

## ENTOMOLOGICAL SOCIETY.

Editor "The Farmer's Advocate":

Dear Sir,—The annual meeting of the Entomological Society of Ontario will be held at the Ontario Agricultural College, Guelph, on Thursday, October 31st, and Friday, November 1st. In the afternoon of the former day it is expected that there will be a general discussion on the codling worm and other insects injurious to fruits. There will be public meetings on both evenings. Dr. Fletcher, of Ottawa, will preside over the meetings. CHARLES J. S. BETHUNE.

## UNFAVORABLE CONDITIONS IN CUMBERLAND CO., N. S.

Farmers in this part of Nova Scotia think we have had the most trying haying and harvest season we ever knew. The spring was cold and late, and a great deal of the grain was sown two or three weeks later than usual, but it was surprising how it came on, and early in August it looked as if we might have a heavy yield; but August and September were constantly wet, with some heavy winds which lodged the grain badly, and there was so little sunshine that grain did not ripen well at all, though we have had no injurious frosts yet (Oct. 8). We have a heavy crop of straw, most of which is so badly harvested that it is unfit for fodder; a light grain crop, of poor quality, and hay about 75 per cent. of an average crop. Potatoes are a good crop, but rotting badly; turnips, a full average yield. In this county there are several thousand acres of dyked marsh land, excellent for hay, the better parts of which grow good crops of timothy and some clover. The lower and less-improved parts produce a wild grass

known as "Broadleaf," which, though not marketable for city trade, is good fodder, and, when well cured, superior to clear timothy as a milk producer. This "Broadleaf" is never cut before September, and this year one heavy rain has followed another, until large areas of this land is flooded, and thousands of tons will be lost, and a great deal of what is secured will be very badly injured, and no better than good straw. Prices for hay and feed are abnormally high—hay around \$15 a ton, oats over 60c., bran \$26. All kinds of live stock is low, feeders and stockers and spring-calving cows especially so. Butter, poultry and eggs are unusually high, but, taken all together, it is certainly as blue a prospect for the coming winter as we farmers ever faced. I. BLACK, Cumberland Co., N. S.

## SILO INFORMATION WANTED.

Editor "The Farmer's Advocate":

It is claimed by some that nearly all concrete silos check.

1. From your knowledge of concrete silos, is this a fact?

2. We have lots of stone on place, and can hire a crusher; we have, too, spruce and cedar. Which kind of silo, under these circumstances, should one build, in your opinion?

3. Cannot a good octagon silo be built with sawed cedar laid horizontally? Do you know of such a silo giving satisfaction? From what we have seen, we are not just struck with a stave silo for our district, and, if possible, to do it as well and cheap as staves with cedar, or some other plan, would like a suggestion. Russell Co., Ont. F. H. McCULLOUGH.

[This is a subject on which we would like to hear from a number of "Farmer's Advocate" readers. Large numbers of cement silos are in use for years. What says experience? Do they crack? If so, why? What are their advantages, and what special precautions are needed in building them to secure perfect satisfaction? What say our readers to the other questions asked?—Editor.]

## JAPANESE STOCK FARM.

A newspaper despatch from Geneva Switzerland, under date of Oct. 4th, stated that a Japanese commission, composed of farming experts and veterinary surgeons, has arrived at Erlenbach, in the Canton of Berne, with the object of buying a large number of cattle of the famous Simmenthal breed. It is said the Japanese Government intends constructing and stocking a large model dairy farm near Tokio, where experiments will be made with various breeds of foreign cattle.

## MOST POWERFUL ICE-BREAKER YET.

Hon. L. P. Brodeur, Dominion Minister of Marine and Fisheries, says Canada is to have the largest and most powerful ice-breaker in the world, to ply between Prince Edward Island and the Maritime mainland. He claims to have found several firms on the other side of the Atlantic who were willing to build an ice-breaker and guarantee that it would run regularly without being caught in the ice. Whereat, in view of the repeated experience with previous 'ice-breakers, the Islanders will contemptuously chuckle.

