

THE MAGAZINE GUARDIAN

Teachers, Parents, Pupils, Farmers, Dairy men, Horsemen

THE SCHOOL AND THE HOME

GRANDMA'S GARDEN LONG AGO.

In grandma's garden long ago, A little girl I used to know, In fancy still I seem to see, Picking a flower in her glee. To twine among her sunny hair, The sweet, old-fashioned flowers that grow.

Women! It's Cheap! Use Lemon Juice and Make Lotion

To keep your skin and complexion naturally soft, white and clear at all times you simply must use a lotion or cream every day. But choose the one that is best and costs the least. The juice of two fresh lemons strained into a bottle containing three ounces of orchard white makes a whole quart of the most remarkable beauty lotion at about the cost one must pay for a small jar of ordinary cold creams.

AMONG THE HORSES

POULTRY

A little granulated charcoal mixed in the soft food will generally check bowel trouble in chicks. Do not forget that in the poultry yard for 1918 a real good pen or flock has never paid better than at present. When the Indian Runner duck has reached a marketable age, she has nearly completed her growth, and has little left to do but complete her plumage and begin to lay.

AMONG THE HORSES

THE HORSE

Having got the horse dry and bandaged and rugged, have a bran and linseed mash prepared with a few oats and three or four tablespoonsful of treacle. Offer some chilled water now, and then after the horse has drunk or refused it, give a fever drench. And here let me observe that not one room or carter in ten, unless previously instructed gives a drench correctly. First get a piece of wide, strong webbing about 12 or 15 inches long, and make a loop of it around a spade handle, or inside of a door. Get a stick at the top through a hole in the door, and push it through the horse's mouth to stand upon, put a hempen halter on the horse, very loosely secured with a knot in the nose-band—Le., room to open upper jaw. Turn the horse round from the manger, place loop over the upper jaw behind the incisor teeth, then place the loose end of the halter and the stick, holding the loop in the hands of an attendant, and then elevate the head. The giver of the drench, standing on the off side, having poured it into a drench tin, or an empty champagne bottle, or a wrapped round with a cloth, in case of breakage, gives slowly in small quantities, dropping the head if coughing occurs. Have plenty of patience; it is not easy for the animal to swallow in such an unnatural position. If he holds the drink, tickle the roof of the mouth with the finger. Do not pinch the throat, do not shout, but be gentle. Do not use a stable fork to lift the head. If there is going to be a gymnastic exhibition a fork is a very dangerous instrument for all concerned.

FARM

CHILLS, COLDS, AND CATARRH.

The grain ration should be slightly increased as work commences, and grains less laxative in their effect should be used. Rail fences might very profitably be replaced with wire fences this year, especially since the rails will bring good prices as fuel. Look over the garden tools and see that they are in good shape for the coming year. Perhaps you may need one or two new ones. See that all the other implements, such as the drill, the disc, etc., have been cleaned up and put in good shape for the spring drive. Get the grain chopped for spring and summer use. This will save many trips to the mills and may mean real money to you before the summer is over. If you are planning to do any drain work in 1918, the tile should be ordered now, so that you may be sure of your order being filled in a reasonable time. Horses should be out every day and exercised regularly, so that their bodies become accustomed to the collar. Most cases of sore shoulders result from ill-fitting collars. All seed obtained from seedmen should be tested. This applies also to seed held over from last year. No seed whatever should be sown until the percent of germination is known. If, by any chance, plans have not been made for the 1918 garden, it should be done at once, so that you will know just how much seed will be required and how much space will be taken up. Harness should be gone over carefully, cleaned and oiled to stand the spring mud and the summer heat and wear. Thorough washing and rubbing with neatfoot oil will save you dollars in new harness. Get manure out in the field now while there is time. This will save labor in the summer and will provide much-needed exercise for the horses. There will be plenty of opportunity when the snow is not too deep. Some people wash the shoulders with a brine solution and claim that this hardens the shoulders. If this is done, however, shoulders must be dried thoroughly after washing, or the brine will harden and make the washing worse than useless. The harrows will do twice as good work if they have been cleaned up and sharpened. Be sure and wash the blacksmith that he must not make them too brittle or destroy the temper of the steel, as they break very easily if injured in this way. Jump at the first day that is half way decent and take the harness apart, clean and oil it thoroughly. See that any necessary repairs are made. It is very unprofitable to have to stop in the busy season because of the weak or some other broken part of the harness. After a milk can has started to rust, the best method of procedure is to secure off as much of the rust as possible, and then follow the proper methods of washing and drying. It is understood, of course, that the cans should be protected from the weather and not allowed to stand out of doors or in damp, dark rooms.

