

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.]

SHEEP DERANGEMENTS.

Edema or great head is caused by the heat of the sun and flies; the depending position of the head while the animal is grazing tends to increase the swelling of the head. There is also an obscure form of "great head" caused from some derangement of the system of the animal. Death results from gangrene. Treatment in such cases is to put them into the barn, feed dry food and give each sheep 15 to 20 drops of sulphuric acid and 2 dr tincture of chloride of iron in a small mash or 1 pt of oatmeal gruel at a dose twice a day; also mix 2 oz turpentine with 1 qt raw linseed oil and rub a little on the swelling twice daily.

Grub in head of sheep. A soft spot will be discovered, most frequently in front of the root of the horn, or where the horn should be. Clip off the wool, then remove a piece of skin about the size of a 25c piece, then take a trophine and cut out a small piece of bone, and then tap the cyst, when the fluid will run out, and the grub with it. Then mix one part of carbolic acid with 50 parts of water and wash it out, then put a pitch plaster over it; this is usually all that is necessary.

For sheep dip, take arsenic and soft soap, of each 1/2 lb, potassium carbonate 4 oz and water 2 gals; boil the arsenic and potash together in one-half the water, and dissolve the soap in the other half, and use for use; this will suffice for 20 sheep.

For round worms in sheep, both red and white, give 1 dr each of the fluid extract of the male shield fern and turpentine at a dose in 2 oz raw linseed oil, twice a day for three days, then give 1/4 lb epsom salts dissolved in water at one dose. For tape worm, arsenic-nut powder 2 dr, fluid extract of male shield fern 1 dr, linseed oil 1/2, give at one dose and repeat it three times during the 24 hours, then give 1/4 lb epsom salts.

SWOLLEN LEGS—R. M. N. has a horse that is swollen in the coris of his forelegs and while in the stable shivers as if he was ill. The cause of the shivering is the pain from the swollen cords, and no doubt the feet are also sore; shivering is a symptom of sore feet. Poultice the feet with warm bran mash and rub the cords of the legs well twice a day with a little soap linctum. Put a bandage on the legs while the horse is standing in the stable. Also give 1/2 oz nitrate of potassium at a dose three times a day for one week, in bran mash.

WINDGALLS—C. B. has a horse that has windgalls on his hind legs, which are growing larger gradually. Windgalls are difficult to remove and when removed are almost sure to return. If they are not causing lameness, it is best not to treat them. If he is lame, blister once every third week with the following: Blistoid of mercury 2 dr and lard 2 oz.

LAMENESS—H. M. C. has a calf that got its navel cord fly-blown, it was cured but since then the calf is lame in one of its hind legs. Lameness of one or more legs is frequently the result of navel trouble; as the calf grows and gets strength the lameness will disappear.

INJURED LEG—G. E. O. has a mare that got her leg injured last winter; there is a bunch on it and when she stands in the stable for a few days it swells up. The injury has caused a derangement of the lymphatics of the leg and it is likely that the leg will always swell when standing idle. Mix 4 oz sulphate of iron and 4 oz nitrate of potassium, divide this into 21 doses and give one once a day in bran mash. Hand rub the leg well twice daily and continue it for months if needed.

DILATATION OF THE OESOPHAGUS—J. K. has a horse that chokes when fed on dry food. After eating hay a bunch forms in the neck, the horse then stops eating and after a while it disappears. This trouble is the result of dilatation of a portion of the oesophagus. Medicine is of no use in such cases. Chop his hay and mix it with a little bran and wet it well.

FEVER—H. I. D has a cow that refused her food and all at once her body became filthy and practically gave no milk. Give 1/2 lb epsom salts and 1 oz ginger dissolved in water at one dose. Rub the udder well twice a day with a little soap linctum and continue for several weeks if needed.

LUNG DISEASE—A. H. C. has a cow that has been ailing for several months; she has a cough and breathes hard. In such cases medicine is of little use. Boil flaxseed into a tea, take 1 qt of this and put 2 oz turpentine in it and give at a

dose once a day; also put 1 oz tincture chloride of iron in 1 qt of the flaxseed tea and give at a dose once a day. Continue this treatment for two weeks and if the animal improves, continue; if not, have her destroyed.

INTESTINAL SOUNDS—A. W. has a horse that makes a very objectionable sound when he trots or gallops. This derangement is natural to some horses. There is no remedy for it.

PINKEYE—M. A. W. wants a remedy for pinkeye in cattle. Bathe the eyes twice a day with cold water and after each bathing put a little of the following into the eye with a dropper: Acetate of lead 10 gr, tincture of opium 10 drops, water 2 oz.

CANKER IN THE EAR—B. F. P. has a dog that scratches his ear, shakes his head and rubs his head on the ground. The above symptoms would indicate that the dog has canker in the ear or ears. Wash out the ears with warm water twice a day with a syringe, and after each washing inject a little of the following: Peroxide of hydrogen 2 oz, soft water 6 oz.

COUGH—Subscriber has a cow that has a bad cough; does the most of the coughing in the morning. Give her a tablespoonful of Fowler's solution of arsenic at a dose three times a day in bran mash, and continue it for five or six weeks if needed.

LUMP IN THROAT—J. W. C. has a cow that has a lump in her throat just behind the end of the jawbone. It affects her breathing. Mix 1 dr blinoid of mercury with 2 oz lard, rub a little on lump once a week, also give 1 dr of iodide of potassium at a dose in bran mash twice a day for three or four weeks. This treatment will not interfere with the milk.

