

FARM, GARDEN AND HOUSEHOLD.

The Loss of Ammonia. The loss of ammonia in manures is a question frequently discussed. The experiment of Dr. Voelcker with fresh horse manure, gathered from the stables before being mixed with the heaps, will, no doubt, interest and surprise many. In one experiment the amount of ammonia, which was drawn out by long-continued boiling, amounted to 6.6 pounds per ton, which, at twenty cents per pound, would amount to \$1.32 per ton.

Grafting is an operation that had better be done too late than too early. The best time is when the buds on the stock are swelling, and if necessary shall be continued until the trees are in full bloom. At this season the bark slips readily, and much care will be required when sawing off a limb not to make a bad wound by peeling down. This can be prevented in great part by cutting through the bark with a strong knife all round the limb where the saw is to go. Buds should be left upon the stock until the union of the graft is insured, which will be known by the buds of the graft starting into growth.

Farm and Garden Notes. Heliotropes need moisture and heat to strike root, but potted in a sandy soil, with a glass tumbler placed over them, they will root quickly in May or any summer month.

In the year 676 A. D., "Messengers were sent out," according to Bede, from Wearmouth, England, to Gaul, France, to fetch makers of glass (artificers) "who were at that time unknown in England, that they might glaze the windows of the church, with the cloisters and dining-rooms." Bede adds that "they taught the English nation their handicraft, which was well adapted for inclosing the lanterns of the church and for the vessels required for various uses."

Give each fruit tree in the garden at least a few shovelfuls of manure, and if the same treatment is extended to the orchard, a good return will be made. The way to obtain abundant crops of fruit every year is to manure the trees yearly.

One of the best remedies for the currant and gooseberry worm is to sprinkle the bushes with a strong solution of copperas water, using a gallon of water to a quart of a pound of copperas, and applying it from a watering-pot, a single application killing the worms as "dead as a door-nail."

Grease is fatal to all insect life. Insects breathe by means of small pores on their sides. Grease or oil that comes in contact with the insects closes the pores and stops the breathing. Mercurial ointment kills as much by the lard in it as by the mercury—that is, so far as the vermin are concerned, but not as to the animals that lick it off from their bodies, so that almost any oily or greasy application will be destructive to insect vermin that infest animals, if it is applied where it will do the most good.

After reading all that has been written by the best authorities on the subject of deep and shallow plowing the farmer must still be guided by his own judgment. In some soils it would be ruinous to plow deep. Where there is a rich soil four or five inches deep, immediately underlain with the same depth of sand or gravel, to plow deep would be to exchange a good soil for a poor one. In all soils of this kind go down gradually, and enrich as you go. For all grasses except clover, wheat, barley and oats, the richest soil must be on the top to give the best results.

Household Hints. Cut hot bread or cake with a hot knife and it will not be clammy. Camphor placed in drawers or trunks will prevent mice from doing them any injury.

Sour milk removes iron rust from white goods. To make silk which has been wrinkled appear exactly like new, sponge it on the surface with a weak solution of gum arabic or white glue, and iron on the wrong side.

When cooking spinach, substitute a little piece of bacon for the salt pork usually cooked with it to season it. The nicest way to serve it is to put it in individual vegetable dishes, and put a bit of the bacon in each dish. Hard boiled eggs, sliced when cold, are also liked with the greens.

Apple fritters.—Sift one pound of flour into a pan; stir in as much new milk as will make it a stiff batter, and one large spoonful of good yeast and a little salt; set it to rise; when risen grate the rind of two lemons carefully, and two well-beaten eggs; mix these well into the batter, then set it to rise again until wanted for dessert; then have ready about eight or nine tart apples, pared and sliced half an inch in thickness; then dip each slice of apple into this risen batter, and drop them into boiling lard, of which there must be plenty in the pan; as they brown on one side turn them and brown the other, and lay them in a hot colander to drain; as they are laid on the hot dish for table sift over each layer ground cinnamon and loaf sugar. They are very nice. If a small quantity is desired use only half a pound of flour.

