

## GOSSIP.

## SALE DATES CLAIMED.

May 25th.—G. H. Manhard and G. A. Gilroy, at Brockville, Ont.; Holsteins.  
July 1st.—John Davidson, Ashburn, Ont.; Shorthorns.

At Maryville, Missouri, on April 14th, 39 head of Aberdeen-Angus cattle, contributed by W. W. Andrews and Davis Bros., sold at auction for an average of \$216.66, the top price, \$720, being realized for the cow, Blackbird Woodlawn 14th, by Prince Ito, sold to Omer Catterson, of Missouri. Two other cows sold for \$525 each.

## GOOD PRICES FOR JERSEYS.

At the trustees' dispersion sale of the Lewisiana Farm Jerseys at Frederickburg, Virginia, on April 9th, some pretty stiff prices were realized, buyers from fourteen States and Canada taking some of the plums. The famous bull, Stockwell, sold for \$7,000, to Dr. H. D. Rodman, of Kentucky; Kanark, the great butter-test cow, now named Fontaine's Gold Medal, went to C. I. Hudson, for \$1,600. The bull, Eminent's Goldmont Lad, sold for \$800. B. H. Bull & Son, of Brampton, Ontario, secured the grand cow, Mon Plaisir's Fanny, at \$700, and half a dozen others sold for \$400 to \$700 each; the whole herd averaging about \$250.

## A GREAT SHORTHORN SALE.

F. W. Harding's annual sale of Shorthorns, held at his home, Anoka Farm, Waukesha, Wisconsin, on April 8th, was a pronounced success, the 48 head sold averaging \$445, while the 12 bulls made an average of \$550. The white yearling bull, Sultan of Anoka, topped the sale at \$2,500, the purchaser being J. H. Miller, Peru, Indiana. W. C. Edwards & Co., Rockland, Ont., secured the roan yearling, Gold Sultan, at \$600. Robert Miller, Stouffville, Ont., captured the red yearling, Superb Sultan, at \$500. The roan yearling, Stellar Showboy, went to Geo. J. Sayers, Chicago, at \$800. The highest for a female, \$1,035, was realized for the Canadian-bred Pine Grove Mildred 13th, a roan three-year-old cow, bred by W. C. Edwards & Co., sired by Marquis of Zenda, and purchased by J. H. Miller, Indiana. Twenty-one head brought prices ranging from \$400 up to \$2,500.

As an illustration of the extent of the sheep-raising industry in New Zealand, we quote from the Otago Witness of March 3rd: "The annual ewe fair was held at Feilding on Friday, when a larger number was yarded than has ever been seen there before. Some 35,000 were advertised, but an extra 6,000 came forward, making a total of 41,000 sheep. Although the yards have been several times enlarged of late, and temporary yards had been erected, and cattle pens made use of (there are no cattle taken for the fair), the accommodation was taxed to the utmost. The lots being so numerous necessitated making many small pens, and the auctioneering firms and their employees deserve credit for having all the drafting and yarding done in good time before the start of the sale. The bulk of the yarding were ewes. Approximately, the numbers were—3,700 lambs, 1,200 wethers, and 36,000 ewes."

Official records of 130 Holstein-Friesian cows were accepted by the American Holstein Association from March 21st to March 30th, 1909. This herd of 130 animals, of which the usual one-half were heifers with first or second calves, produced in seven consecutive days 50,051.3 lbs. milk, containing 1,705.251 lbs. butter-fat, thus showing an average of 3.41 per cent. fat. The average production for each animal was 385 lbs. milk, containing 13.117 lbs. of butter-fat; equivalent to 55 lbs., or nearly 27 quarts of milk per day, and 15.3 lbs. of the best commercial butter per week. While these would be very notable averages for a herd of grown cows of any other breed, they are somewhat below the average for a mixed herd of Holstein-Friesians, as shown from time to time by these official reports. Jewel Duchess, 22,109 lbs. fat, from 514.6 lbs. milk, heads both the lists and the aged cow class for this issue of the official reports.

## QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.  
2nd.—Questions should be clearly stated and plainly written, on one side of the paper only and must be accompanied by the full name and address of the writer.  
3rd.—In Veterinary questions the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.  
4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

## Miscellaneous.

## PERMANENT PASTURE—MUCK, UNDERLAD WITH QUICK-SAND.

Have ten acres of rather level land, top soil eight or more inches black muck, subsoil quicksand, and cold. Have done considerable underdraining. Wish to put it into permanent pasture.

1. What grasses and clovers should be sown?
2. Give proportionate amount of each in pounds, and total amount of all to acre.
3. If you recommend Red-top, Kentucky or Canadian Blue grass, as part of the mixture, specify the particular variety.

W. A. M.

Ans.—For land in Grey County, as described in the inquiries by Mr. Mearns, I would suggest the following varieties and quantities per acre of grasses and clovers for a permanent pasture: Meadow Fescue, 7 lbs.; Orchard Grass, 3 lbs.; Red-top, 3 lbs.; Meadow Fescue, 2 lbs.; Timothy, 2 lbs.; Alsike Clover, 3 lbs., and White Clover, 2 lbs., making a total of 22 lbs. of the mixture per acre.

C. A. ZAVITZ.

## SILO QUERIES—ROOTS FOR FALL FEEDING.

1. How many tons of silage will a silo 18 feet in diameter and 36 feet high hold?
2. What is a fair average yield of corn on good heavy soil in first-class condition, per acre, in tons?
3. What quantity of silage, or, rather, what weight, is considered sufficient for dry cows during winter, other food consisting of good oat straw, clover hay, and a few roots?
4. What is the better feed for milk cows in the fall and early winter months, turnips, mangels, or sugar beets?

SUBSCRIBER.

Glengarry Co., Ont.

Ans.—1. We estimate that a silo of these dimensions, filled, settled, and re-filled, with strong, well-cared corn, should hold in the neighborhood of 225 to 250 tons of silage. This, however, is only approximate, for while there are several tables published to show the capacity of silos of various depths, there is considerable variance in the estimates of authorities. It is generally stated that 50 cubic feet of silage weigh a ton, but at the bottom of a large, deep silo, 50 cubic feet will weigh a great deal more than a ton. Just how much more has not been worked out so conclusively as we could wish. Quite a bit depends upon the corn, its moisture content, etc.  
2. We should say fifteen tons per acre was a fair average yield, under the conditions specified. Considerable depends on locality, variety, season, cultivation, and thickness of sowing. Twenty tons per acre is not difficult to produce under favorable conditions, some growers obtain more.

3. Thirty to fifty pounds, depending upon the percentage of acid in the silage and capacity of the cow. As a rule, we believe it is well to feed only a moderate quantity of silage. Thirty-five pounds per cow per day is a fair allowance.  
4. Bushel for bushel, we should say sugar beets. Acre for acre, bearing in mind the fact that most farm-grown rations are deficient in protein, and that the nutritive ratio of mangels is narrower than that of sugar beets, we prefer mangels.

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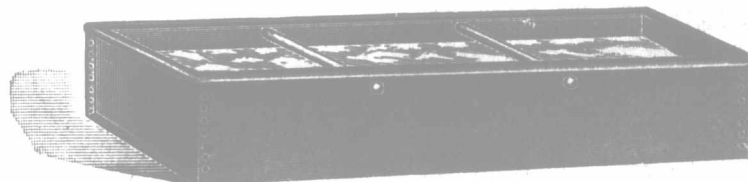
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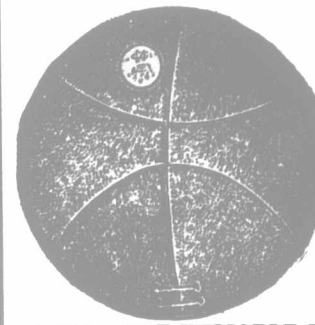
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