INDIGESTION—F. B. R. has an ox that does not eat well, has a grunt when moved and has some swelling around the eyes. Give 1/2 lb epsom salts and 1 oz ginger, dissolved in water, at one dose. Also give 1 oz each tincture of ginger and gentian at a dose in 1 pt cold water three times a day, until the appetite improves.

RHEUMATISM—L. Y. has a mule that has rheumatism and is very lame and stiff at times. Mix 2 dr cantharides with 1/2 oz lard, rub a little on the swollen joints once a week, also give 1 dr iodide of potassium at a dose three times a day in mash and continue it for three or four weeks.

WEAK BACK—C. H. has a mare that has a weak back; she wobbles when she walks. Little can be done for this trouble in old animals. Try 4 oz sulphate of iron and 2 oz nux vomica, divide into 21 doses, give one morning and night in mash. Repeat the above quantity if necessary.

INDIGESTION—Mrs. O. has lost some guinea pigs; they refuse to eat, some have diarrhea and others gradually become poor and die. Put them in a place where they can run about and have fresh air, feed on green stuff and bread or oats, or both. Give the sick ones a teaspoonful of cod liver oil and two drops of turpentine at a dose twice a day, and continue it for several weeks.

Talks with Our Lawyer.

FARMING ON SHARES—J. L. B. C. If you take a farm on shares, such shares being halves, you to furnish one-half the seed and fertilizer, you dig the potatoes and pick the corn as your share of the consideration.

DEED—C. Va. Restrictions in a deed of land providing that the purchaser shall not engage in the hotel, livery stable, restaurant, bakery or liquor selling business on the demised premises are legally binding.

CONTRACT—Leeper, Pa: A entered into an agreement with B and C whereby B and C agreed to cut 4 ft bolts from second growth pine for laths, and to receive in payment therefor 60c per 100 laths cut from said bolts. After a few many bolts were cut, a fire burned the woods and all the bolts cut. Who stands the loss? If the contract was for labor, as it appears to have been, B and C are entitled to pay for what they had done. The difficulty in computing what they are to receive, which depends on how many laths might have been cut from the bolts burned, does not alter the case.

CUSTODY OF CHILDREN—Canadian Subscriber: Both parents have equal rights to the custody of their children until a court of competent jurisdiction decrees exclusive custody to one or the other.

Chat with the Editor.

FOR INQUIRING MINDS.

G. E. L.'s inquiry refers to the Saxon land credit association. For many years it has been one of the most successful of the many European institutions of this class that make a business of loaning money to farmers at low rates. An exhaustive report upon it can be obtained by writing to Department of State, Washington, D. C., for report on Saxon land credit ass'n, issued about 2 yrs ago.—C. A. K. F. & H does not sell bladders for keeping the paper on fle.—C. H. L.: Scatfoot oil is the best oil for cleaning a black saddle. We know of nothing for cleaning a tan-colored saddle, as the preparations rub off on the clothes. A new russet saddle can be kept clean and shiny with skimmilk.—N. W. A.: William F. Fyfe & Co of Clinton, Mass., sell hard wood ashes.—S. J. S.: Dehorners are sold by George Webster, box 79, Christiansburg, Pa., and M. T. Phillips of Pomeroy, Pa. It is not best to dehorn a cow either just before or after parturition. If well done, bleeding should not be excessive. Use a covering of tar mixture. It is safer to dehorn during fall or spring while flies and insects are not about to infest the sore.

HORTICULTURAL QUERIES—Grafting fully described and illustrated in the following books. Thomas American Fruit Culturist, price \$2.50; Maynard's Practical Fruit Grower, price 50c; Bailey's Nursery Book, price 1; Fuller's Small Fruit Culturist, price 1; these are all sold by the Orange Judd Co of 52 Lafayette place, New York.—C. McD.: There is no remedy for black knot on plum trees. Bark splits and turns black on young trees because of an unhealthy condition of the tree. Black spots on apples is a fungous disease that exists just below the skin of the fruit. The good qualities of Guernsey cattle are numerous. See the book The Jersey, Alderney and Guernsey Cow, price \$1, sold by the Orange Judd Co of 52 Lafayette place, N. Y.

MACHINERY AND IMPLEMENTS—E. L. M.: I am unable to give you the address of the feed grinder manufacturer you desire. From your description, the portion of the windmill connection which has been lost is evidently intended to change the reciprocating motion to a circular motion. This may be done in several ways, but it will be the most convenient to get some of those that are already manufactured, otherwise the cost and the bother will be considerable. The one which seems to have been in use, according to the description, was the double clutch and ratchet wheel. You should obtain some of the devices used by some of the other windmills. There are several advertisements of such in F. & H.—D. B.: The Cider Makers Handbook, by Trowbridge, covers the cider making subject fully. It is sold by the Orange Judd Co of New York, \$1, prepaid.—G. T.: You can probably buy cultivator discs of any manufacturer of disc harrows or cultivators.

FARM PESTS—E. L. H.: There is no certain means of exterminating bats unless it be driving them out by smoke. If the bats occupy a building or garret, sulphur fumes, or smoke from damp straw, will probably drive them out. Of course openings should be left through which the bats can escape, and after a thorough fumigation, all apertures should be closed to prevent their return.—W. R.: In the northern states and Canada, skunks and minks breed but once a year. Skunks have from six to 10 young in a litter, minks usually from four to six.

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