Pork and Kidney Pudding.—For a quart basin mix a quarter of a pound of suet, finely shred, with one pound of flour, make it into a paste with a gill and a half water. Roll it out and beat it in order to break up any lumps of suet; line a greased basin with the paste, reserving sufficient to make a cover to the pudding. Cut thick slices from the chump end of a forelock of pork, put a layer at the bottom of the basin, sprinkle pepper and salt over, then a layer of sausage meat and a layer of mutton or pork kidneys cut in quarters, and so on until the basin is nearly full. About one pound and a half of pork, one pound of sausage meat and three kidneys will be enough for a quart basin. Pour in as much stock, water or gravy made from the bones of the pork as the basin will hold; put on the lid of paste and, having tied the pudding over with a cloth, boil it for two hours.

For Baked Hominy Grits.—Take one quart milk, one cupful hominy, two eggs, and a little salt; salt the milk and boil, then stir in hominy and boil for twenty minutes; set aside and fully cool; beat eggs to a stiff froth, and then beat them well and hard into the hominy; bake half an hour.

Nice Lemon Beer.—Slice two good sized lemons, put with them one pound of sugar, over these pour one gallon of boiling water, and when about milk warm add one-third cup of yeast. Let it stand over night and it is ready for use.

Rice Snowballs.—Soil six ounces of rice in one quart of milk, with sugar and a flavoring of almonds, until the rice is tender, adding a little more milk should it dry away too much. When the rice is soft put it into tea-cups and let it remain until cool, then turn the rice out into a deep glass dish, pour over it one pint custard, and on the top of each ball place a bright-colored piece of jelly. Lemon peel or vanilla may be used instead of almonds, but the flavoring of the custard must correspond with that of the rice.

History of Glass. In the year 676 A. D., "Messengers were sent out," according to Bede, from Wearmouth, England, to Gaul, France, to fetch makers of glass (artificers) "who were at that time unknown in England, that they might glaze the windows of the church, with the cloisters and dining-rooms." Bede adds that "they taught the English nation their handicraft, which was well adapted for inclosing the lanterns of the church and for the vessels required for various uses."

When about twelve years old said Mr. Geisman, of the Globe Chop House to our representative, I met with an accident with a horse, by which my scull was fractured, and ever since I have suffered from the most excruciating rheumatic pains. Of late I applied St. Jacobs Oil which has given me almost total relief.

Recent Postoffice Rules. Feather beds non-mailable. Eggs must be sent when new. A pair of onions will go for two cents. Ink bottles must be corked when sent by mail.

Over three pounds of real estate are not transmissible. Parties are compelled to lick their own postage stamps and envelopes; the postmaster cannot be compelled to do this.

An arrangement has been perfected by which letters without postage will be immediately forwarded—to the dead letter office.

Parties are earnestly requested not to send postal cards with money orders enclosed, as large sums are frequently lost in that way.

Nitro-glycerine must be forwarded at risk of sender. If it should blow up in the postmaster's hands he cannot be held responsible.

When letters are received bearing no direction, the parties for whom they are intended will please signify the fact to the postmaster, that he may at once forward.

A NEVADA STORY.

The Strange Tree That Got Mad and Made Itself Utterly Disagreeable.

A gentleman of this place has a tree which is a species of acacia. It was grown from a seed brought from Australia. The tree is now a sapling some eight feet in height, and it is in full foliage and growing rapidly. It is leguminous and very distinctly shows the characteristics of the mimosa, or sensitive plant. Regularly every evening, about the time the "chickens go to roost," the tree goes to roost. The leaves fold together, and the ends of the tender twigs coil themselves up like the tail of a well-conditioned pig. After one of the twigs has been stroked or handled the leaves move uneasily and are in a sort of mild commotion for a minute or more. All this was known about the tree, but it was only yesterday that it was discovered that the tree has in it much more of life and feeling than it had ever before been credited with. The tree being in quite a small pot, one which it was fast outgrowing, it was thought best to give it one of much larger size. Yesterday afternoon the tree was transferred to its new quarters. It resented the operation of its removal to the best of its ability. Arriving at his residence about the time the tree had been transplanted, the gentleman found the house in a grand commotion. On asking what was up, he was told that they had transplanted the tree according to orders and the operation had "made it very mad." Hardly had it been placed in its new quarters before the leaves began to stand up in all directions like the hair on the tail of an angry cat, and soon the whole plant was in a quiver. This could have been endured, but at the same time it gave out an odor most pungent and sickening—just such a smell as is given off by rattlesnakes and many other kinds of snakes in summer when teased. This odor so filled the house and was so sickening that it was found necessary to open the doors and windows. It was fully an hour before the plant calmed down and folded its leaves in peace. It would probably not have given up the fight even then had it not been that its time for going to roost had arrived. It is probably needless to add that the whole household now stand in not a little awe of the plant as being a thing more animal (or reptile) than vegetable.—Virginia City Enterprise.