AMONG THE HORSES

COMPOSITION OF FEVER DRENCH

This is for a horse of about 152 lbs. and is a three-fourths suffice for a horse under 1200 lbs. and one and a quarter for a horse of 17 hands. Sweet spirit of nitre, 1 1/2 oz.; tincture of aconite, 40 drops; solution of acetate of ammonia, 2 oz.; spirit of camphor, 1/2 oz.; water to 10 oz. The same to be repeated in four hours time, and afterwards, for a day or two. If the horse is very hot, and has an attack he should be cooled and not killed, and a cough develop, stop the drenches and give one of the following powders three times daily, made into a paste with honey or treacle, and plastered on tongue and between back teeth with a fat piece of wood or shallow spoon.—Powdered betadonna leaves, 1/2 oz.; powdered aniseed, 1/2 oz.; powdered chloride of ammonium, 2 drachms; powdered liquorice root, 1/2 oz. If the throat is sore, paint between the jaw and along the windpipe the following application:—Methylated belladonna liniment, 2 oz.; methylated soap liniment, 2 oz.; do this three times daily. If there is much discharge from the nostrils, steam the head with a nosebag containing hay over which boiling water has been poured, or a mixture of hay seeds or bran, of course taking care that it is cooled sufficiently for the point of the horse's head, so as to bear it without discomfort. On the contents of the bag sprinkle a mixture of one tablespoonful of turpentine and one tablespoonful of friar's balsam. All this can be renewed and applied night and morning. Diet This should consist of a very little hay, and that preferably chaffed and damped, sloppy bran and linseed mashes offered in a pail (not put into a manger, as portions not eaten so soon, and the horse turns away, where as a pail can be easily cleaned and uneaten portions emptied away). If in a country where green meal is not available, give a few crushed carrots.

AMONG THE HORSES

GENERAL REMARKS

The horse should be put into a roomy, loose, airy box, away from other horses, if it is a case of contagious catarrh, as otherwise there is a risk of its running through the stable. Groom slightly every day, uncovering only half of the body at a time. Remove the bandages first, hand-rubbing the legs, and apply the bandages warm and not too tight. Do not use mustard either on the throat or sides; it is the cause of many a submucous abscess. It is a valuable remedy but frequently abused. If the breathing is difficult and painful, get one tablespoonful of turpentine and two tablespoonfuls of castor oil, mix it up, the first with an egg, add half a pint of water slowly, and then add the vinegar. Rub this well in both sides of chest, then rub up with a blanket wrung out in hot water and covered with dry rugs. This with a fever drench will put the animal in a sweat and possibly prevent lung trouble. After three or four hours, when the rug is removed, rub in over the skin about a gill of methylated spirit to close the pores and prevent a second dry chill, then dry rug once more. On no account, however, pressing the head of the horse, should a horse be worked if his temperature is above the normal. Never give any form of aloes, however small, to a horse showing any signs of a cold or cough, as if there is an epizootic in the neighbourhood of colds, strangles, or influenza, the effect is frequently disastrous. The linseed mashes and bran and treacle will operate in time as a laxative, especially if helped with a clyster of warm soap and water. In the majority of cases, if no complications arise (and the above treatment is preventive of same), two or three days will put animal right, but for the first few days work gently take precautions, and give a little tonic medicine for a week or two in the form of a powder of this type night and morning, sprinkled over food:—Powdered sulphate of iron, 15 drachms; sulphate of quinine, 15 grains; powdered loaf sugar, 2 oz. This will make one powder; twelve to be prepared. SOUTHERN VET.

PIGS IN BATTLE AREA.

Food production under difficulties and in the zone of battle is an object lesson given Canadians at home by the officers of a Canadian hospital just behind the lines in France. Mr. N. F. Davidson, K. C., has the details in a letter from the Officer Commanding, as follows: "We over here are doing our little part to reduce the high cost of living. On entering a small brick building in our grounds you would doubtless be received with friendly grunts, which would come from our family of fourteen pigs, which we are raising to supply us with fresh pork and bacon. We have also a very good-sized poultry farm, and this is keeping our table very well supplied with fresh eggs. Our garden also should do very well; we have about eight acres under cultivation, and expect to grow plenty of onions, lettuce, potatoes, cabbage, etc."

A HOME MADE STONE BOAT.

