

Helps for Farm and Home.

FOR POULTEERS.

Mrs. M. G.'s droopy fowls with cough, etc., have chronic bronchial roup. A warm place will effect more than medicine. Put five drops of sweetened nitric acid in the drinking water for each fowl. The sores on comb show need of laxative food, like bran and green stuff. Anoint the sores daily with olive oil, adding to it a few drops of carbolic acid.—W. H. P.: The cause is unknown of the dark feathers turning white, as in the case reported by you. Skin diseases sometimes cause fading or falling out of the plumage.—Miss M. M. C.: Feed the turkeys on boiled rice until they recover from the bowel trouble. Buttermilk is usually considered a healthful food for turkeys, but do not feed it until they are well.

H. C.'s cooped chickens which do not put on weight are probably in a lousy house or do not have enough sharp grit to properly digest their food. Examine also for large body lice.—Mrs. L. S.: The fowls which have difficulty breathing, die quickly and show little signs seemingly strangled with blood, probably had enteritis, a disease more like y to appear in overcrowded flocks. Separate the sick ones and dose with sweet every day. Give warm milk to drink. For the sores on heads, see reply to Mrs. M. G.

J. P. T.: Poultry markers and bands are sold by J. A. Bergey of Telford, Pa. Charles Gamminger, Box 60, Columbus, O. and B. H. Greider of Florida, Pa. L. P.: Too much bone meal fed to fowls may give them indigestion and diarrhea. I should consider about two tablespoonfuls daily in the mash sufficient for 12 hens, but should prefer to use scrap or animal or meat meal as being better. I do not think that eggs will be seriously injured in quality if hens are kept in a barnyard, although it is true that the flavor of eggs is sometimes affected by foods having a strong odor. Food which hens pick up in a barnyard, however, consisting chiefly of insects and possibly undigested or wasted grain, will probably not have any such effect.—Mrs. G. D.: White Embden geese are sold by the poultrymen who advertise in F & L.—A. V. C.: The revised book, An Egg Farm, by Stoddard, price 50c, will give you much valuable information on incubators. It is sold by the Orange Judd Co. of 52 Lafayette place, N. Y.

CHAT WITH THE EDITOR—H. O. H.: A hotbed can be made of any material that will generate heat and keep it up as long as desired. Horse manure is among the best. Plans for a frame house are illustrated and described in Cottage Houses, by Reid; or House Plans for Everybody. Both books retail for \$1 each, prepaid, and are sold by the Orange Judd Co. of New York.—W. H. W.: A good standard book on the propagation of all kinds of fruits from seed, buds and grafts, is Thomas's American Fruit Culturist. It is sold by the Orange Judd Co. of 52 Lafayette place, New York, at \$2.50, prepaid.—M. J.: Stump pullers are sold by the Atlas Mfg. Co. of Monmouth, Ill.; Monarch Grubber Mfg. Co. of Lone Tree, Ia.—J. K.: Books containing a full treatise on sorghum are: Sorghum and Its Products, by E. L. Stewart, price \$1.50; Sorghum, Its Culture and Manufacture, by Collier, price 3c; both books are sold by the Orange Judd Co. of New York.

MORTGAGE—T. K., N. J.: The man you sold your lot to cannot compel you to pay the mortgage thereon unless you have agreed to do so either in your deed to him or in some other writing.

CORPORATION DEBT—Ill Subscriber: A stockholder in a corporation who has paid the face value of his stock for the same to the corporation is not liable for any debts created by the company. If a portion of his stock subscription is unpaid, he is liable for the difference between what he has paid and the face value thereof. The word "limited" in a partnership means that the liability of the partners is limited to the amount they may have invested therein. This limits their liability to that amount, provided the statutory provisions have been complied with by the partnership.

PATENT—Subscriber, S. Dak.: If you desire to obtain a patent it will be best for you to place the matter in the hands of a patent attorney, who will give you all the information you require as to the expense, procedure, etc. If there is such an attorney in your vicinity it will be best for you to consult him.

CONTRACT—C. B., Wis.: If you hire a boy 18 yrs old to work for you 6 mos., agreeing to pay him \$100 at the end of that time, and the boy left without completing his term, you are liable for the amount due him for the time he worked; even though the contract was his wa to work the full time before receiving any money; he is a minor and would not be bound by his agreement. You can probably have the boy arrested for whipping your little girl, but it will probably cost you more than the satisfaction you would derive from such a proceeding.

