

Farmer's Department.

GARDEN AND FARM ITEMS.

The winter wheat area of the United States this year is about 27,600,000 acres.

Every weed that secures growth on a field deprives the soil of so much fertility, and robs the crop to that degree.

Half a teaspoonful of common table salt dissolved in a little cold water and drink will relieve "heartburn" or dyspepsia.

If more attention was given to raising roots, beets, carrots, etc., in this country to feed cattle and sheep there would not have been such a cry for ensilage.

Sponges which are to be used in the bath room may be softened by boiling for a few minutes in three waters. After each time of boiling rinse it in cold water.

There is no doubt that sulphur will assist materially in preventing fungus growth in other plants as well as potatoes, and it would be well if farmers give it a trial for such purposes.

It is said by one that ought to know, that cold tea is a good fertilizer for house plants, and that occasionally it is a good plan to put some tea grounds or leaves in the earth round the plant roots.

The land that is well drained can be worked soon after rains and endure the drought better, while the ground warms earlier in the spring, and permits of more abundant crops and better tillage.

In New South Wales the camelia grows to the size of a large tree, covered with blossoms, which are largely worn by the fair sex, who do not find them such expensive luxuries as do their English sisters.

Success in raising house-plants may be forwarded by using soil two-thirds of which is garden soil, and the rest sand. It should be kept light and loose about the roots, and the plants watered only as they appear to need it.

An excellent preparation for softening the hands is made of equal parts of lamb suet and of glycerine; melt them gently together, add a few drops of some perfume, and use after bathing; rub a little thoroughly into the skin.

Leatheroid is a new substance manufactured in Maine, principally of cotton paper. It looks like leather, but is harder and very elastic, and no amount of tossing about or hammering will break it. This suggests its use for trunks.

Cows neglected through the winter, now need careful attention. A warm barn slop, with a little ginger, should be fed daily. Calves may be freed from vermin by a mixture of lard and sulphur rubbed along the back and sides.

It may be difficult to restore the gloss to patent leather when it has once lost it, but to retain it from the first is a very easy matter. Never touch the blackening brush to it. Rub the mud off with a damp sponge dry and with a soft cloth. Rub with a little cream or castor oil.

A process for imparting resonance to Britannia metal, pewter and other metallic alloys that usually give out a dull sound when struck, consists in submitting the metallic objects for a brief period to a bath of oil or paraffin, at a temperature just below the melting point of the alloy operated upon.

The roots of any tree are important. Never buy a tree with poor roots because it has a good top, better buy a tree with good roots and poor top, than the one with the most beautiful top, with poor roots; for with good roots there is a chance to make a good top, but without roots the best tops must die.

Farm and Garden says: "For permanent pastures marl is one of the most beneficial substances, that can be used, whether the soil be light or heavy, and on newly-seeded grass lands it is almost sure to guarantee a good soil. Considering its chemical values, marl is usually sold for about one-third the price it is materially

worth, and it is almost impossible to fail in securing more benefit from its use than the cost of procuring it."

When a horse comes off a journey the first thing is to walk him about till he is cool, if he is brought in hot. This prevents him from taking cold. Lot his legs be well rubbed by the hand. Nothing so soon removes strain. It also detects thorns or splinters, soothes the animal, and enables him to feed comfortably.

A German inventor proposes to use silk in the formation of cannon. His idea is to wrap a steel tube with silk until a diameter is attained corresponding with the ballistic power which is required for the cannon. Silk possesses a tenacity as great as that of the best tempered steel, and has the advantage of a superior elasticity.

To raise a new kind of potato take two potatoes of equal size, red and white, or black and blue—the two latter are not very common now. Take any two different kinds, cut them through the middle; now take the top end of one, and the bottom end of the other, without any eyes; place the two cut sides together as soon as cut, and plant them thus in the ground. The sap of the one body goes to the other, and a hybrid potato is the result.

An acre of land contains 43,500 square feet. To cover this with manure two inches deep, as farmers sometimes tell of manuring their fields, would require a pile of manure more than thirty feet square and eight feet deep, or nearly fifty-seven cords per acre. Very few farmers ever put on that amount. The common ox-cart or waggon, holding thirty bushels of potatoes, needs to be heaped pretty well to hold one hird of a cord of manure.