## MARKETS.

## TORONTO.

## LIVE STOCK.

Last week the receipts of live stock at the City and Junction were large, especially at the former. There were 319 cars, consisting of 4,850 cattle, 4,160 hogs, 6,711 sheep, and 459 calves. The quality of fat cattle was not good generally. The best and the fattest cattle came from the Northwest, of which there were 39 carloads on sale at the City market on Thursday of last week.

Monday's receipts of cattle at the Junction were small and of medium quality. Export trade dull; prices 25c. to 50c. per cwt. lower. Exporters, \$4.15 to \$4.75; bulls, \$3.25 to \$4; butchers' of good quality, unchanged, picked lots, \$4.75 to \$4.95; loads of good, \$4.40 to \$4.60; medium, \$4 to \$4.25; common, \$3.25 to \$3.75; good cows, \$3.65 to \$4, common cows, \$2.50 to \$3; canners, \$1 to \$1.50; feeders, \$3.25 to \$3.50; stockers, \$2 to \$3; milk cows, \$30 to \$52. Calves, sheep and lambs unchanged. Hogs, \$6.25 for select; unfinished hogs at \$5.25.

Exporters.—Trade last week was about steady, the bulk selling from \$4.75 to \$5. Some common loads sold down to \$4.50, and one extra choice load brought \$5.25 per cwt. Jesse Dunn bought three of the best loads on the market at \$5 to \$5.25; Export bulls sold at \$3 to \$4.10.

Butchers'—The best load of butchers' sold at \$5.05, but they were a select lot. Outside of that load the selected lots went at \$4.70 to \$5; loads of good, \$4.30 to \$4.65; medium, \$3.75 to \$4.20; common, \$3.25 to \$3.65; canners, \$1 to \$1.50 per cwt.

Stockers and Feeders.—Few good stockers or feeders are being offered, but many common to medium. Farmers who were attending the markets find much difficulty in getting a few cattle of the right kind. Steers, 1,000 to 1,100 lbs., sold at \$3.40 to \$3.50; bulls, 1,000 to 1,300 lbs. each, \$2.25 to \$2.50. Stockers sold from \$1.75 to \$2.75.

Milkers and Springers.—Trade slow, owing largely to the number of common and medium cows that were on sale, and there being only one Montreal buyer on the market. The average price of the best cows would be about \$44; while common, light cows are not wanted, and sold from \$25 to \$35 each.

Veal Calves.—Nearly every drover had a few calves, the bulk being of the coarse, pot-bellied, horsey, buttermilk class; but they sold for more money than many year-olds on the market. Prices ranged from \$1.50 to \$6.50 per cwt., the bulk selling from \$4 to \$5 per cwt.

Sheep and Lambs.—The run was the largest of the season. Export ewes, \$4.25 to \$4.40; culls and bucks, \$3 to \$8.50; lambs, \$5 to \$5.50 for the bulk; culls, \$4 to \$4.50 per cwt.

Hogs.—Deliveries were larger at close

of last week. Packers quote prices unchanged. Selects, \$6.12½, and lights and lats, \$5.87½ per cwt., fed and watered at the market.

Horses.—Trade in horses at the Repository last week was quiet, simply a repetition of what it has been for some weeks. Mr. Watson, of the firm of Burns & Sheppard, repeated the same story about farmers asking from 25 to 30 per cent. more for their horses than dealers can afford to pay. Prices ranged as follows: Heavy workers, \$125 to \$175; medium, \$80 to \$100; expressers, \$100 to \$160; wagon horses, \$100 to \$140; chunks, sound, 1,200 to 1,800 lbs., \$120 to \$175.

## BREADSTUFFS.

The Toronto grain market was firm, especially for wheat, barley, peas and oats, the prices for which steadily advanced day by day.

Wheat.—No. 2 white, \$1.02 bid; No. 2 red, \$1.02 bid; No. 2 mixed, \$1.02 bid, all outside prices. Manitoba wheat—No. 2 Northern, \$1.16, at lake ports.

Corn.—American yellow, No. 2, 72½c., at Toronto; No. 2 mixed, 71c.

Barley.—No. 2, 72c. bid; No. 3, 70c.

Oats.—No. 2 white, 52c. to 52½c.; mixed, 51c., outside.

