

THE ELMHURST HERD.—Mr. Fox has sold several Rosa Knightloys and a Gwynns hoifer at high prices to the Hon. George Brown, Bow Park, Ontario, Canada.—*North British Agriculturist.*

The *Telegraph*, London, (Eng.) says that the Duke of Devonshire has sold from the Holker Short-horn herd Grand Duchess of Oxford 29th, to the Hon. George Brown, of Canada, for 2,500 guineas, the highest price ever yet paid for a female Short-horn in England.

BATES' SHORTHORNS FOR CANADA.—Grand Duke of Thorndale 2nd (31298), with four females—two of the Acomb tribe, and two Barringtons—from Mr. Slye's fashionable herd at Beaumont Grange, England, have been bought for exportation to the Bow Park Herd, belonging to the Hon. George Brown, of Toronto. The bull cost 1500 guineas, and the five averaged £672 a head.—*North British Agriculturist.*

Great Shorthorn Sales.

Three great sales of thorough-bred Shorthorns are to take place on the Provincial Fair Grounds in this city on the 14th, 15th, and 16th of next month, which cannot but excite very great interest among farmers and breeders in all parts of the continent. A large number of first-class animals will be dispersed, and exercise a highly beneficial influence on the farm stock of our country. Mr. Cochrane, Mr. Beattie and Mr. Hope offer a lot of sixty excellent animals, among which are two *Duchess of Airbriess*, a branch of the highest family of Shorthorns in the world. Mr. Brown offers choice selections of fifty head from the Bow Park Herd, which, for their high pedigrees, as well as their individual qualities, will attract attention. John Snell's Sons and W. T. Benson will offer sixty-six head, among which will be found some very fine animals. The concurrence of these three great sales in one week will bring a large gathering of the leading agriculturists of Canada and the States to our city, and it is to be hoped that our Canadian farmers will not permit the best of the stock to be carried off by our enterprising neighbors.

Forthcoming Shorthorn Sales.

The following sales are announced to come off at the times and places mentioned:

- May 22d—"Excelsior" herd, Freeport, Ill., about seventy five head, J. R. Sholly.
- May 23d—"Fine Stock Farm," Lee Co., Ill.; Dysart & Lalm in.
- May 24th—Hon. William Stewart, Franklin Grove, Ill., Shorthorns.
- May 24th—Franklin Grove, Ill.; W. Stewart
- May 25th—Robert Holloway, Deater Park, Chicago, entire Durham Lawn Herd of Shorthorns.
- May 26th—Dexter Park Stock Yard, Chicago, sixty head, Dodge, Smith & Jones.
- May 31st—"Oakland Farm," Cambridge City, Indiana; S. Meredith & Son and R. C. Dun.
- June 1st—Indianapolis Grounds; Williamson, Forsyth.
- June 6th—Shipman, Ill.; W. W. Reynolds's Herd.
- June 7th—"Grove Park," Berlin, Ill., fifty head, Brown & Sons and General Curtis.
- June 8th—"Durham Farm" Herd, Jacksonville, Ill., S. Dunlap.
- June 14th—Hon. M. H. Cochrane, Simon Beattie, and John Hope, Provincial Show Grounds, Toronto, Canada; fifty head of first-class Shorthorns.
- June 15th—Hon. George Brown, fifty head—choice selections from the Bow Park Herd, at Toronto, Canada.
- June 16th—John Snell's Sons, and W. T. Benson, Edmonton, Canada, Shorthorns. Sale at Toronto.
- June 27th—Dr. A. S. Talbert, Lexington, Ky.; Trotters and Shorthorns.
- Aug. 9—T. J. Megibbon, Cynthia, Ky.; one half of Fairview Herd.
- Aug. 10—G. M. Bedford, Paris, Ky.; entire Stoner Herd.
- Aug. 11—B. J. Clay & Sons, B. F. Bedford, and Hall & Taylor, Paris (Ky.) Fair Grounds; about one half of their respective herds.
- Aug. 12—J. W. Burgess, Wm. Warfield, and L. Cums, Jr., Lexington, Ky.; one half of their respective herds.
- Oct. 16—Jas. C. and George Hamilton, Winchester, Ky., Shorthorns.
- Oct. 11—H. P. Thomson, Moundalo Herd, Thomson's Station, Clark Co., Ky.
- Oct. 13—John V. Grigsby, Crethmore Herd, Winchester, Clark Co., Kentucky.
- Oct. 14—John W. Bean and Robinson Brothers, Winchester, Clark Co., Ky.; Shorthorns.
- Oct. 17—W. H. Fisher; entire herd of Shorthorns.
- Oct. 18—Thos. Corwin & Son, Boyd's Station, Ky.; Shorthorns.
- Oct. 18—H. Clay Hutchcraft, Paris, Ky.; Shorthorns.
- Oct. 19—Ayers & McClintock, Millersburg, Ky., Shorthorns.
- Oct. 20—Joseph Scott, Paris, Shorthorns.

