

# The Farmer.

### Sore Shoulders in Horses.

Correspondence American Farmer.

Farm horses are most liable to have sore shoulders in early spring, when unaccustomed to work. If humanity does not lead to care in prevention and cure, interest will prompt it, for certainly a horse with sound shoulders will do more work than if these are swollen and laborious. Prevention is better than cure. The first point is to secure good, well-fitting collars, those of soft leather, of equal harness on both sides. Many collars are stuffed more solidly on one side than the other, and should be rejected. The horse should be fitted to the collar at the shop, as two very seldom have shoulders exactly square. I have often seen that farmers do not have collars made specially for each horse. The cost would be amply repaid as it is slight compared with the increased service that would thus be secured. I prefer a collar stuffed with hair. The leather should be kept oiled, especially where meeting the shoulder. Pure net's foot oil makes the leather soft and pliable, and is a good preventive and cure for sore shoulders. Cloth collars are now made, and cloth pads to cover the entire collar face. I know they are good and recommend them to other farmers.

Early in the spring, at least two weeks before plowing commences, begin bathing the shoulders of each work horse with strong salt brine. I keep in the stable an old fruit can, and a rag tied to the end of a cob, and it takes but a moment to throw in a handful of salt with some water, stir it up and apply the brine. It toughens and hardens the skin and cools it, allaying inflammation. I do this each evening; after work begins I first wash off the shoulders with clean water. I have never been troubled with sore shoulders since I have taken to carefully selecting collars, keeping them soft with oil, and bathing frequently with the salt water.

The best cure for sore shoulders is rest, and this may be secured without stopping work, by removing the pressure from the irritated spot. One method is to cut a long, narrow slit in the hame groove opposite the soreness, remove part of the stuffing and make a little depression by pounding the face over the sore. The slit will not injure the collar. Another method is to use pads above and below the tender spot, to keep off the pressure. After considerable experience I consider the best pad one made by stuffing a coat sleeve with hay, about one inch thick between the collar and shoulder, but thinner where it passes under the hames. Hay works into lumps less than rags, hair or wool, and is elastic enough to spring the collar from the shoulders when the draft slackens giving them opportunity to cool and rest.

### Immensity of the Dairy Business.

At a meeting of the Farmers' Milk Association, held at Middletown, N. Y., on March 8, it was stated that it requires 15,000,000 cows to supply the demand for milk and its products in this country and that the capital invested in the dairy business is over \$2,000,000,000. It requires the cultivation of over 60,000,000 acres of land to furnish food for the above number of cows. More than \$200,000,000 are invested in dairy machinery and implements alone. The men employed number 700,000, and 1,000,000 horses are necessary. The cows and horses consume annually 30,000,000 tons of hay, 90,000,000 bushels of corn and the same amount of oatmeal, 275,000,000 bushels of oats, 2,000,000 bushels of bran and 30,000,000 bushels of corn, to say nothing of the brewery grains and questionable feed of various kinds that is used all over the country. It costs \$168,000,000, or an average of \$20 a month per capita. The annual yield of the average cow is placed at 450 gallons, making the total milk product 6,750,000,000 gallons a year. The farmer's receipts for this milk, averaging it at 12 cents a gallon, amount to \$810,000,000. Cheese and butter use up 50 per cent. of the milk yield. To make a pound of cheese ten pounds of milk are required, and twenty-seven pounds of milk make one of butter. The comparative nutritive qualities of milk is as three and one-half pounds to one pound of prime beef. A fat steer furnishes 50 per cent. of boneless beef, but it would require about 24,000,000 steers, weighing 1,500 pounds each, to produce the same amount of nutrition as the 15,000,000 cows supply with their annual yield of milk.

### Farm Notes.

A dressing of nitrate of soda in spring acts wonderfully on young wheat.

Ventilation in the dairy should be done at night or early in the morning, when the air is the coolest.