Rye.—No. 2, 78c. bid.

Peas.—No. 2, 85c. bid.

Bran.—Market firm, \$22 to \$23, in bulk, at outside points.

Shorts.—\$24.50 to \$25, in bulk, outside.

Flour.—Ontario, 90 per cent. patents, \$3.85 bid for export; Manitoba patent, special brands, \$5.80; second patents, \$5.20; strong bakers', \$5.20 to \$5.25.

## COUNTRY PRODUCE.

Butter.—Supplies light; market strong; prices firmer as follows: Creamery, pound rolls, 28c. to 29c.; creamery, boxes, 26c. to 27c.; dairy, pound rolls, 27c. to 28c.; tubs, 25c. to 26c.

Eggs.—Receipts light; prices firmer at 24c.

Cheese.—Scarce; market very firm. Large, 13½c.; twins, 13½c.

Honey.—Supplies light; prices firm. Extracted, 12c. to 13c.; combs, dozen sections, \$2.75 to \$3.25.

Potatoes.—Car lots of Ontarios, 75c. to 80c. per bag, on track, at Toronto. New Brunswick Delawares are again plentiful, and of better quality at 70c. to 75c. per bag, by the car, on track, at Toronto.

Poultry (alive).—Supply equal, if not greater than demand. Turkeys, 14c. per lb.; geese, 9c. to 10c.; ducks, 8c. to 10c.; chickens, 8c. to 10c.; fowl, 6c. to 7c. Dressed poultry, 2c. per lb. more.

Hay.—Receipts of baled hay continue light. Car lots, on track, are worth \$17 to \$18 per ton.

Straw.—Baled straw, firm, at \$9.50 to \$10, by car lots, on track, at Toronto.

Beans.—Hand-picked, \$1.90 to \$2; primes, \$1.80 to \$1.90. These prices are for broken lots.

## HIDES AND WOOL.

E. T. Carter & Co., 85 Front St., have been paying the following prices: Inspected hides, No. 1 steers and cows, 8c., No. 2, steers and cows, 7c.; country hides, 6c. to 7c.; calf skins, No. 1, city, 12c.; calf skins, No. 1, country, 10c., to 11c.; horse hides, No. 1, each, \$2.75 to \$3; tallow, 5½c. to 6c.; wool, unwashed, 12c. to 13c.; wool, washed, 22c. to 23c.; rejections, 16c.; lamb skins, 75c.; horse hair, per lb., 30c.

## SEEDS.

William Rennie & Co. report the market strong for alsike clover seed, with prices again firmer. No. 1, per bushel, \$8.60 to \$9; No. 2, \$7.50 to \$8.

## TORONTO FRUIT MARKET.

Receipts equal to the demand, especially the poorer grades. Grapes are plentiful at 85c. to 40c. per basket; plums, 85c. to \$1.25; pears, large, 75c. to \$1; peaches, good to choice, \$1.50 to \$1.75; medium, \$1.10 to \$1.20; tomatoes, 25c. to 30c.; apples, per bbl., \$2 to \$3; gherkins, 80c. to \$1.25 per basket.

## CHEESE BOARD PRICES.

Toronto—Market firm, with a fairly good demand; large quoted at 13½c., and twins at 13½c. Brantford, 13½c. to 13 3/16c. Ottawa—White, 13c., and colored, 13 1/16c. Napanee—Colored sold at 13½c.; white, 13 1/16c. Perth—900 white and 300 colored, all were sold subject to Brockville ruling price. London—bidding, 12½c. and 13c. St. Hyacinthe, Que.—500 boxes white sold at 13½c., and colored at 13½c. Belleville, 13½c. Russell, Ont., 13c. Winchester—Colored and white, 13½c. Picton, 13½c. Cowansville, Que., 13 1/16c. Brockville—Colored sold at 13½c., and white at 13c.

## BUFFALO.

Cattle.—Slow and easier. Prime steers, \$6 to \$6.60.

Veals.—Active and steady.

Hogs.—Active. Pigs, heavy, \$7.15 to \$7.30; mixed, \$7.35 to \$7.50; Yorkers, \$7.20 to \$7.40; pigs, \$6.50; roughs, \$5.75 to \$6.40; dairies, \$6.50 to \$7.20.