A very convenient stone boat for hauling big rocks can be made easily. The simplicity of this device leaves little to explain. It consists of two two-inch planks about eight feet long, with a crosspiece two inches by six inches, having two three-quarter-inch holes, 20 inches from centre to centre. This piece is bolted loosely to the planks at one end with five-eighth-inch bolts, the heads of which are counter-sunk in the ends of the planks.

TEN COMMANDMENTS FOR POULTRY MAN

The ten following rules if observed will aid in increasing egg production: 1. Keep more pure-bred hens of a good laying strain. 2. Keep one breed, the best you can get. 3. Select your breeding eggs from the best layers—the latest hens to molt in the fall and winter. 4. Select large uniform eggs of even shape and color. 5. Hatch pullets in February, March and April. 6. Keep plenty of green feed where the hens can graze it regularly. 7. Provide good feed and housing and provide water in clean vessels. 8. Feed a variety of grains, such as wheat, corn, oats and sunflower seed. 9. Feed a dry mash of corn meal, cottonseed meal, wheat bran and shorts or ground oats. 10. Keep a good scratch of straw and throw all grain feed in it to induce exercise.—Mississippi Exp. Sta.

DAIRY

STABLE MANNERS THAT INCREASE MILK FLOW.

Every conscientious dairyman knows from experience, how difficult it is to secure in his hired help men who at all times will treat his animals with consideration. The dairy cow has been called a machine—and in a very true sense she is such. But a cow cannot be treated like a machine. She is a bundle of nerves. The disturbance of her nervous equilibrium upsets her production. For this reason harsh treatment has no place in the dairy stable. Kindness and gentleness are essential at all times. Years ago a certain dairyman put up a printed notice in his stable urging his men to practise patience with his animals. The sign is still there, preaching its little sermon to the men who come and go on this particular farm. It reads as follows: "The rule to be observed in this stable at all times towards the cattle, young and old, is that of patience and kindness. A man's usefulness in a herd comes at once when he loses his temper and bestows rough usage. Men must be patient. Cattle are not reasoning beings. Remember that this is the Home of Mothers. Treat each cow as a mother should be treated. The giving of milk is a function of motherhood; rough treatment lessens the flow. That injures me as well as the cow. Always keep these ideas in mind in dealing with my cattle." O. C.

UDDER TROUBLES GENERALLY ARISE FROM INJURIES

Many udder troubles are due to injuries. The cow owner may not always realize this nor be aware of the different methods by which a cow can injure herself. High door sills, running the cows when their udders are full, requiring them to lie on cold floor or frozen ground are all prolific sources of trouble. Some cows have very low-hanging udders that drag when they step over obstructions in their paths. Here is where high door sills may be injurious. The udder striking the sill is bruised and an inflammation is set up that may result in the loss of the usefulness of the animal unless properly cared for. Sometimes injuries of this sort are received in the pastures by the cows stepping over logs, stones, brush, etc. and the only way to avoid them is to remove such debris from pastures and barn bits. Lying on cold floors or on the bare ground may not bruise the udder, but it chills this organ so that it becomes congested and inflamed. This can be prevented by providing the cows with plenty of clean dry bedding at all times and keeping them in the stable during severe weather and at nights. Sometimes a bad bruise may be sustained by an animal that is kept closely stabled. Her udder may be stepped on by the cow in the next stall. This is particularly liable to happen in certain types of stalls and with cows that have large udders. Cows should never be hurried when driven from the pasture. The well-filled pendulous udder will swing from

AIM TO PRODUCE PORK MORE ECONOMICALLY.

Many farmers could produce pork more economically than they are now doing. Instead of selling one or two bacon hogs this autumn, the Canadian farmer should keep one or two of the best young sows for breeding. It will cost but little to winter them; in fact, they are best kept in thrifty condition when not too fat. Next spring, arrangements should be made to have an out-door run for the pigs during the summer. A small field of clover, or an acre or two sown to rape or oats and vetches would be an excellent and economical place to raise the pigs. The green feed, supplemented by a little grain, and plenty of clean water will produce thrifty pigs and grow them cheaply to a size ready for quick finishing with a heavier grain ration in the autumn. One prominent writer in the United States goes so far as to say that the supply of fats will be the deciding factor in the war. Certainly it is essential that immediate steps be taken to increase the production of pork in Canada. Some farmers seem to be prejudiced against those who are urging and working for increased production. The present, however, is a serious time, and petty prejudices should be utterly forgotten in one's great effort to win the war. The farmer can do much to actually increase the supply of bacon. He has a great field for service in this matter, and a rare opportunity to supply, with profit to himself, what is greatly needed.

