

been stimulated, and in all the lines distinct improvement is notable as a consequence of intelligent selection in breeding and care in the feeding and treatment of the animals. The judges, too, have been wisely chosen and have done good service in setting the standard of type, not by a slavish following of the advice of the packers, but with a view to profitable production as well as a nearer approach to the required type. Many of the cross-bred pigs shown were admirable specimens of the bacon hog, though we must say that quite as large a proportion of the pure-breds, in our judgment, measured up to quite as high a standard in that regard. The competition was close and keen in nearly every class, and especially so in the grade classes and in those for bacon hogs, where all breeds and crosses came in competition. These were judged by a committee of pork-packers, as were also the carcasses of those which were entered for the slaughter contest, which was a new feature and one of the most interesting in the whole show. The judges had the dressed carcasses split in halves and hung up in the exhibition hall, and the judges explained to a deeply interested audience the reasons for their decisions, pointing out the merits of the approved product and the faults of that which was not up to the mark, and answering questions put to them by the farmers present. We hope to see this feature of our fat stock shows, the slaughter test, extended to the sheep and cattle classes in future, as it is only by this means that correct results can be obtained. A full report of the prize list will be found in another column. The judges in the classes for Chester Whites, G. B. Hood and C. W. Yapp; Poland-Chinas, Duroc Jerseys, and grades, G. B. Hood and D. DeCoursey; for Berkshires, Yorkshires, Essex and Suffolks, and Tamworths, Messrs. Thos. Teasdale and W. H. Jones. For the bacon sections, Messrs. Jas. Leach, of the Wm. Davies Packing Co., Toronto; Chester Fearnman, Hamilton; and W. Britton, Ingersoll.

In the class for four export bacon hogs, grades or crosses, 1st went to a Tamworth cross, 2nd to a Tamworth-Duroc cross, and 3rd to a Tamworth-Berkshire cross. In four export bacon hogs, any breed or grade, Yorkshires took 1st and 2nd, and Tamworths 3rd. In the class for two best bacon hogs (killed and dressed at show), 1st was killed. Pairs of Tamworth grades took 1st, 2nd and 3rd; highly commended going to a Berkshire grade and commended to a Yorkshire. The special sweepstakes prize for the best animal in the swine department was awarded to George Green, Fairview, for a Berkshire sow under nine months, the judges being Messrs. DeCoursey, Teasdale, and Hood.

FORTY-EIGHT HOURS' DAIRY TEST.

The dairy test, the results of which are summarized in the following table, was conducted by Professor G. E. Day, of the Ontario Agricultural College, assisted by Mr. A. C. Wilson, also of that institution. The cows were milked out clean on the evening of Nov. 29th, the test commencing the next morning. The exhibitors were allowed the privilege of milking their cows twice or three times in twenty-four hours, and the latter privilege was taken advantage of with about half the cows. Those milked twice a day were milked at six and six, and the three milkings at five, one and nine o'clock. The following table shows, in pounds, each cow's forty-eight hours' product of fat, solids not fat, and total points, according to the note below the table:

Awards.	Name of cow.	Breed.	Owner.	Address.	lbs. fat not fat.	lbs. fat.	Total points.
First	Jubilee Julian	Shorthorn, over 36 mths	H. K. Fairbairn	Thedford	7.751	3.039	101.784
Second	Bella Gwynne	" under 36 mths	Jno. Kelly	Shakespeare	4.966	2.170	72.269
First	Matilda 9th	" under 36 mths	Thos. Russell & Son	Exeter	3.501	1.612	52.244
Second	Gracie Gwynne	" under 36 mths	Jno. Kelly	Shakespeare	3.454	1.480	50.416
First	Nelly Grey	Ayrshire, over 36 mths	N. Dymont	Clappison's	5.543	2.572	93.312
Second	Briery Banks Cora	" under 36 mths	W. M. & J. C. Smith	Fairfield Plains	6.290	2.574	91.940
Third	Dolly Duchess	" under 36 mths	J. R. Alexander	Brantford	4.474	1.750	69.824
Fourth	Dunoon	" under 36 mths	W. M. & J. C. Smith	Fairfield Plains	5.067	2.096	73.588
First	Fanny of Fairfield	" under 36 mths	J. McCormick & Son	Rockton	5.383	1.867	71.572
Second	Primrose 9th	" under 36 mths	N. Dymont	"	4.676	1.747	67.744
Third	Pearl of Hickory Hill	" under 36 mths	W. M. & J. C. Smith	"	2.933	1.058	43.692
Fourth	Gurta 21	" under 36 mths	A. & G. Rice	Currie's	13.675	4.941	163.52
First	Calamity Jane	Holstein, over 36 mths	"	"	9.981	3.733	122.584
Second	Lady Pietertje's Konigen	" under 36 mths	"	"	9.059	2.394	109.516
Third	Winnie R	" under 36 mths	"	"	11.567	4.265	141.168
Fourth	Daisy Texel 2nd	" under 36 mths	"	"	6.270	2.463	81.94
First	Dewdrop Clothilde	" under 36 mths	"	"	6.426	2.460	81.004
Second	Daisy Texel 3rd	" under 36 mths	"	"	4.574	2.628	98.365
Third	Daisy of Clandeboye	" under 36 mths	W. J. Elliott	New Durham	5.723	2.931	94.912
Fourth	Rhoda	" under 36 mths	B. H. Bull & Son	Brampton	5.498	2.680	85.362
First	Colonia	" under 36 mths	"	"	3.930	2.441	76.04
Second	Ruby Cecile	" under 36 mths	W. J. Elliott	"	5.425	2.155	70.608
Third	Bettina of Brampton	" under 36 mths	B. H. Bull.	"	4.062	2.085	70.263
Fourth	Minett of Brampton	" under 36 mths	"	"	4.401	1.694	70.008
First	Kathline of Brampton	" under 36 mths	W. J. Elliott	Dereham Centre	2.933	1.778	70.892
Second	Maid of Burford	" under 36 mths	Wm. Butler & Son	"	2.004	1.176	63.536
Third	Tamarina	" under 36 mths	"	"	2.426	1.386	68.924
Fourth	Lady Tuke	" under 36 mths	"	"	9.376	3.353	111.574
First	Daisy Rose of Sunny Spring	Grade, over 36 mths	F. Martindale	York	8.547	3.261	107.408
Second	Lady Cleveland	" under 36 mths	H. McDougal	Guelph	7.496	2.862	95.224
Third	Utopia	" under 36 mths	J. R. Alexander	Brantford	5.426	2.238	89.463
Fourth	Flora	" under 36 mths	W. J. Thompson	Rockton	7.857	3.899	121.408
First	Rockton Lass	" under 36 mths	B. H. Bull & Son	"	3.249	1.744	82.876
Second	Daisy	" under 36 mths	W. J. Thompson	Rockton	3.340	1.816	78.78
Third	Daisy Rose	" under 36 mths	Wm. Butler & Son	"	"	"	"
Fourth	Calamity Jane	" under 36 mths	A. & G. Rice	"	"	"	"
First	Daisy Texel 2nd	" under 36 mths	"	"	"	"	"
Second	Lady Pietertje's Konigen	" under 36 mths	"	"	"	"	"
Third	"	" under 36 mths	"	"	"	"	"

*Sweepstakes—Best pure-bred dairy cow.

Most valuable exhibit of dairy cows—A. & G. Rice, Currie's.

NOTE.—The age of dairy cattle was computed to the 1st of August, and the awards were made by the following scale:

- 10 points for constitution and conformation.
- 20 points for each pound of fat.
- 4 points for each pound of solids (not fat).
- 1 point for each 10 days in milk after the first 30 days (limit, 30 points).

Guelph Fat Stock Show.

