AGRICULTURAL NOTES.

Items Relating to Farm, Live Stock, Orchard, Garden and Lawn.

Onions may be set out just as soon as the frost leaves the ground. They endure quite a degree of cold, and make good headway before other crops are put in the ground.

If you have an old grape vine that yields poorly and has "seen its best days," cut it entirely off close to the crown, manure heavily, and let it throw up two new leaders, and the following year you will see that "it's as good as young."

It is told of a kicking horse that he was cured by suspending a sack behind him filled with hay. At first his kicking was something terrible, but he subsided entirely when the hay returned toward his heels every time.

On all mild days treat the plants fully to outside air. In all but the coldest weather at least some air should be admitted daily, if only after the morning sweeping. Much dryness in the air is unfavorable. A vessel of water on the back of the stove to evaporate will help this matter greatly.

Orchard trees need potashes as a formative element. With the disuse of wood fires, there is naturally a smaller supply of ashes finding its way to the trees than formerly. These should be saved for the purpose. In their absence the German potash salts are the best substitutes.

The *American Farmer* says that the most economical use of stable manure is its application to a grass sod. It should be hauled directly from the stable, if possible. When the roots of grass are present in the soil soluble manures are retained, due to the action of the roots and the capillary attractions of the soil.

Lack of trees about a home is bad enough, but to have them standing so thick by the close planting, never thinning system, as to cause excessive shade to the house and lawn is even worse.—What we mean by excessive shade is when grass will not grow under them, for this is a true sign that the blossoms from tree tops is sufficient to cause dampness to the surroundings, and to keep pure air from the house. Ill health must be the result to the inmates. Where trees stand thus close they should at this season be thinned out.—Such as then remain will be the finer for the thinning, and there will be other advantages, not the least of which is the possibility of having a grass sward beneath the trees. We say, therefore, where trees stand close, thin them to let some ample patches of daylight and sunshine in about them.

At the New York Experiment Station were tested eleven so-called varieties of garden beet, one of chard, fourteen of mangel murzel and eleven of sugar beet. The seed were planted April 24, in rows ten feet long; two rows each of the garden beets and chards and one of the mangels and sugar beets. The soil was manured with a moderate application of stable manure. The rows of garden beets and chards were twenty-one inches apart and those of the mangles and sugar beet twice that distance, or three and a-half feet apart. The plants were thinned to six inches apart in the row. A table, noting the results given in the report of this experiment, shows that the average height of roots is decidedly less in the garden beet than in the sugar beet or mangel, and that in the Vilmorin's improved sugar beet, which is noted for its sugar, the beet averages less in weight than in the other varieties of sugar beet. Richness in flavor and in sugar, accompany small sizes, hence, in choosing for table use, one should not necessarily select the most productive variety. It was noted that the more depressed the roots, or in other words the flatter they are, the more rapid will be their development. This rule seemed also to apply to other garden roots as well as to onions. By planting several samples of seed grown in the station's garden a previous season, was learned the fact that the varieties of this vegetable cross-fertilize by natural agencies, and hence cannot be kept pure except when grown separated some distance from each other.

The following crop summary appears in the *Farmer's Review* of the numerous returns made by its correspondents: The returns from the winter wheat fields are almost uniformly good. They present an outlook very nearly as favorable as those sent in early in 1885, when the prospect was exceptionally good for a large yield. The utter disappearance of the snow covering is the only serious menace now threatening the growing grain, and with another general fall of snow the outlook could hardly be better than is presented in the reports of the correspondents. The latest reports from California, Oregon and Washington Territory are generally more favorable than at the same time last year.—Out of twenty counties of Kansas eighteen report the crop in good condition. In Indiana the outlook is reported to be very favorable. The reports from Ohio are uniformly favorable. Southern Illinois makes a very good showing. From Central Illinois the returns are uniformly good. The returns from Kentucky and Missouri are generally of a glowing character, and in the former State the outlook is considered brighter for a good crop than in many years. The Michigan reports do not indicate any larger yield than last year. In Tennessee the reports indicate an average crop.—While it is not yet possible to give anything like positive date, the acreage in all the States, with the possible exception of Michigan, will show a falling off as compared with last year.—The reports indicate that the stocks of old wheat in Dakota, Kansas, Missouri, Kentucky, Tennessee and Illinois are pretty well exhausted, while considerable wheat is still held in farmers' hands in Minnesota, Iowa and Michigan.

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ALL SORTS OF INFORMATION.

Even a burial is a desecration of the Sabbath at Thurso, Scotland, and the cemetery is not opened then.

It is estimated that not less than 130,000,000 tons of waste are heaped in the anthracite regions of Pennsylvania.

The latest discovery of the medical writers is that water is fattening, or at least that it favors fullness and roundness of the body.

Inoculation of rabbits with the bacillus of tubercular consumption is proposed as a method of exterminating them, in Australia.

A party of travelers recently made the journey from San Francisco to London, via New York and Liverpool, in a trifle less than fourteen days.

Paupers are still sold at auction in Nova Scotia to the lowest bidder. A very good article of distinguished family can be had for a few dollars.

