hyslop Crabs, Apple Seedlings, Pear and Evergreen Tree Seeds, &c. The above are all perfectly hardy in Nebraska. Send for Catalogues.

R. Douglas & Son.
2-6m Waukegan, Ill.

ONARGA NURSERY AND EXPERIMENTAL GARDEN.

We have a fine Stock of the following articles, with many others, which we offer at low prices for cash.

Every Plant Warranted True to Name and Right in Every Respect.

Apples, Pears, Peaches, Cherries, Plums, Apricots, Nectarines, Quinces, Dwarf Peaches, Grapes, Raspberries, Strawberries, Blackberries, Currants and Gooseberries.

Also a Fine Stock of Ornamental Trees and Shrubs; a Full Assortment of Bulbs, Dahlias, Poenas, Dialetras, Aquilegias, &c., &c., CONIVERS' COLOSSAL ASPARAGUS, NEW VARIETIES of POTATOES, &c., &c.

☞ Send Red Stamp for Fruit and Bulb Catalogues. ☜

PERKINS & CONGDON, Proprietors.

ONARGA, Iroquois Co., Illinois. 1-3m

WE Planted this spring over five hundred bushels of Osage Orange Seed, and shall have for sale, this fall and spring,

FIFTY MILLION

splendid No. 1 plants. Our facilities for raising plants at a small cost, cannot be excelled. We do not employ

CHINESE

laborers at ten cents per day, but, by the aid of new ground, free from weeds and grass—splendid machinery—an experience of twenty-three years in the work, and a careful systematic management of our immense force, we are positive that we can afford to sell plants cheaper than any other establishment in the country. We have also

COMING

into market, two million splendid Apple Trees, of all ages, sizes and kinds. These trees are equal to anything in the country—all grafted by us. We guarantee every tree sent out sound, thrifty, and true to name.

TO

everybody w ho wants a fine lot of Apple Root Grafts to set out next spring, we would say that we shall put up full five million next winter—both the roots and cions are from our own grounds. We will sell them very cheap. We want all the men and women in

ILLINOIS!

or anywhere else, who want to buy Plants, Trees or Grafts, and who want to get a first-class article, and at the *LOWEST RATES*, to write to us and get our terms.

FIRST CLASS AGENTS WANTED.

APPLE SEEDLINGS CHEAP.

W. H. MANN & Co.,

GILLMAN, IROQUOIS CO., ILL.

☞ We will *NOT* be undersold.
Send for Essay and Price List.
47-6m

Ferre, Batchelder & Co.,

IMPORTERS AND DEALERS IN

DUTCH BULBUS ROOTS,

Flowering Shrubs and Greenhouse

PLANTS,

Garden, Field and Flower Seeds,

Agricultural and Horticultural

Implements, Fertilizers,

&c., &c.

231 Main Street,

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OUR ILLUSTRATED CATALOGUE OF

FALL BULBS

SENT ON RECEIPT OF FIVE CENTS.
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Concord Grapes—2 years		$ 40	per 1000
Delaware " —2 "		120	per 1000
Diana " —2 "		120	per 1000
Iona " —2 "		120	per 1000
Versailles Currant—1 year		50	per 1000
Cherry " —1 "		50	per 1000
White Grape " —1 "		40	per 1000
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Apple and Augers Quince Stocks at LOW FIGURES.

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Apples one and two years old, $60@$100 per 1000.

Siberian one and two years old, Transcendant, $60@$100 per 1000.

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All of splendid growth, on high, dry prairie and Northern aspect.

Also a rare collection of

NEW APPLES AND SIBERIANS

One year old 50c. each, or $4 per dozen.

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This list includes twenty new Siberians of merit for beauty and utility, and a collection of the finest Apples, mostly native, new which we have been carefully testing for the past five to ten years in the North-west.

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GRAPE VINES.	SINGLE.	12	100	1000
Concord one year, strong	15c	$1.00	$6.00	$40
two years transplanted	25	2.00	12.00	80
Delaware two years transplanted	40	3.00	20.00	150
APPLE TREES, Consisting of Famous, Tallman Sweet, Red Astrican, Grimes, Sweet June, Perry Russett, English Golden Russett, Sops of wine. Order per M must contain not less than 1000 of any variety.				
Two years old, 3 to 4 ft	35	2.50	15.00	100
One year old, 1 to 3 feet			10.00	80
TRANSCENDANT CRAB.				
One year, 1 to 3 ft			10.00	80
Two years 4 to 4 ft	25	3.00	15.00	125
Hislop, two years, 3 to 4 ft	35	4.00	25.00	
PEARS.				
Flemish Beauty, 1 year, 2 to 3 ft		3.00	18.00	150
Kittatinny Blackberries		2.00	10.00	80
Doolittle and Golden Cap Raspberries		50	2.00	12
Wilson and Green's Prolific Strawberries			2.50	8
Red and White Dutch, White Grape and Black Naples Currants		2.00	10.00	80

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MILTON, WIS., Sept. 1, 1869. 1-3m

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THE GRAPE OF AMERICA.

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For table grape we recommend the *Salem* and *Remelan*, as equal to the celebrated European Grapes.

200 Varieties of Strawberry Plants, including all the old and new varieties of note, as

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Early Rose Potatoes.—$5 per barrel; $65 for ten barrels; $85 for 20 barrels; $100 for 25 barrels.

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