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cases, they cause a weakening of the sheep, and later cause death. The pest may become more abundant from year to year, where the same pastures are used, and where no attempt is made to check it.

The sheep fear the fly. Provide shade in the pasture and scatter straw around, or keep the sheep's noses smeared with tar or other repellent. The fly attacks the sheep only in bright sunshine, and when the animal runs for shade or sticks its nose into the straw or bushes, it escapes the pest. Sheep will keep tar on their noses to some extent if the repellent is smeared around navel holes, in a board or log, which contain salt.

In case of a large flock, dipping is the most practical means of controlling scab and ticks. Where only a few sheep are to be treated, stock dip, or oil used sparingly, will keep the animals free.

Protrusion of the Vagina

This condition is met with most frequently in cows and ewes. It occurs during pregnancy, mostly in cows which are loosely built, wide in the pelvis, and whose tissues and genital passage are flabby and relaxed. Keeping cows of this kind in a stall sloping too much behind, or with a deep gutter, is liable to lead to this condition. In slight cases it may only be evident when the animal is lying in the stall, at which time the vagina protrudes from the vulva as a red tumor-like mass, and recedes to its place and disappears when the animal is standing. When of large volume, it continues to protrude from the vulva even while the animal is standing, and appears as a large rounded red mass. This condition is noticed sometimes about a month or six weeks before parturition. It is also met with frequently in cows after calving, when delivery has been difficult. It is more serious when it occurs after calving. The first thing in the line of treatment is to raise the hind part of the stall so that it is higher than the front and to fill up the gutter with plenty of bedding. This tends to raise the hind quarters and, to some extent, prevents the vagina from protruding. If it does not prove effective, the protruding mass should be washed clean with warm water and pushed into place with the hands. To retain it in place, a rope truss is applied so as to compress the sides and lips of the vulva close together and prevent the vagina from protruding. In applying the rope truss about 30 feet of soft half-inch rope is required. The rope is folded, double and tied so as to form a loop at the centre, which is fitted around the neck like a collar. The ends of the rope are then passed between the front legs and along under the belly, one on each side of the udder, and then up between the hind legs and the thighs. At the lower part of the vulva, a single knot is made of the two ropes and another knot is made above the Anus, just under the tail, thus forming a compress ring around the vulva. The ends of the rope and then carried forward along the back, drawn tight, and securely tied in front to the collar loop around the neck. Another method of preventing protrusion of the vagina is by the use of stitches inserted through the lips of the vulva.

Hereford Type

A topic much discussed in the west is the type of Hereford cattle. Shall they be the big framed, heavy-boned animals that the range demands, or shall they be of lesser size, with the emphasis laid on the feature of quality? It may not be amiss to consider this question as it applies to our New England conditions. Our problems are almost always similar, and frequently are exactly parallel with those of the western breeder. Shall we breed a type for the range trade, or hold to the smaller type, emphasizing quality? We have no range trade, but we have its duplicate, as nearly as varying conditions allow, in our breeder and feeder of steers—especially the breeder of steers, for we have more men who raise their own steers to feed than we have men who buy and feed the other man's stock. The latter class is fast growing, however, a corporation having been formed in the past year to feed western-grown steers on New Hampshire farms, but it is to the farmers who breed the cattle they fatten that we



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