Charles Nelson, Esq., Proprietor Nelson House, speaking to us recently, observed: "I suffered so much with Rheumatism that my arm withered, and physicians could not help me. I was in despair of my life, when some one advised me to try St. Jacobs Oil. I did so, and as if by magic, I was instantly relieved, and, by the continued use of the Oil entirely cured. I thank heaven for having used this wonderful remedy, for it saved my life. It also cured my wife."

History of the Old Red Cent. As the old "red cent" has now passed out of sight, like the "old oaken bucket," its history is a matter of sufficient interest for preservation. The cent was first proposed by Robert Morris, and was named by Jefferson two years later. It made its appearance from the mint in 1792. It bore the head of Washington on one side and thirteen links on the other. The French revolution soon created a rage for French ideas in America, which put on the cent instead of the head of Washington the head of the Goddess of Liberty—a French Liberty. The chain on the reverse side was displaced by the olive wreath of peace; but the French Liberty was short lived, and so was her portrait on our cent. The next head or figure that succeeded this—the staid, classic dame with a fillet around her hair—came into fashion about thirty or forty years ago, and her finely chiseled Grecian features have been but slightly affected by the lapse of time.

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The little village of Abilene, Kansas, is noted for having six churches. It has only one newspaper, and that is a weekly; but Abilene is nevertheless ahead of all other towns in this season's competition in the matter of warm weather stories. A farmer living near Riley Center—so it is printed—started for Garrison with a load of hogs; but the sun was warm, and the hogs were fat, and when the farmer arrived in Garrison, his eighty-five dollars worth of pork had melted, and leaked through the bottom of the wagon box.

Malarial Fever, constipation, torpidity of the liver and kidneys, general debility, nervousness and neuragic ailments yield readily to this great disease-conqueror, Hop Bitters. It repairs the ravages of disease by converting the food into rich blood, and it gives new life and vigor to the aged and infirm always. See "Proverbs" in other column.

Even if a man has two laws he generally wants a lawn mower.—Detroit Chaff.

HOW TO SECURE HEALTH. It is strange any one will suffer from derangements brought on by impure blood, when SCOTT'S EMERALD PILL will restore health to the physical organization. It is a strengthening, purgative, and the BEST BLOOD PURIFIER ever discovered, curing Scrophulous Disorders, Weakness of the Kidneys, Erysipelas, Malaria, Nervous disorders, Debility, Bilious complaints and Diseases of the Blood, Liver, Kidneys, Stomach, Skin, etc.

Tanner's German Ointment cures Burns, Cuts, Wounds, Sores, Sprains, Chills, etc., soothes inflammation, and relieves pain in the side, chest, shoulders, etc.

WARRANTED FOR 34 YEARS AND NEVER FAILED. TO CURE Croup, Spasms, Diarrhoea, Dysentery and Sea Sickness, taken internally, and GUARANTEED perfectly harmless, also externally, Cuts, Bruises, Chronic Rheumatism, Old Sores, Pains in the limbs, back and chest. Such a remedy is Dr. TOLBIAN'S VESICANT LINIMENT.

25 Cents will Buy a Treatise upon the Horse and his Diseases. Book of 100 pages. Valuable to every owner of horses. Postage stamps taken. Sent by NEW YORK NEWSPAPER UNION, 150 West Street, New York.

There is a colored man on Mr. G. M. Ray's plantation, at Rockfish, N.C., who is a real wonder to his neighbors. He has lived with his old master ever since the war, and has never asked for money, has never missed a day's work, has never left home, has never associated with his own race, and has never been known to do a culpable act.