THE WHITE GRUB.—This enemy of the farmer is becoming more common and more destructive every year. One reason, probably, is that the birds which eat them have been thinned off, thus destroying the balance which nature seeks to maintain. The common crow preys upon these grubs, and so also does the skunk, but whether the latter is worth preserving for this service is very doubtful. It is a good plan to destroy all the beetles that are possible of the varieties that lay the eggs which hatch into grubs. Of these the May bug is the most numerous, which may be killed in large numbers by building fires out-doors in the season when they are flying. Keeping land ploughed with infrequent seeding will prevent the increase of grubs, but this plan requires so great a supply of manure that it is not practicable for most farmers.

When flattery is unsuccessful, it is but the fault of the flatterer.

Henry Clement, Almonte, writes: For a long time I was troubled with chronic rheumatism, at times wholly disabled; I tried anything and everything recommended, but failed to get any benefit, until a gentleman who was cured of rheumatism by Dr. Thomas' Electric Oil, told me about it. I began using it locally and internally, and before two bottles were used I was radically cured. We find it a household medicine, and for cramp, burns, cuts and bruises, it has no equal.

Leap year advice—Be sure your victim is rich before you jump at him.

A Thing of Beauty. The most brilliant shades possible, on all fabrics are made by the Diamond Dye. Unequaled for brilliancy and durability. 10c. at druggists. Send 2c. for 32 Sample Colors. Wells, Richardson & Co., Burlington, Vt.

Patience is the panacea; but where does it grow, or who can swallow it?

The "constantly tired out" feeling so often experienced is the result of impoverished blood and consequent enfeebled vitality. Ayer's Sarsaparilla feeds and enriches the blood, increases the appetite, and promotes digestion of the food and the assimilation of its strengthening qualities. The system being thus invigorated, the feeling rapidly changes to a grateful sense of strength and energy.

Those sentiments of love which flow from the heart cannot be frozen by adversity.

Don't You Do It.

Don't suffer any longer with the pains and aches of Rheumatism, which make life a burden to you. It lies, speedy and permanent can be produced at the nearest drug store, in the form of Kidney-Wort. Elbridge Malcolm of West Bath, Maine says: 'I was completely prostrated with Rheumatism and Kidney troubles and was not expected to recover. The first dose of Kidney-Wort helped me. Six doses put me on my feet, it has now entirely cured me and I have had no trouble since.'

'Ye p'ys no more attention to me,' said Patrick to his children, 'than if I was a dumb beast talking to yer.'

Mrs. A. Nelson, Brantford, writes: 'I was a sufferer from Chronic Dyspepsia for eleven years. Always after eating, an intense burning sensation in the stomach, at times very distressing caused a drooping and languid feeling, which would last for several hours after eating. I was recommended by Mr. Popplewell, Chemist, of our city, to try Northrop & Lyman's Vegetable Discovery and Dyspeptic Care, and I am thankful to say that I have not been better for years; that burning sensation and languid feeling has all gone, and food does not lie heavy on my stomach. Others of my family have used it with the best results.'

One acre of ground in lawn and garden is sufficient to maintain the family cow in any village or rural locality.

Dr. M. Souvialle's Spirometer Given Free

Encouraged by the fact that during the last five years thousands of patients who have used my Spirometer have been cured of Asthma, Bronchitis, Catarrh, Catarrhus-Deafness, Consumption, or Weak Lungs, and finding that many who could be cured are financially unable to procure the instrument. I WILL GIVE THE SPIROMETER FREE to any one suffering from any of the above ailments who will call at 173 Church Street, Toronto, and consult the Surgeons of the International Throat and Lung Institute. The medicines above to be paid for. If unable to call, write for particulars and treatment which can be sent by express to any address. Dr. M. SOUVIALLE, Ex-Aide Surgeon, French Army.

If store polish is mixed with very strong soap suds, the lustre appears immediately, and the dust of the polish does not fly around as it usually does.

What makes me laugh when others sigh? No tears can ever bedew mine eye. It is because I always buy—Briggs' Life Pills.

Another determined suicide by jumping into the river was committed at Montreal recently, the victim being a respectably dressed man, unknown.

SORE EYES.—The Golden Eye Salve is one of the best articles now in the market for sore or inflamed eyes, weakness of sight, and granulation of the lids.

We are all inventors, each sailing out on a voyage of discovery, guided each by a private chart, of which there is no duplicate. The world is all gates, all opportunities strings of tension waiting to be struck.

What makes me bold and stout, And all my friends can't make it out, I really could not live without—Briggs' Life Pills.

The strongest passions allow us some rest, but vanity keeps us perpetually in motion. What a dust do I raise! says the fly upon a coach wheel. And what a rate do I drive! says the fly upon the horse's back.