Sheep and Lambs.—Active and steady.

Lambs, \$5 to \$7.75; yearlings, \$5.75 to \$6.25; wethers, \$5.50 to \$5.75; ewes, \$5 to \$5.50; sheep, mixed, \$2.50 to \$5.50; Canada lambs, \$7.25 to \$7.60.

## CHICAGO.

Cattle.—Steers, \$5.25 to \$7.30; cows, \$3.30 to \$5; heifers, \$3 to \$5.75; bulls, \$2.60 to \$5; calves, \$3 to \$8.50; stockers and feeders, \$2.40 to \$5.

Hogs.—Choice heavy shipping, \$6.80 to \$6.90; light butchers', \$6.80 to \$7; light, mixed, \$6.60 to \$7.80; choice light, \$6.80 to \$7; packing, \$6 to \$7; pigs, \$5 to \$6.40; bulk of sales, \$6.40 to \$7.

Sheep and Lambs.—Sheep, \$3.50 to \$6.25; lambs, \$5.75 to \$7.40; yearlings, \$5.50 to \$6.

## MONTREAL.

Live Stock.—Local supplies, particularly of cattle, continue to increase, those offered last week being the largest of the season. Quotations about 4½c. to 5c. per lb. for choice cattle; fine, 4½c.; good, 4c. to 4½c.; medium, 3½c. to 4c.; common, 2½c. to 3c., and less for inferior. Some demand for canners' cattle, and packers paid 1½c. to 1½c. for cows, and up to 2c. for bulls. Exporters took very few cattle. Supply of sheep and lambs fairly large; demand good at 4c. to 4½c. per lb. for sheep, and 5½c. to 5½c. for lambs. Calves also in good demand; poor stock taken at \$3 to \$5 each, and finest up to \$12 each. Packers claim the price of hogs must decline, this being also their wish. Choicest, 6½c. to 6½c. per lb., off cars.

Horses.—Slightly improved demand last week, and a number of sales were made for both local and out-of-town account, the latter mostly required by lumbermen and railway contractors. Supplies light, but it is expected there will be plenty of culls offering early this winter to depress prices. Heavy-draft horses, weighing 1,500 to 1,700 lbs., \$250 to \$300 each; light-draft, 1,400 to 1,500 lbs., \$225 to \$275; express, \$150 to \$225; common plugs, \$50 to \$75 each, and choice saddle and carriage horses, \$800 to \$850 each.

Provisions and Dressed Hogs.—Cooler weather occasions a brisker demand for abattoir fresh-killed hogs. Prices at 9c. to 9½c. per lb. Packers are buying hogs steadily. Hams are in good demand. Hams weighing 25 lbs. and over, sell at 12½c. per lb.; 18- to 25-lb. hams sell at 13c. per lb.; 12- to 18-lb. hams, 14c. per lb.; 8 to 12 lbs., 14½c. Bacon, 10c. to 11½c. per lb. for green, and 12c. to 15c. per lb. for finest smoked. Barreled pork, \$22.50 to \$23 per bbl., and compound lard at 9½c. to 10½c. per lb.; pure, 12c. to 13c.

Potatoes.—It is difficult to sell Green Mountains here now, it having become recognized that, owing to rot of some kind or other, the stock is apt to become unsalable in the course of a few days. Good demand for Quebec Whites. These cost 55c. to 60c. per 90 lbs., carloads, on track, and are selling, in loads, from the same position, at 70c. to 75c.; while in lots of a dozen bags, they are being delivered into store at 80c. to 85c.

Eggs.—This market continues to advance from week to week. Last week, it is said, dealers had to pay 21c. west of Toronto, and 21½c. east of Belleville. This stock is sold here, as it arrives, at 23c. per dozen. When candled, and the large stock taken out, it sells at 22c., while the selects bring 28c. per dozen. Demand very active in spite of high prices.

Butter.—The butter market has been stronger than ever, and it is hard to say when the advance in price will stop. As only 33 packages were exported during the week ending Oct. 6, it may be said that there is no demand from the other