

yield of milk and fat was increased by the larger amount of grain, .95 and .07 pound, respectively. The milk flow was maintained better on the larger than on the smaller amount of grain.

24. Apples fed to pigs in two experiments with skim milk and shorts had a value from nothing to 18 cents per hundred. In one experiment apples were only equal to grass pasture.

25. As grazers, pure-bred Tamworth swine were most superior. Berkshire, Poland China and Tamworth grades were about equal. Pure-bred Yorkshires were not equal to the other breeds in feeding qualities, especially as grazers.

26. The average cost of spring litters of six pigs each, including the cost of the keep of the sow for one year, when disposed of at a weight of 893 pounds, was \$29.42. The average cost of fall litters of seven pigs each, including the cost of the keep of the sow for one year when disposed of at a weight of 1,088 pounds, was \$36.90. The cost per hundred for spring pigs from weaning to a weight of 150 pounds was 2.70, and of fall pigs fed through the winter to a weight of 135 pounds, was \$2.77.

27. The average cost of raising cattle to one year of age was \$19.00 per head, and to two years of age, at which time they averaged 1037 pounds in weight, was \$36.97.

28. Sheep can be kept on irrigated farms at a good profit when hay sells for \$5.00 per ton, grain \$16.00 per ton, and wool and mutton at 20 and 4½ cents per pound respectively. At these prices there was greater profit in pasturing the land with sheep than in raising alfalfa and selling it.

OF VALUE TO HORSEMEN.

Do you turn your horses out for the winter? If so, we want to call your attention to a very important matter. Horses which have been used steadily at work, either on the farm or road, have quite likely had some strains whereby lameness or enlargements have been caused. Or perhaps new life is needed to be infused into their legs. Gombault's Caustic Balsam applied as per directions, just as you are turning the horse out, will be of great benefit; and this is the time when it can be used very successfully. One great advantage in using this

remedy is that after it is applied it needs no care or attention, but does its work well and at a time when the horse is having a rest. Of course it can be used with equal success while horses are in the stable, but many people in turning their horses out would use Caustic Balsam if they were reminded of it, and this article is given as a reminder.

Mere man pays the freight, but no college is an Alma pater.—Puck.

If the Master ever finds some of you he will have to hunt outside the church for you.

As to package and canned goods, outside appearance gives inside impression.—Ex.

A Florida man is going from New York to St. Augustine in a boat made entirely of newspapers. Hereafter, people should be careful how they express doubts about newspaper stories not being able to hold water.—Washington Herald.

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A three-year-old bull, extra sure breeder. A heifer one year old. A heifer eight months old. A bull calf. All of notable ancestry and from excellent cows. Address, HENRY HASLER, Mt. Pleasant, Utah.

Modern Sheep: BREEDS AND MANAGEMENT.

BY "SHEPHERD BOY." This is a book that every sheepman should have. It is undoubtedly the best book ever written on sheep, as it is from the pen of a practical shepherd, whose experience has been wide and varied. It contains nearly 350 pages of packed (not padded) matter, which means an equivalent to 700 pages of some similar works. It is beautifully illustrated with over 100 half-tones, and its subjects are treated in eight parts: History and Breeds; General Management; Sheep Management in the Western States; Fitting for Show; The Raising of "Hothouse" or Spring Lambs; Dressing Sheep and Lambs for Market; Pastures, Forage Crops, Etc.; and Diseases. No matter what books you have on sheep, your library is decidedly incomplete without this splendid work.

Secretary Wilson, Dep't of Agriculture, says of this book: "I have looked over 'Shepherd Boy's' book on modern sheep, and believe it would be valuable for ready reference to the teacher, editor, lecturer and farmer." It can be secured through this office at its published price of \$1.50, postpaid.

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