Correspondence.

UNDERDRAINER, Ottawa.—After your drains have been completed, plough the land across them, and leave the dead furrows open to conduct water to them.

SMUT PREVENTIVE.—Farmer, Wellington.—We answer your query in the words of Mr. Mechi, who says: I think the steeping process should be generally adopted. We use one pound sulphate of copper to ten quarts of water. The seed is steeped in this for about ten minutes, and well stirred, or is put on a floor and there thoroughly saturated with the solution. Whenever we have omitted the steeping, our crops have proved more or less blighted and smutty.

PARSNIPS FOR STOCK.—Reader, Uxbridge.—Certainly you can scarcely use a better article of food for producing either butter or beef.

HOW DRILLS SHOULD RUN.—Acme, Glengarry.—If you keep shading alone in view, we would say let them run east and west to gain the fullest measure of sunlight, and vice versa.

OIL CAKE.—Reader, St. Mary's.—One pound per day is ample for a horse. Oil cake is not essentially fattening of itself; it serves rather as an aid to assimilation, and therefore to digestion.

PROFIT OF FEEDING POTATOES.—Juvenile, Maryboro.—We think it decidedly more profitable to feed potatoes and convert them into beef, butter, and cheese, than sell them at twenty cents per bushel.

TESTING THE PLOUGHSHARE.—Subscriber, Sarnia.—The article to which you refer appears in the CANADA FARMER for 1873, page 135. The test can be effected by three methods, colour, touch, and sound.

LEACHED ASHES.—Subscriber, Dunkeld.—It is impossible to answer your query definitely without a knowledge of your soil. Try the experiment on an acre or two, at the rate of from 80 to 100 bushels per acre.

WHIPPING HORSES.—A. B., Montrose.—It is, no doubt, necessary to use the whip sometimes, but it should always be applied judiciously, and great care should be taken not to arouse the passions, or excite the will to obstinacy.

LICE ON HENS.—Poultryman, Toronto.—Several remedies for lice have appeared at different times in the CANADA FARMER, one of the most effective of which, we think, is sulphur. Carbolic acid, dusted or sprinkled over the fowls, is also said to be a sure cure.

ELDERBERRIES.—Alpha, Sarnia.—Yes, they are most useful and wholesome, made into wine, pies or jellies. The trees should be kept as much as possible in one place, for they sucker badly, and are very troublesome when in too close proximity to other crops.

HUCKLEBERRIES.—Janus, Waterloo.—No, you cannot raise huckleberries successfully in your garden. The experiment has been tried repeatedly, but with one result, viz.: that the vines merely lived and that was all, each one producing about a dozen berries.

THE MAGIE HOG.—Subscriber, London.—The Magie hog, so named after an Ohio breeder, is understood to be a cross of the large China, the Byfield and Berkshire. The hog is large, and usually spotted black and white. It goes generally under the name "Poland-China."