Be careful not to grow potatoes near the peach trees, as the advance of one who is familiar with peach growing.

The colder the stock is kept the greater the quantity of feed required, as animal heat is increased or decreased in proportion to the comfort of the animal.

In experiments made at the Wisconsin Experiment Station with sorghum for fodder the Honey variety yielded best, White Mammoth next, and Early Orange third.

A Vermont dairyman says a young calf should be fed three times a day. Over-feeding at long intervals, and especially with cold food, kills a good many valuable calves.

The American Dairyman says: "A hay seed in a cow's eye will turn it white. It will come all right in a day or two if left alone. If doctored we don't know when it will get well."

A box 10x10x10 inches will hold just half a bushel. Such a box may easily be made, and is very convenient to have on the farm. It is cheaper and just as good as a more expensive measure.

Canadian cheese factories refuse to receive the milk of cows which are allowed to feed on slough grass or drink stagnant water, claiming such milk will always prevent the manufacture of good cheese.

A correspondent of The Country Gentleman advises farmers not to kill the harmless black and garter snakes on their premises, for they are the best field mouse, chipmunk and mole catchers in the world.

### How to Disappoint a Balking Horse.

A farmer recently broke his horse of a balking freak in a very quiet, and, as he claims, not a cruel manner. His horse is in excellent flesh, and shows no signs of neglect on the part of his master. He drove him, attached to a rack wagon, to the wood lot for a small load of wood. The animal would not pull a pound. He did not beat him with a club, but tied him to a tree and "left him stand." He went to the lot at sunset and asked him to draw, but he would not straighten a tug. "I made up my mind," said the farmer, "when that horse went to the barn he would take that load of wood. The night was not cold. I went to the barn, got blankets and covered the horse warm, and he stood until morning. Then he refused to draw. At noon I went down and he was probably hungry and lonesome. He drew that load of wood the first time I asked him. I returned and got another load behind me. I fed him. I then rewarded him with a good dinner which he eagerly devoured. I have drawn several loads since. Once he refused to draw, but as soon as he saw me start for the house he started after me with the load. A horse becomes lonesome and discontented, when left alone, as much so as a person, and claim the method I finally used is far less cruel and is better for both horse and man than to beat the animal with a club."

# THIS SPRING

### You Can Depend Upon Us

HAVING EVERYTHING

—IN—

DRESS SILKS,

LADIES' DRESS GOODS,

Silks and Satins,

TRIMMINGS, BUTTONS, &c.

Organized under the auspices of the Methodist Protestant Church, 1867.

Incorporated by Act of Assembly, 1868.

Occupies one of the most beautiful and healthful sites in the State. Receives annual appropriation from the Legislature for the Free Board of one student from each Senatorial District. Provides a comfortable room for each two students. Has a full corps of competent instructors. Course of study ample and thorough both in the Preparatory and Collegiate Departments. Discipline strict, but kind. Terms very moderate. A Scholarship for Three Years Tuition for \$100, and Room, Washing, Fuel and Light at the rate of \$166.67 per year. Has been in successful operation for 16 years.

### E. O. GRIMES & CO.,

THE PRINCIPAL DEPOT,

WESTMINSTER, MD.

Have complete stock of

CHOICE GROCERIES

as can be found in our city.

NEW RAISINS, CITRONS, CURRANTS, PRUNES, DRIED AND EVAPORATED FRUITS, MINCE MEAT, PRESERVES, CANNED GOODS, &c., for the Holidays, or the best quality.

Choice Teas, Coffees, Syrups, New Orleans Molasses, and the best grade of Flour constantly on hand, at bottom prices.

We pay the highest prices for Wheat, Corn, Rye, Oats, and all kinds of Country Produce. Agents for Laidin & Hart's Blasting Powder.

### FARMERS

Can be supplied with the best quality of Cotton and Flaxseed Meal, Heavy Middlings, Bran, &c., at lowest prices. Call and see.