HAVE YOU TRIED IT?—If you can testify to its marvellous power of healing and to our merit to your friends. We refer to Briggs' Magic Balm, the grand specific for all summer complaints, diarrhoea, cholera morbus, dysentery, cramps, colic, sickness of the stomach, and bowel complaint.

An effort made for the happiness of others lifts us above ourselves.

SPARKMENT.—Unites and repairs everything as good as new. Glass, china, stone, earthenware, ivory, wood and leather, plates, sticks and precious stones, plates, mugs, jars, lamp glasses, chimney ornaments, Picture Frames, Jewels, trinkets, toys, etc.

Soap don't cost as much as diamonds but lots o' people don't seem to be able to afford both.

BRIGGS' GENUINE ELECTRIC OIL.—Electricity feeds the brain and muscles; in a word it is nature's food. The Electric Oil possesses all the qualities that it is possible to combine in a medicine, thereby giving it a wider range of application, as an internal and external remedy, for man and beast. The happiest results follow its use, and in nervous diseases, such as rheumatism, neuralgia, and kindred diseases, it has no equal.

An Old Soldier's EXPERIENCE.

Calvert, Texas, May 3, 1882.

"I wish to express my appreciation of the valuable qualities of

Ayer's Cherry Pectoral

as a cough remedy. "While with Churchill's army, just before the battle of Vicksburg, I contracted a severe cold, which terminated in a dangerous cough. I found no relief till on our march we came to a country store, where, on asking for some remedy, I was urged to try AYER'S CHERRY PECTORAL.

"I did so, and was rapidly cured. Since then I have kept the PECTORAL constantly by me, for family use, and I have found it to be an invaluable remedy for throat and lung diseases. J. W. WHITLEY."

Thousands of testimonials certify to the prompt cure of all bronchial and lung affections, by the use of AYER'S CHERRY PECTORAL. Being very palatable, the youngest children take it readily.

PREPARED BY

Dr. J. C. Ayer & Co., Lowell, Mass.

Sold by all Druggists.

KIDNEY-WORT THE SURE CURE FOR KIDNEY DISEASES, LIVER COMPLAINTS, CONSTIPATION, PILES, AND BLOOD DISEASES. PHYSICIANS ENDORSE IT HEARTILY. "Kidney-Wort is the most successful remedy I ever used." Dr. F. C. Talbot, Wankton, Vt. "Kidney-Wort is always reliable." Dr. H. N. Clark, So. Hero, Vt. "Kidney-Wort has cured my wife after two years suffering." Dr. C. M. Sumner, Sun Hill, Ga. IN THOUSANDS OF CASES it has cured where all else had failed. It is mild, but efficient, CERTAIN IN ITS ACTION, but harmless in all cases. IF it cleanses the Blood and Strengthens and gives New Life to all the important organs of the body. The natural action of the Kidneys is restored. The Liver is cleaned of all disease, and the Bowels move freely and healthily. In this way the worst diseases are eradicated from the system. PRICE, \$1.00 BOTTLE OR BOTT, SOLD BY DRUGGISTS. Dry can be sent by RAIL. WELLS, RICHARDSON & CO., Burlington, Vt. KIDNEY-WORT

SI will buy 12 assorted Bahla Balls or Scotch Fir Trees. JAMES BENNIK, Sweden, Toronto.

For worms in children, be sure and inquire for Stitzer's Vermifuge Candy. The genuine article bears the signature of the proprietor on each box. The public are respectfully informed that the Vermifuge Candy can be purchased of the principal druggists and dealers throughout the United States and Canada.

What shoemaker is that who makes shoes without leather? The farrier.

A FAMILY MEDICINE—over ten thousand boxes of Briggs' Life Pills are sold yearly in the Dominion of Canada, which is the best guarantee of their quality and the estimation in which they are held as a family medicine.

An Admiral after Mr. Gladstone's own heart—Admiral "New-it."

So if you read, or grieve, or mill, Pray, do not pay a do to the mill. But take a dose of Briggs' Life Pills.

There are 100,000 deaths yearly in the metropolis of London.

Many sink into an early grave by a neglect of immediate attention to a slight cough which could be stopped in its infancy by a few cents bottle of Dr. Water's Palmes Candy.

Common soft soap well rubbed on mildew stains and exposed to the sun will take them out entirely.

A RUN-FOR-LIFE—A letter was received in two hours and ten minutes by a patient for a bottle of Briggs' Electric Oil. Good time, but poor policy to be so far from a drug store without it.