A prominent physician of Athens, Ga., who has had many cases of sore throat lately, made an investigation and found that nearly every one of them was caused by cigarette smoking.

In Lincoln county, N. M., near the Pattos mountain, can be traced what were once the walls of a large city. Inside the walls are growing monster cedar trees, said to be thousands of years old.

Crockery coffins are proposed by a Philadelphia inventor. His idea is to glaze them, thus making a tight and imperishable receptacle, the object being to protect under-ground water currents from pollution.

To test his marksmanship a young man of Sonora fired at a crow. His aim was bad, for a young lady who was passing on the highway received the ball in her mouth, between her parted lips. She suddenly shut her teeth upon it and held it. Her only injury was a slight cutting of the lips and the breaking of the enamel on her upper front teeth.

"Two toes of my buried foot overlap each other and pain me dreadfully," said the wife of Jacob Bereau, of Marlboro, Mass. The leg had been amputated and buried one month. The husband, unknown to the wife, had the leg exhumed and the toes straightened out, and she said she knew by the relief that followed the exact moment when the act was performed.

Five hundred years B. C. the Etruscan ladies fastened their coils and braids with spear-shaped pins, as beautiful as they were useful. Some of them were made of ivory and some of bronze and silver. They were ornamented in various ways, some with busts carved upon them and some with full length reclining figures. Venus rising out of the sea and stroking back her wet hair was a favorite design.

In Iceland the woman have votes as well as voices in church affairs. The custom has existed there for ages, and is kept up by the Icelanders who have emigrated. There are in Dakota, Montana and Manitoba nearly a dozen Icelandic congregations. These recently met in convention at Mountain, Dakota and adopted a synodical constitution. There was considerable discussion, but finally it was decided by a two thirds vote that the women should continue to enjoy their ancient privilege.

In New Orleans strikingly beautiful women may be seen of a Sunday morning at the Cathedral, or at the French opera upon some special occasion. Their complexions are olive; their hair black and lustrous; their eyes large, dark and expressive; their hands and feet small; their figures slender and graceful; their carriage stately and dignified; their taste in dress exquisite. These types are by no means rare, but as a class it may be doubted whether the Creole women can be pronounced handsome.

In the first generation a man reckons only two ancestors, his father and mother. In the second the two are changed to four, as he had two grandfathers and two grand mothers. Each of these four had two parents, and thus in the third generation there are to be found eight ancestors, that is eight great-grandparents. In the fourth generation the number of ancestors is sixteen, in the fifth thirty-two, in the sixth sixty-four, in the seventh 128, in the tenth 1,024, in the twentieth 1,048,576, in the thirtieth 1,073,741,834. This may prove that the whole world is akin.

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To permit yourself and family to "suffer!"
With sickness when it can be prevented and cured so easily
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Having experienced a great deal of "Trouble!" from indigestion, so much so that I came near loosing my *Life!*
My trouble always comes after eating any food—

However light
And digestible,
For two or three hours at a time I had to go through the most
Excruciating pains,
"And the only way I ever got"
"Relief!"
Was by throwing up all my stomach contained. No one can conceive the pains that I had to go through, until
"At last?"
I was taken! "So that for three weeks I lay in bed and
Could eat nothing!
My sufferings were so that I called two doctors to give me something that would stop the pain; their
Efforts were no good to me.
At last I heard a good deal
"About your Hop Bitters!
And determined to try them."
Got a bottle—In four hours I took the contents of
One!
Next day I was out of bed, and have not seen a
"Sick!"
Hour, from the same cause since.
I have recommended it to hundreds of others. You have no such
"Advocate as I am."—Geo. Kendall, Allston, Boston, Mass.

Columbus Advocate, Texas, April 21, '83. Dear Editor:—I have tried your Hop Bitters, and find they are good for any complaint. The best medicine I ever used in my family. H. TALENER.

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HOUSEHOLD HINTS.

To polish a stove, rub with a newspaper.

Salt increases the heat of the water in the boiling of potatoes.

Half a cup of vinegar in water will make an old fowl cook quickly.

Lard may be made perfectly sweet by boiling a raw pared potato in it.

If nutmegs are good, when picked with a pin oil will constantly ooze out.

The wings of turkeys, geese and chickens are good to wash and clean windows, as they leave no dust or lint like cloth.

A charming design for a bureau or sideboard cover has clover blossoms and leaves in the natural colors, with a spider-web back-ground.

If you wet the under crust of a pie with milk just before putting into the oven it will be a rich and yet delicate brown without baking until the crust crumbles.

BY a Japanese process sea-weed is made into paper, so transparent that it may be substituted for window glass. When colored it makes an excellent imitation of stained glass.

It is claimed that a paste made of equal parts of sifted ashes, clay and salt, with a little water, will be found very effective for filling and cementing cracks in stoves and ovens.

To keep insects out of bird cages, tie up a little sulphur in a bag and suspend it in the cage. Red ants will flee from a closet or drawer, if a small bag of sulphur be kept in those places.

Graham mush is a good substitute for rice pudding on some occasions. Make just as you do cornmeal mush, but add a few berries or raisins or English currants. Serve with milk and sugar.