PLASTERING CONCRETE WALLS. X. Y.—To obviate all risk of dampness, set up 1 or 1½ inch planks on the inside of your walls, and lath and plaster them. This will make sure work and the cost will not much exceed that of smoothing and finishing the already rough surface. Had you left air-chambers in the walls, all would have been well.

CATCHING THE SHEEP.—Reader, Paris.—Yes In many instances the skin has been known to separate from the body and inflammation to have set in, when the animal was caught by the wool. Catch around the neck, smartly, with both hands. Then pass one arm gently around the body, grasp the brisket, and raise the animal completely off the ground.

EGYPTIAN SPRING WHEAT.—H. H., KINGSTON, N.Y.—This new variety has been tested but in one instance as yet in Ontario. The results were excellent; much better than with any other sample. It would, however, be premature to express any decided opinion as to its merits without further experience. By the fall we will be able to judge it definitely, as a great many farmers are trying it throughout the Province. There is no seed to be had here.

ANALYSING SOIL.—W. K., Peterboro'.—The actual analysis of your soil would prove a difficult and, very possibly, unsatisfactory undertaking. A simpler method, if you desire to test the fertilizing theory, is to dress one strip with a potassic fertilizer, another with a nitrogenous fertilizer, a third with a phosphatic fertilizer, a fourth with a mixture of all three, and if even a fifth be preserved for the same crop and tillage, but with no manure, you can scarcely fail to gain some useful hints as to the needs of the field. The results will show the relative value of fertilizers in the ratio of the crops produced, as well as demonstrate the adaptation of land to given crops.

MIXED GRAIN.—Reader, St. Mary's.—Oats and barley, for the purpose mentioned, should answer well together. In Sweden and Denmark the practice of mixing and sowing them together is common, and in cases of insufficient natural meadows, the product is reckoned an excellent substitute for hay. Of course it is cut when the grain is in milk.

Patrons of Husbandry.

The following new Granges have been organized since our last issue:

- 459. VILLA NORA.—Wm. Ewin, Master, Villa Nora; Ira Stafford, Secretary, Villa Nora.
- 466. TAYLOR.—Thos. Taylor, Master, Inistigo; C. Treadgold, Secretary, Flesherton.
- 461. OAKLAND.—Henry Key, Master, Oakland; Thos. Mills, Secretary, Oakland.
- 462. CLARKMONT.—Wm. Miller, Jr., Master, Claremont; E. M. Pugh, Secretary, Claremont.
- 463. UTICA.—John Orchard, Master, Utica; Hugh Munro, Secretary, Epsom.
- 464. PURPLEVILLE.—D. McMurray, Master, Purpleville; A. Malloy, Secretary, Purpleville.
- 465. OSPREY.—P. Wismer, Master, Foversham; Josiah Gamey, Secretary, Maxwell.
- 466. PROSPECT.—William Ireland, Master, Strathroy; Orin Demery, Secretary, Strathroy.
- 467. QUEEN HILL.—W. J. Taylor, Master, Stayner; J. C. Horner, Secretary, Stayner.
- 468. SUNNIDALE.—George Hawkin, Master, Stayner, Charles Hislop, Secretary, Stayner.
- 469. ABWALA.—Joseph Wright, Master, Koenansville; Matthew Ronan, Secretary, Athlone.
- 470. ROYAL OAK.—Thos. Gillis, Master, Richmond Hill; Henry Newbury, Secretary, Richmond Hill.
- 471. ACTON WEST.—W. Gordon, Master, Acton West; R. B. Campbell, Secretary, Acton West.
- 472. LOVELLY.—Lauchlin Curry, Master, Hartly; Thos. Broomfield, Secretary, Elenam.
- 473. EAST OXFORD.—B. A. Mallins, Master, Burgessville; J. D. Chambers, Secretary, Holbrook.
- 474. CARNEGIE.—A. Catto, Master, Carnegie; John Heniet, Secretary, Carnegie.
- 475. MELROSE.—David Hill, Master, Maxwell; Wm. Hicks, Secretary, Maxwell.
- 476. VICTORIA CORNERS.—James McMurray, Master, Victoria Corners; David Irvine, Secretary, Victoria Corners.
- 477. UXBIDGE.—E. H. Hillborn, Master, Uxbridge; G. B. Miller, Secretary, Uxbridge.
- 478. SMITHFIELD.—Richard Penhall, Master, Smithfield; Jos. Moffatt, Secretary, Smithfield.
- 479. LAKE ROAD.—Wm. Wood, Master, Forest; David Brand, Secretary, Forest.
- 480. YOUNG CANADIAN.—Joseph Irwin, Master, Lynden; Joseph Vansickle, Secretary, Harrisburg.
- 481. DUMFRIES.—John Anderson, Master, Dumfries, N.B.; Henry T. Strange, Secretary, Poquolock, N.B.
- 482. FENELLA.—Joseph Jewell, Master, Fenella; Robert Knox, Secretary, Fenella.
- 483. WOODVILLE.—Ira Argue, Master, Woodville; Amos Hawkins, Secretary, Woodville.
- 484. MYRTLE.—M. McTaggart, Master, Myrtle; D. L. Williams, Secretary, Myrtle.
- 485. NEWTONVILLE.—J. R. Reid, Master, Clarke; R. C. Clarke, Secretary, Clarke.
- 486. VALE.—Henry Belford, Master, Codrington; Herman Clarke, Secretary, Codrington.
- 487. EXCELSIOR.—R. Walt, Master, Colborne; M. Dudley, Secretary, Colborne.
- 488. AIRLIE.—John Green, Master, Airlie; Michael Irwin, Secretary, Airlie.
- 489. PONSONBY.—J. Cowie, Master, Ponsonby; J. D. Wallace, Secretary, Ponsonby.
- 490. IVY.—E. A. Morse, Master, Smithville; Isaac A. Meritt, Secretary, Smithville.
- 491. SHANTY BAY.—Alex. Hume, Master, Shanty Bay; A. M. McLane, Secretary, Shanty Bay.
- 492. BROOKLIN.—John Burns, Master, Brooklin; James Burns, Secretary, Brooklin.
- 493. MOUNT HURST.—George Jones, Master, Castlederg; Daniel Maby, Secretary, Castlederg.
- 494. WATER LILY.—Alex. Young, Master, Wellandport; Gavin E. Robertson, Secretary, Wellandport.
- 495. WEST ESSA.—Robert Turnbull, Master, West Essa; J. T. Coburn, Secretary, West Essa.
- 496. COTSWOLD.—John Darroch, Master, Cotswold; Edward Darroch, Secretary, Cotswold.
- 497. COBQUID.—Robt. Putnam, Master, Fort Belcher, N.S.; N. M. King, Secretary, Central Onslow.
- 498. ST. LAWRENCE.—J. Smithson, Master, Graystock; M. Graystock, Secretary, Graystock.
- 499. MATHLANA.—J. Duncan, Master, Porter's Hill; J. Shaw, Secretary, Goderich.

Miscellaneous.

THE EXECUTIVE COMMITTEE of the Dominion Grange will meet in Toronto June 6th, instead of Napance June 13th, as before reported. Parties having business, or matter of any kind to lay before the committee will correspond with the secretary before that time.

W. P. PAGE,
Secretary Dominion Grange.

GRANGE ACCOMMODATION AT THE CENTENNIAL.—The Centennial Encampment Association have fitted up at Philadelphia an immense hotel of 1,200 rooms, capable of accommodating about 4,000 persons. Adjacent to it is an hospital for sick visitors, also under the same management. The cost of board and lodging is to be 50 cents per meal, and \$1 per day for each double bed.

THE HAMILTON *Spectator* says:—It is the opinion of old fishermen that as the city grows larger the number of fish in the bay grows less. They believe that the numerous drains entering into the bay poison, color, and thicken the water to the end that delicate fish cannot remain in it. Twenty years ago the bay swarmed with pickerel, and now not one can be had, and as for bass, they are becoming gradually and beautifully less.