Our Veterinary Adviser.

[Questions for this department are answered in turn, but on account of the large number of queries received, it is often some weeks before replies can be printed. In case an immediate answer by mail is desired, \$1 should be inclosed.]

STERILITY—L. R. M. has had several heifers and one cow which fail to get in calf. Medicine is of no use in such cases. A change of bull is the only remedy.

WORMS—O. G. wants a remedy for worms in the lungs of calves. Give 1/2 oz turpentine at a dose twice a day in a small bran mash and continue it for several weeks.

RHEUMATISM—E. L. has some pigs that have hard bunches on the joints of their legs, which make them lame. Also some hogs in another place that have an eruption on their ears, and their eyes matter some. 1. Give each pig 10 to 15 drops of cod liver oil at a dose twice a day and continue it for several weeks. 2. This disease, affecting the ears is a form of eczema. Give each hog 10 gr nitrate of potassium at a dose twice a day in a little food for two weeks, also mix 1 oz acetate of lead and 1 oz sulphate of zinc in 1 qt soft water and apply a little to the affected parts with a mop twice a day.

INJURY—C. B. M. has a heifer that got looked by a cow last winter and it does not heal. Examine the wound with a probe, as there is likely something in it which is preventing it from healing. Mix 1 oz acetate of lead, 1-1/2 oz sulphate of zinc and 1/2 oz of carbolic acid with 1 qt of soft water, shake and inject a little twice a day.

LAME ANKLE—G. W. R. has a mare that has an ailment in her fetlock joint; she walks on her toe. Put on a shoe with a toe calk on the toe, but none on the heels of the shoe. Keep the animal in the barn. Mix 2 dr cantharides with 1 oz lard, rub this on the fetlock joint and let it remain on for 24 hours, then wash off. Repeat the blister in three weeks.

INJURED UDDER—I. N. has a heifer that gives blood with her milk. The day before she gave the bloody milk she hurt her udder getting over a low fence. Irritating the udder on the fence is the cause of the blood in the milk. Bathe the udder three times a day with cold water, also give 1 oz tincture chloride of iron and 1/2 oz fluid extract of ergot of rye at a dose in 1 pt of gruel twice a day for a week if needed.

Wis subscriber: We are aware of no state in which the fact a wife has ceased to love her husband constitutes a ground for divorce.

CUTTERS AND SHREDDERS of all sizes, positively the best, and can be matched. For full information, send for our latest circular, also best horse power, thrasher, clover huller, dog power, tree thrasher and blower, fanning mill, saw-machine (circular and drag), land-roller, steam engine, pump, roller, corn-sheller and round-also. Address: C. C. F. & S. Co., M. T. T., Cobleskill, N. Y. Please tell what you wish to purchase.

GOOD CIDER. Clear, Pure, Long Kept, and more of it from the small amount of apples can only be secured by using A HYDRAULIC CIDER PRESS. Also in various sizes, hand and power. The only press awarded medal and diploma at world's fairs. Catalogue and price list sent free upon request. Hydraulic Press Mfg. Co., 5 Main St., Mt. Vernon, Ohio.

PURE WATER and how to get it is a PROBLEM EASILY SOLVED. The solution of the problem is a STAR DRILLING MACHINE. The water is down there and the only way to get a supply absolutely free from surface drainage is to go deep with a good well. The STAR is the fastest, strongest and most complete machine on the market. Made in ten sizes. We have a full line of supplies. Get our illustrated catalogue. Sent Free. Star Drilling Machine Co., Akron, O.

WELL DRILLING Machines. Over 75 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on skids. With engines or horse power. Strong, simple and durable. Any mechanic can operate them easily. Send for catalogue. WILLIAMS BROS., Ithaca, N. Y.

WINCHESTER

FACTORY LOADED SHOTGUN SHELLS

"New Rival," "Leader," and "Repeater"

Insist upon having them, take no others and you will get the best shells that money can buy.

ALL DEALERS KEEP THEM.

STEVENS

STEVENS-DIAMOND MODEL TARGET PISTOL

RIFLES AND PISTOLS

have been famous for years because of their accuracy, safety and durability. This is our DIAMOND MODEL made with six or ten inch barrels, open or peep sights, blued barrel, nickel plated frame, 1 1/2 grip with walnut stocks. If not carried by your dealer sent prepaid anywhere for \$5. With 10-in. barrel \$7.50.