A refreshing beverage for an invalid is made by slicing a tart apple after peeling it and adding a small piece of lemon peel and three lumps of sugar; pour boiling water over it and strain.

Potato crust for meat pie is made by adding one teacupful of cream to six large potatoes that have been boiled and mashed fine. Add flour enough to roll and a little salt, and handle as little as possible.

Many cooks consider it a great improvement upon ordinary apple sauce which is to be served with roast goose or with pork, to rub it through the cullender, and then beat it with a spoon until it is very light and almost like pulp.

Brass ornaments, that have not been gilt or lacquered, may be cleaned and a very brilliant color given to them, by washing them with alum boiled in strong lye, in the proportion of an ounce to a pint, and afterward rubbing them with a strong tripoli.

Corks may be made air and water tight by keeping them for five minutes under melted parafine; they must be kept down with a wire screen. These corks have a perfectly smooth surface and may be introduced or drawn out easily and seal perfectly.

A nice breakfast relish may be made by slicing cold sweet potatatoes and setting them in the oven to warm. Thicken some milk or cream with a little flour and season with butter, pepper and salt. When the potatoes are hot pour the sauce over them and serve.

Scotch short bread made by this recipe is recommended: Half a pound of butter and a quarter of a pound of sugar mixed to a cream; add one pound of sifted flour, knead and rool it half an inch thick. Bake slowly. If the cake is preferred very sweet use six ounces of sugar.

Any kind of cold boiled fish may be utilized for breakfast or lunch. Pick the fish into flakes and put it into a saucepan with enough milk to moisten it, seasoning with pepper and salt. Add a little butter, and when quite hot pour it on buttered toast, garnishing with hard-boiled eggs, cut in slices.

If you want a good cream cake, put three teaspoonfuls of baking powder into two cups of flour and sift the mixture into a bowl. Beat the yolks of four eggs light, then add one and one-half cups of sugar to them and beat together a few minutes. Pour into the flour and mix well, then add one-half cup of boiling water, then the beaten whites of three eggs. Flavor with vanilla and bake in jelly tins. Whip one cup very cold, thick, sweet cream and one small cup of sugar together, and put with chopped figs between each layer of cake.

Helpless Upon a Friendless Sea!

Who, in taking passage in a great transatlantic steamer, does not feel a thrill of exultation over her magnificent power. Against her the Storm King may hurl his elemental forces, nor pierce her armor, nor stop her onward course.

But let me describe a scene when, one morning in mid-ocean, there came an alarm from the pilot house followed by a cry: "The ship's rudder is lost!" From the confident expression, consternation came to every face. The wheelman being helpless to direct her course, the vessel was at the mercy of wind and wave.

The captain had been negligent in the hangings of the rudder were allowed to wear weak, and suddenly it had dropped deep into the sea!

Strong in intellect, in physical vigor, in energy and ambition, he can confronts, undaunted, gigantic ills and commands applause for his proficient excitements. But, all unexpected, an alarm come—the rudder of his constitution is gone. He has been careless of its preservation; mental strain, previous achievements, irregular habits, overwork, have destroyed the action of his kidneys and liver. This would not occur were Warner's safe cure used to maintain vigor. And even now it may restore vitality to those organs and give back to the man that which will lead him to the height of his ambition.—*The Traveler.*

A CARD.

To all who are suffering from the errors and indiscretions of youth, nervous weakness, early decay, loss of manhood, &c., I will send a recipe that will cure you, FREE OF CHARGE. This great remedy was discovered by a missionary in South America. Send a self-addressed envelope to the Rev. JOSEPH T. INMAN, Station D, New York City.

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Ask for Wells' "Rough on Corns." 15c. Quick complete cure. Hard or soft corns, warts, bunions.

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Quick, complete cure, all kidney, bladder and urinary diseases, scalding, irritation, stone, gravel, catarrh of the bladder. $1, druggists.

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"Wells' Health Renewer" restores health and vigor, cures dyspepsia, impotence, sexual debility $1.

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Cures cholera, colic, cramps, diarrhœa, aches, pains, sprains, headache, neuralgia, rheumatism. 25c. Rough on Pain Plasters, 15c.

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If you are failing, broken, worn out and nervous, use "Well's Health Renewer." $1. Druggists.

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If you are losing your grip on life, try "Wells' Health Renewer." Goes direct to weak spots.

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Cures piles or hemorrhoids, itching, protruding, bleeding, internal or other. Internal and external remedy in each package. Sure cure, 50c. Druggists.

Pretty Women.
Ladies who would retain freshness and vivacity, don't fail to try "Well's Health Renewer."

"Rough on Itch."
"Rough on Itch" cures humors, eruptions, ringworm, tetter, salt rheum, frosted feet, chilblains.

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Corrects offensive odors at once. Complete cure of worst chronic, also unequaled as gargle for diphtheria, sore throat, foul breath. 50c.

The Hope of the Nation.
Children, slow in development, puny, scrawny and delicate use "Wells' Health Renewer."

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"Water Bugs, Roaches."
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