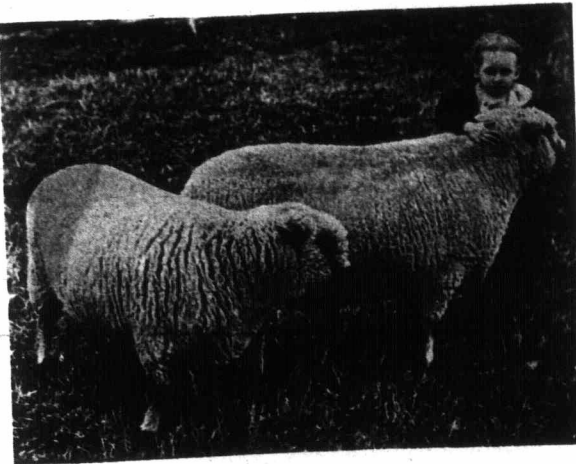
The seventeenth annual exhibition of the Guelph Fat Stock Show was held in the Royal City on December 6th, 7th and 8th. On the evening of the 6th the directors sent a cable message to Mr. Powell, Secretary of the Smithfield Fat Stock Show, the great English exhibition, congratulating the show upon reaching the 100th year of its existence. The message reached Smithfield during the progress of the banquet held in honor of the event. The message was as follows: "To Powell, London West: 'The Guelph Fat Stock Club send congratulations on your centenary anniversary.'"

The following answer was received from the Prince of Wales, President of the Smithfield Show: "To the Fat Stock Club, Guelph, Canada: 'The President and the members of the Smithfield Club, in meeting assembled, return thanks for your kind congratulations on a centenary anniversary. (Signed) Albert Edward.'"

The energetic President, Directors, and Secretary had worked hard to ensure a successful exhibition, and their efforts were well rewarded, for in nearly every department there was a full list of entries which were a credit to Guelph and to the Province of Ontario. The swine department was not so strong as it might have been, but was nevertheless fairly filled with pigs of good type. There was an unfortunate clashing of dates with Woodstock show, which kept away some exhibitors who would otherwise have been present.

CATTLE.

Pure-bred cattle of all breeds showed together. There were six two-year-old steers out, three being Shorthorns, two Herefords, and one a Devon. Matt. Wilson's Lord Minto, a white, who distinguished himself at Brantford, won first prize again here. Oke & Sons' Walter made a good second, with a Hereford from the Stone Estate third. Yearling steers were five in number, four of them being white. H. Smith's Brantford prizewinner again scored first, with Messrs. Watt's two entries second and third, all being whites, and good ones. Rudd's Devon came out ahead for cows three years



A HAPPY TRIO.

Miss Ethel Ganton and a pair of the favorites of her father, Mr. D. G. Ganton, Saurin, Ont., Canada.

old and over, a red of Oke's coming next in order, and McDougall's Angus, another Brantford winner, third. D. McCrae showed a couple of Galloways in this section, one of which, College Brighteyes, was a beautiful picture—round as a barrel. J. Brown

had a capital two-year-old Hereford heifer, of H. D. Smith's blood, which secured the red ticket, Oke and Rudd being second and third respectively. Oke had the only two entries for yearling heifers.

Grades were a strong lot. John Campbell's sweepstakes winner, Perfection, carried first honors in the two-year-old steer section, followed by Jas. Leask's roan and Mr. Wilson's son of Sailor Chief. Leask won both the red and blue tickets for yearlings, with J. Campbell's entry third, thus following the Brantford decisions. Leask had a capital three-year-old heifer, the only representative in that section. Mr. Wilson's thick-fleshed roan came to the front in the two-year-old heifer class, Wm. Argo's Hereford being second and Thos. Lyons' white third. For yearling heifers Leask's twin could not be denied first place. Campbell had a good one, with a very nice top and back, which came second, and Oke's entry was third. The Dominion Shorthorn Breeders' Association's prize of \$25 for the best registered Shorthorn steer of any age was won by Mr. Wilson's Lord Minto, and the similar prize for grade Shorthorns by Campbell's Perfection.