Send stamp for our complete catalogue and hand book of information. We make several hundred styles of arms.

J. STEVENS ARMS & TOOL CO., P. O. Box 197 CHICOPEE FALLS, MASS.

ICE PLOWS

\$10.50. Also Ice Tools. Write for Discount. H. PRAY, No. Clove, N. Y.

PROFITABLE WINTER WORK

You can make big money taking orders for and selling my AERIAL in your section. New plan, quick sale, splendid profit. Agents, Farmers, Grocers and others write today for terms, etc. FRANK M. BATTLES, Seed Grower, ROCHESTER, N. Y.

GINSENG

—Pook all about it & Co. Tell how to grow this great money maker. Write today. AMERICAN GINSENG GARDENS, Box 100, N. Y.

Nursery Stock:—Elegant apple trees, etc., at 1. E. Stone, Wholesale Nurseries, Danville, N. Y. 60 pp cat.

CANADIAN unleached hard wood shaves an ideal fertilizer. Pamphlet free. GEO. STEVENS, Peterboro, Ont., Can.

FIX UP

your farm and poultry buildings before snow comes. NEPONSSET and PAROID ROOFINGS will help you do it. Samples cost you a postal. F. W. Bird & Son, East Walpole, Mass., Chicago, Ill.

Please mention FARM AND HOME when writing to advertisers.

AN ACRE OF CORN

and its possibilities under the Silage system—being the theme of

"A BOOK ON SILAGE"

By Prof. F. W. WOLL

of the University of Wisconsin. Revised and up-to-date, making a volume of 32 pages. It embraces full instructions from planting to feeding, and includes working plans and specifications for: I—Silage Crops. II—Silage. III—Feeding of Silage. IV—Feeding of Silage and other Feeds. V—The Silo in Modern Agriculture.

And illustrations and complete plans for round and rectangular silos, dairy barns, tables, compounded rations, etc. Mailed for 7c. cash or stamp.

SILVER MFG. CO., Salem, Ohio.

GOOD HOUSEKEEPING

\$1.00 per Year A Monthly Magazine 10 Cents per Copy

GOOD HOUSEKEEPING occupies a position peculiarly its own, in that it is conducted in the interests of the higher life of the household, for it is devoted not only to practice, but to inspiration—to telling how the everyday affairs of life may be conducted, but always leading upward. Its departments, regular and special, are as numerous as the varied phases of the life of the household. It appeals to either sex, whether of young or of advancing years. It not only helps but gratifies the physical, mental and æsthetic natures of all its readers. This magazine gets above the old routine, out into the world, while making the routine work lighter and happier by its clear explanations. The following topics and lines of research are samples of what Good Housekeeping is doing for the dwellers in the homes of America:

Successful Kitchen Solutions of the Domestic Help Problem	The Latest Revue of Home Handicraft of Various Kinds	Homemade Christmas Gifts, Illustrated	Truth about Dishonest and Adulterated Food	Famous Cooking Schools Described	People Who Have Uplifted Home Life, Illustrated	New Sources of Income	Tasteful House Furnishing, Illustrated	"Good Housekeeping Babies"	Disadvantages and Advantages of Country Girls	Advantages and Disadvantages of City Girls	Women's Exchanges	"The Best Way" in all Kinds of Housework	Mistakes of Young Housekeepers	Original Recipes from Famous Cooks and Cooking Teachers	The Four-footed Cousins	Fathers and Sons	Household Economics	New Ideas in Fancy Work	Changes and Tendencies in Home Life	New Fashions and Their Wearers	Licenses of Children, etc, etc
---	--	---------------------------------------	--	----------------------------------	---	-----------------------	--	----------------------------	---	--	-------------------	--	--------------------------------	---	-------------------------	------------------	---------------------	-------------------------	-------------------------------------	--------------------------------	--------------------------------

The whole magazine is dominated by a high purpose to be an ever-ready help and inspiration toward making "the higher life of the household" a practical and delightful reality in every family, and a force in social and civic affairs. Each number consists of 66 pages filled to overflowing with original and interesting reading and many handsome illustrations.

\$1.50 FOR \$1.00!

THE regular price of Good Housekeeping is \$1.00 for a year, and Farm and Home 50 cents a year. We, however, will send both periodicals until January 1, 1902, for only \$1, if ordered now. Address all orders to

FARM AND HOME, SPRINGFIELD, MASS., or CHICAGO, ILL.