E. O. GRIMES & CO.

### LUMBER, COAL, LUMBER.

I have just returned from the Lumber Regions—and am now receiving the largest selection of LUMBER ever offered at this place, at Reduced Prices, consisting of Yellow Pine, Spruce and Hemlock

JOIST AND SCANTLING

of all lengths and sizes, 4, 4, 4, 4 and 8-4 White Pine Flooring, Dressed and Undressed Weatherboarding, White Pine Cypress and Chestnut Shingles, Walnut and Ash Boards and Plain, and Headed Pickets, Shingles and Planing Lumber, also lot of Chestnut Batts and Posts.

### GEO. W. ALBAUGH.

Ask to look at our Shoes for Ladies and Children.

HAVE YOU HEARD THE NEWS?

M. C. STRASBURGER

HAS REMOVED

INTO A LARGER STORE ROOM,

WITH A NEW AND INCREASED STOCK

Groceries and Provisions,

Queensware,

Glassware, Woodware,

Tinware,

BOOTS AND SHOES,

And Notions.

I HAVE THE LARGEST STOCK,

WILL SELL GOODS CHEAPER THAN ANY HOUSE IN CARROLL CO.

Light Brown Sugar at 61 cents.

White Sugar at 58 "

Good Roasted Coffee at 12 "

Good Tea at 12 "

Canned Goods, Dried Fruits, Raisins, Figs, Dates, Oranges, Lemons, Flour by the barrel or bag, Corn Meal, Buckwheat, Salt Fish, Cigars and Tobacco.

### A Full Line of Confectionery,

which cannot be surpassed in quality, And sell them at way-down prices.

I have just laid in a large stock of HAMS, BACON, CHIP BEEF, and BOLONA SAUSAGE, cut to suit.

IF YOU WISH TO SAVE MONEY,

go to

Strasburger's Cheap Store,

In the building lately occupied by Theodore Derr,

mar 22 WESTMINSTER, MD.

### NEW STORE, NEW GOODS,

Is Geo. W. ALBAUGH'S NEW BUILDING, Corner Main and Court Sts., Westminster, Md.

Just opened fine stock of FRESH SUGARS, TEAS, COFFEES, SPICES, SYRUPS, FLOUR, MEATS, FRUITS, CANNED GOODS, CAKES, NUTS, ORANGES, SEGARS, SMOKING AND CHEWING TOBACCO, HARDWARE, BASKETS, TUBS, GLASSWARE, &c., &c., &c.

And everything found in a first-class Grocery Store. Everything is fresh.

NOT TO BE UNDERSOLED.

Give me a Trial. T. F. GOODWIN.

### HORSES & MULES FOR SALE.

The undersigned has opened a Sales Stable at Grove's Hotel, Manchester, Md., and will always have for sale a stock of WORKING AND DRIVING HORSES, BULLS, and a fine lot of MULES.

P. J. YOST.

### HORSE BILLS PRINTED AT THE ADVOCATE OFFICE.

# CHANGE OF TIME.

### Western Maryland Railroad.

On and after Sunday, December 30, 1883, Trains will run over this road as follows:

PASSENGER TRAINS RUNNING WEST.

STATIONS.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.	Sun.
Hillens Station	8:00	10:00	4:00	4:45	6:25	3:35	3:35
Union Bridge	8:10	10:10	4:10	4:55	6:35	3:45	3:45
Frederick	8:20	10:20	4:20	5:05	6:45	3:55	3:55
Shippensburg	8:30	10:30	4:30	5:15	6:55	4:05	4:05
Green Spring Jc.	8:40	10:40	4:40	5:25	7:05	4:15	4:15
Gettysburg	8:50	10:50	4:50	5:35	7:15	4:25	4:25
Gettysburg	9:00	11:00	5:00	5:45	7:25	4:35	4:35
Gettysburg	9:10	11:10	5:10	5:55	7:35	4:45	4:45
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