MOTHERS PRAISE BABY'S OWN TABLETS

Every mother wishes her little ones to be well—thousands of mothers have learned the secret of keeping them well. They have found by experience that an occasional dose of Baby's Own Tablets will prevent sickness, or if sickness comes on suddenly the Tablets will promptly give relief. These mothers have nothing but praise for the Tablets. Among them is Mrs. Gustave Lord, St. Perpetue, Que., who says:—"I have been using Baby's Own Tablets for my little ones for a number of years and have found them a perfect medicine. They regulate the bowels; stop vomiting; in fact they are good for all the little ailments of childhood." The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams Medicine Co., Brockville, Ont.

What Doctors Use for Eczema

A soothing combination of oil of Wintergreen, Thymol, and other healing ingredients, called D. D. D. Prescription is now a favorite remedy of skin specialists for all skin diseases. It penetrates the pores, gives instant relief from the most distressing skin diseases. E. A. Foster, Central Drugstore, Charlottetown.

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SUNDAY SCHOOL LESSON

JESUS SETS MEN FREE April 7. (Mark 7:1-22) "If therefore the Son shall make you free, ye shall be free indeed."—John 8:36.—Golden Text. Two and Siden were flourishing cities on the coast of Phoenicia, about twenty-five miles apart. The scribes, who interpreted the law, and the Pharisees, who tried to carry it out as interpreted by the scribes, had come in contact with Jesus on several occasions. Mark records the scribes and Pharisees from Jerusalem asking Jesus why his disciples did not comply with the rabbinic law, which required them to

USE "CASCARETS" FOR LIVER AND BOWELS WHEN CONSTIPATED

When bilious, headachy, sick, or sour stomach, bad breath, bad colds. Get a 16-cent box. Take a Cascaret to-night to cleanse your Liver, Stomach and Bowels, and you will surely feel great by morning. You men and women who have headache, coated tongue, a bad cold or bilious, nervous, upset, bothered with a sick gassy, disordered stomach, or have backache and feel all worn out. Are you keeping your bowels clean with Cascarets—or merely forcing a passage every few days with salts, cathartic pills or castor oil? Cascarets immediately cleanse and regulate the stomach, remove the sour, undigested and fermenting food and foul gases; take the excess bile from the liver and carry off the constipated waste matter and poison from the bowels. Remember, a Cascaret to-night will straighten you out by morning. A 16-cent box from your druggist means healthy bowel action; a clear head and cheerfulness for months. Don't forget the children.

Don't Sell Your Cows

The increasing shortage of hired men is forcing many farmers to seriously consider selling their heads as they cannot get the time nor labor to milk them. To sell now is similar to "killing the goose that laid the golden egg"—for never in the history of the necessity of their production so vital to the Empire's needs. Your herd is a source of rapid growth in your year's income—a source of rapid increase in productive value of your land itself. Why cut off that income and increased productivity, when you can save it and get better results from your cows? THE EMPIRE MILKING MACHINES have solved the problem of saving time and labor in milking—and have freed the hired man for work in the fields. Mr. J. H. Grisdale, B. Agr., Director of Dominion Experimental Farm says: "The real drudgery of the dairy farm is eliminated by the use of the milking machine. ONE man with a milking machine can do the work of three hand milkers in the same length of time. They take the place of the extra hired men so hard to obtain at this time and are recognized as a good investment." The most exacting tests by Experimental Farms and Stations prove that Empire Machines milk without injury to the cow, with speed, ease, economy and thoroughness. Cows and heifers take readily to being milked by an Empire Milking Machine and benefit by it. An Empire will save money for you in labor and soon pays for itself. Space prohibits giving full information about this labor saver; Our booklets, however, have the whole story and valuable testimonials from other dairymen just like yourself. Write us for them. Address Dept. W The Empire Cream Separator Co. of Canada, Limited TORONTO MONTREAL

"TIZ" FOR ACHING, SORE, TIRED FEET

Use "Tiz" for tender, puffed-up, burning, calloused feet and corns



People who are forced to stand on their feet all day know what sore, tender, sweaty, burning feet mean. They use "Tiz," and "Tiz" cures their feet right up. It keeps in perfect condition. "Tiz" is the only remedy in the world that draws out all the poisonous exudations, which puff up the feet and cause tender, sore tired, aching feet. It instantly stops the pain in corns, callouses and bunions. It's simply glorious. Ah how comfortable your feet feel after using "Tiz." You'll never limp or draw up your face in pain. Your shoes won't tighten and hurt your feet. Get a 25-cent box of "Tiz" now from any druggist. Just think! A whole year's foot comfort for only 25 cents.

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