

Wheat," by Dondlinger, is the latest work on the subject of wheat, price \$2.00. No bulletins on horses have been issued in any province in the Dominion save in Manitoba. You may possibly obtain a copy of Professor Peter's pamphlet on the classification of horses, by writing the Manitoba Agricultural College, Winnipeg. A good deal of information on horses, breeds, management, feeding and so on is contained in the Farmer's Cyclopaedia of Livestock (\$4.50). This is an excellent book of reference on all livestock subjects. The book on wheat and the Cyclopaedia may be obtained through this office at the price given.

QUESTION OF STRAW AND RENT

A rents his arable land to B for a cash payment. To whom does the straw belong? What is the usual time for the payment of rent in above circumstances?—A. M.

Ans.—In the absence of any agreement to the contrary the straw would belong to B. In the absence of any agreement that rent should be paid in advance it would be payable at the termination of the term.

WANTED: INFORMATION ON TRACTORS

I have been reading a good deal about the use of gasoline tractors in farm work and am thinking of getting one. Before doing so, however, I would like very much to have the experience of some of your readers who have been using them on their farms. I thought of getting one of 15 horse power, and would take it as a great favor if you would invite correspondence on the subject as to what they can do, how many plows they can haul on stubble, and also breaking land, hauling disk harrows, seed drills, etc. Our soil is a heavy sandy loam. I would like very much to know as much as possible from someone who is using one, just what can be done with them and how one of the horse power mentioned would do on farms of 300 acres.—E. H. W.

Ans.—We might answer in a general way that gasoline tractors have been giving excellent satisfaction throughout the West. We are informed by manufacturers that demand for engines last spring was beyond all expectation and that this demand arose through the work which the engines have been doing. About a year ago we published a large number of letters from readers using gasoline and steam tractors and with only one or two exceptions they were most favorably spoken of. There is not so much information as to the use of tractors in drilling, disking, etc., as there is in plowing, for which work these engines up to present have been most largely used. We are inclined to think you would be better with an engine larger than 15 horse power. Experience of users is that it is better to have more power than may be required than to be forced to crowd the engine near the maximum. We would be pleased at this time to receive letters from readers using gasoline tractors in answer to the points raised by this inquirer.

RAINFALL

What is the average annual rainfall for this district (Stockton, Man.)?—H. F.

Ans.—The annual rainfall at Brandon, which is the nearest meteorological station is 15.46 inches. This is the average for a period of twenty years.

QUESTIONS AND ANSWERS

VETERINARY

Enquiries dealing with matters of a veterinary nature are answered through our columns by a competent veterinarian free of charge to bona-fide subscribers. Details and symptoms must be fully and clearly stated on only one side of the paper. Full name and address of the writer must accompany each query, as a guarantee of good faith but not necessarily for publication. When a reply is required by mail one dollar (\$1.00) must be enclosed.

SWEENEY—HENS DYING

A disease has broken out among my hens, which I cannot, in spite of all good advices of neighbors, eradicate up to this day. The hens generally be-

come lame, their faces get white and they keep themselves apart moving very little. In about two weeks they die.

2. A four-year-old colt has sweeny four months. I blistered it a few days ago, but without success. Give treatment.

3. What is the best book about the horse and his diseases?—E. E.

Ans.—From the symptoms it is impossible to state exactly what the trouble is. Would advise post-mortem examination of lungs, liver and other organs. Such symptoms as you give indicate that the disease may be tuberculosis. It would be advisable for you to send the lungs, liver and digestive organs of a bird dead from the disease, to the provincial bacteriologist, Regina, who could give expert advice as to whether or not the trouble is tuberculosis. If it is you will have some trouble stamping out the disease.

2. Treatment consists in stimulating flow of blood to the poorly-nourished parts, for sweeny is simply a wasting of the muscles of the shoulders. The great nerves of the shoulder are affected and in consequence nutrition is impaired and the muscles waste away. To cure, give the animal a long rest, blister the shoulder repeatedly or apply a strong stimulant liniment. Make up a blister of biniodide of mercury, 2 drams; powdered cantharides, 2 drams; lard, 2 ounces. Clip hair from affected parts and rub the blister well in. Tie up the horse's head. Wash off in 24 hours and smear with vaseline. Repeat blister in two weeks. Better treatment consists in rubbing the parts twice daily with a stimulant liniment made as follows: Alcohol, 2 fluid ounces; oil of turpentine, 2 fluid ounces; liquor ammonia fortior, 2 fluid ounces; water, 1 pint.

3. A good book on horse diseases is "The Farmer's Veterinarian," for sale through this office for \$1.50. "Veterinary Notes for Horse Owners," by Captain Hayes, is a good book. Price, \$4.00, through this office.

SWOLLEN ABDOMEN

Have a mare with an enlarged stomach or "hay gut" and would like to find out how to reduce same without making the mare fail in flesh. She is ten years old and is in very good shape. She had a colt this spring, on the 3rd of May.—A. R. L.

Ans.—The only safe way to reduce the size of your mare's abdomen, is by restricting her hay allowance. This may be done by feeding her very small quantities of hay at the morning and evening meals and withholding hay entirely from the noon meal.

ROARING

Six-year-old gelding was sick about eight weeks last winter with distemper. His throat swelled so badly we had to lance it several times. It seemed to leave him soft in the wind. He seems all right when walking or trotting slowly, but when speeded or excited he breathes heavily. Would it be advisable to blister his throat or what treatment would you suggest?—C. W.

Ans.—The disease from which your horse suffered last winter has caused him to become a roarer. Roaring frequently follows distemper, especially when this disease has attacked the throat severely. You may try a blister made of cantharides, two drams; vaseline, two ounces. Mix well, clip off the hair right around the throat and well rub in the blistering ointment for fifteen minutes. Wash off the blister in twelve hours and smear the part with vaseline. If necessary, repeat the blister in three weeks.

The most likely way to bring about a cure, is by an operation on the vocal cords, if you can find a surgeon to do it.

LAME HORSE

Ten-year-old horse went lame about six weeks ago, and has gradually gone worse. Blacksmith could not find corns, and shod him with leather pads. However, he continues lame and rests the forefoot on the toe. I cannot find the slightest swelling or heat and he does not flinch with pressure applied in hollow of pastern. Please give me advice.—J. E.

Ans.—We are unable to diagnose the nature of the lameness in your horse, excepting from the only symptom you

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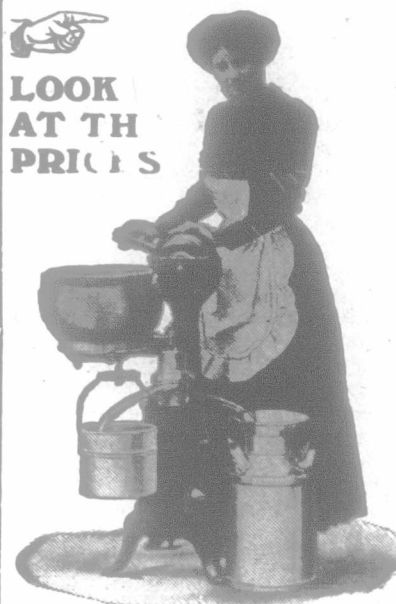
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