There were a number of classes limited to exhibitors from certain local townships and counties, and there was also a proviso that the exhibitors, and in some cases the animals, should not have won prizes at previous fat stock shows. Several of the winners won in competition here in the open classes as well. For the Township of Eramosa, Wm. Argo and Thos. Scott were the successful exhibitors; for Puslinch, Jas. Scott; for Guelph Township, J. McGill and Alf. Hales; for Waterloo County, J. Brown and W. Cowan; for Wellington County, J. & W. B. Watt. For the best pair of export cattle over 1,200 pounds, limited to Waterloo County, J. W. Brown had the only entry. In the open class for export pairs, Bowman deservedly won with a splendid grade Polled Angus heifer and a pure-bred steer. T. Russell's pair, one of which was second at Brantford in its class, came next, and F. W. Oke's pair third. A. Hales won first for pair of butchers' cattle with a nice pair of twins by a Polled Angus bull, out of a grade Shorthorn cow. Oke was second and third. Wm. Argo won the special for Herefords, given by the Stone Estate.

The sweepstakes for the best fat animal in the Show created a good deal of interest. Ranged up before the judges were three Shorthorns and Shorthorn grades, a Polled Angus, a Hereford, and a Devon. They included Wilson's steer, Campbell's steer, Leask's heifer, and Bowman's heifer. After carefully looking over the animals, the judges placed the ribbon on Wilson's steer, thus reversing the Brantford award. There was a second sweepstakes for the best animal of any age or breed, bred and fed by exhibitor. This prize, a valuable cup given by Mr. Holliday, went to Oke & Sons' roan steer Walter. John Campbell's Perfection made very strong running, and was a favorite with not a few. The cup has to be won two years in succession by a different animal before it becomes the property of the exhibitor. J. S. Pearce's special for fat calf went to Jas. Leask's handsome red, and that for yearling steer or heifer to T. Russell's dark roan.

A feature in the cattle department was the large number of white animals (ten in all) present. They were twice paraded together in the ring, and created great interest. A. Rawlings, Forest, and W. Crealock, Toronto, judged the cattle.

SHEEP.

There was a very good local entry of sheep, especially in the lamb sections. Leicesters, Cotswolds, and Lincolns had to show in one class. Orr & Lillico were to the front in pairs of wethers over and under the year. Whitelaw Bros. had the best pair of ewe lambs, with Orr & Lillico second. L. Parkinson and G. & R. Laird also won prizes. R. Gibson, T. C. Douglas, J. Campbell, Smith Evans, W. J. Rudd, W. Murphy, and R. Moody were all prizewinners in class 17, for any other pure breed besides those first mentioned. In grades, John Campbell, Jas. Armstrong, and L. Parkinson were strongest, being closely pressed, however, by Gibson, Orr & Lillico, and others. Jas. Hume had the heaviest sheep in the show, which scaled 302 pounds. T. C. Douglas won for yearling wether, and L. Parkinson for yearling ewe. Several of the exhibitors above mentioned also won in the local classes. John Kelly and Jas. Hales were the judges.

SWINE.

Yorkshires, Tamworths, and Berkshires, and their grades, were the only kind shown. Tamworth blood largely predominating. H. Dedels won several prizes with Yorkshires, T. A. Cox, D. Barbaree, and A. J. Watson with Berks, and Geo. North with Tamworths. R. Agnew had the heaviest sow or barrow, and also won the sweepstakes for barrows. Wm. Buck, Thos. Lush, and T. A. Cox were prizewinners in grades. G. B. Hood's Yorkshires captured the packers' prize for pair of singers between 160 and 200 pounds, with Oke's and Argo's Tamworth grades second and third. For four singers between 180 and 200 pounds, the order was G. Barber's Tamworths, Dedel's Yorkshires, and Oke's Tamworth grades.

POULTRY.

There was a fine display of live poultry. The exhibits numbered about 1,200, besides fifty exhibits of dressed birds.