A Remedy of Many Cases. Hostetter's Stomach Bitters, while it is not a cathartic, achieves a host of good effects, and is useful in a variety of cases. By invigorating the organs of digestion it overcomes dyspepsia and its many and complex symptoms, imparts vitality to the physique, promotes appetite and sleep and overcomes the debility which is a mental, sympathetic accompaniment of dyspepsia. It is an admirable remedy for disorder of the liver, rousing that organ when dormant, and promoting the secretion and flow of healthy bile into the proper channel. It relaxes without weakening or convulsing the bowels, and checks their irregularity. It arrests a growing tendency to rheumatism, depriving the blood and increasing the activity of the kidneys, and it is the best remedy in existence for chills and fever, and bilious remittent, as well as a tried preventive of those maladies.

The word "hurrah" is pure Slavonian. The origin of the word comes from the idea that every man who dies heroically goes straight to "Hu-ray," heaven, and the word is shouted in the shock of battle to remind the combatants of the immediate recompense of a brave death.

Indigestion. The main cause of nervousness is indigestion, and that is caused by weakness of the stomach. No one can have sound nerves and good health without using Hop Bitters to strengthen the stomach, purify the blood, and keep the liver and kidneys active, to carry off the poisonous and waste matter of the system. See other column.

Quince Seed.—Quince seed is good for sore and inflamed eyes. Take about one-half dozen quince seeds, put about a tablespoonful of scalding water on them; let them stand till cool, and bathe the eyes just before going to bed in the morning.

The "Gode Help" Those who help themselves, and Nature invariably helps those who take Warner's Safe Kidney and Liver Cure.

The government has spent \$25,000 in investigating the locust, army worm and grasshopper, and the only result thus far reported is that none of them wear spectacles.—Puck.

Bed-Bugs, Roaches, Rats, cats, mice, ants, flies, insects, cleared out by "Bough on Rats," 15c., druggists.

VEGETINE is now prescribed in cases of Scrophula, and other diseases of the blood, by many of the best physicians, owing to its great success in curing all diseases of this nature.

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Vegetine For Nervousness, Sleepless Nights.

DEAR SIR—I do not believe in puffing, nor would I endorse a humbug, but I consider it no more than just to state to you that I have used Vegetine for about a year, and it has done for me what no other medicine could. I was suffering from nervousness, which had caused me great suffering and sleepless nights. I had tried many different remedies, but all failed. I finally thought I would try Vegetine, and I am glad to say that it has done for me what no other medicine could. I am now in perfect health, and I can sleep peacefully at night, and my appetite is good. I would recommend it to all who are suffering from nervousness, and I would be glad to send you a copy of my letter to the publisher of Vegetine, if you will send me a card.

CELLULOID EYE-GLASSES. Representing the choicest selected Tortoise-Shell and Amber. The lightest, handsomest, and strongest known. Sold by Opticians and Jewelers. Made by SPENCER OPTICAL CO., 113 Maiden Lane, New York.

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It is happily ordained that grandparents shall always take the part of the little folks, and the little folks know it. Down in Salem the other day a bright little girl was sent to get some eggs, and on her way back stumbled and fell, making sad havoc with the contents of her basket. "Won't you catch it when you get home, though?" exclaimed her companion. "No indeed, I won't," she answered, "I've got a grandmother."—Boston Budget.

THE GREAT GERMAN REMEDY FOR RHEUMATISM, NEURALGIA, SCIATICA, LUMBAGO, BACKACHE, GOUT, SORENESS OF THE CHEST, SORE THROAT, QUINSY, SWELLINGS AND SPRAINS, FROSTED FEET AND EARS, BURNS AND SCALDS, General Bodily Pains, TOOTH, EAR AND HEADACHE, AND ALL OTHER PAINS, ACHES.

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HOP BITTERS NEVER FAIL. If you are a man of business, your duties avoid the use of Hop Bitters. If you are young and delicate, or single, old or poor, health or languor, Hop Bitters will cure you. If you are suffering from any of the above, Hop Bitters will cure you. If you are suffering from any of the above, Hop Bitters will cure you.

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