

won by Elliott. Elliott won in dressed shearling wether and on dressed wether lamb, Evans being second. Mr. Jull won 3rd on three ewes under a year, 1st going to Finlayson and 2nd to Evans.

**Shropshires.**—There is always a keen battle in this breed at the Provincial Winter Fair, and first-rate sheep have to be left out of the winnings. Would it not be money well spent were the Shropshire Breeders' Association to make up some specials, increasing the number of prizes in the regular classes? The exhibitors of this breed were John Campbell, Woodville; Richard Gibson, Delaware; D. G. & J. G. Hanmer, Mt. Vernon; W. H. Beattie, Wilton Grove; T. Lloyd-Jones & Son, Burford; W. E. Wright, Glanworth, and Abram Rudell, Hespeler, Ont. The exhibits of Messrs. Campbell, Hanmer and Gibson had arrived from their successful campaign at the great international competition the previous week. Their trip abroad evidently did them no harm, as they walked out in the finest of form, sprightly and proud, seemingly conscious of their superiority. As on previous occasions, Campbell led in ewe lambs and Gibson in wethers of the same age, with Messrs. Hanmer and Wright following next in order. Campbell also won 1st and 2nd in shearling wethers, and made a worthy effort for the breed sweepstakes, but Mr. Gibson's lamb, King of the Show, was too much for him in a tussle of this sort, as he was not only a very choice lamb throughout, but was particularly well covered on the back and down his quarters. For 3 wethers under a year, Gibson was 1st and 2nd, and Wright 3rd. In the block test, T. Lloyd-Jones & Son's shearling wether, that was unplaced alive, defeated Campbell's 2nd prize sheep that won 3rd dressed, an entry of Messrs. Hanmer's coming between them. A number of specials were given by the Shropshire Breeders' Association for wethers, pure-bred; also wethers from grade ewes and registered sires, and for pen of three pure-bred ram lambs. In shearling and lamb wethers, the prizes went as in the open class. The ram lamb awards went 1st and 2nd to Campbell, and 3rd to Messrs. Hanmer. There were five trios in competition, and a choice lot they were. The specials for grade gets of Shropshire rams settled on sheep of choice mutton merit possessing much Shropshire breed type.

**Southdowns.**—The names of Jackson, Douglas

and Telfer have become intimately associated with this class of sheep. Others that showed here were the newcomers, Hon. Geo. A. Drummond, Beaconsfield, Que., and Robt. McEwen, Byron; besides W. E. Wright, W. H. Beattie, Wm. Martin, and Messrs. Orr & Lillico. There was a big entry, and the awards were well disseminated. Messrs. John Jackson & Son won the best awards in ewe lambs, followed by McEwen and Martin. In yearling wethers, W. E. Wright won on Perfection, the sweepstakes winner of the breed alive; Telfer Bros. winning 2nd, and Hon. G. A. Drummond 3rd; whereas in wether lambs the prizes went 1st to T. C. Douglas and 2nd and 3rd to Jackson & Sons. When the carcasses came to be judged, Wright's sweepstakes yearling wether was given 2nd place after Telfer's 2nd prize sheep shown alive, the 3rd going to W. H. Beattie in dressed lambs. The same inconsistency occurred in wether lambs, when a lamb unplaced alive won 1st here, and the 2nd prize lamb alive also won 2nd here, the 3rd going to Douglas' 1st-prize live winner.

**Dorsets.**—Mr. R. H. Harding, Thorndale, had it much his own way here, as his only competitor was W. E. Wright, with one shearling wether bred by Harding. This sheep won 1st, however, he evidently having been rushed a little harder in the fitting process. All the entries were in good killing form, however, quite thick enough for Christmas mutton.

**Hampshires and Suffolks** showed together and divided honors. John Kelly showed a Hampshire ewe lamb and won 1st prize, also a sweepstakes. There were four shearling Suffolk wethers shown, with divided honors, by Jas. Bowman, Guelph, and W. J. Rudd, Eden Mills. When dressed they presented choice, thick, well-marbled carcasses.

**Grades and Crosses.**—This class was the largest in the sheep show, and had a prize for nearly all the breeds and exhibitors. It was also famous for furnishing the sweepstakes carcass over all breeds, in John Campbell's yearling wether, that won 1st in his class alive, also 1st and sweepstakes in Chicago. When shown alive for sweepstakes in Guelph he was placed second to the sheep that stood below him in the regular class. The gets of Shropshire rams made a good showing here, inasmuch as the 1st prizes for shearling ewe, shearling wether, wether lamb, pen of three wether lambs, and year-

ling dressed carcass, as well as a number of 2nd awards, were won by Shropshire grades. R. H. Harding showed a grand lamb possessing Dorset blood, on which he won 1st in both alive and dressed sections. The best ewe or wether under two years was found in W. E. Wright's shearling wether, a sheep that handled and showed well, but carried a bit too much fat to suit the butchers. In the dressed competition he took 3rd money.

**Judges.**—Shropshires, Southdowns and Dorsets were judged by Jas. Tolton, Walkerton; the Oxford, Suffolks and Hampshires by Henry Arkell, Arkell; Cotswolds, Leicesters and Lincolns by Wm. McIntosh, Burgoyne; grades and crosses by Wm. Rae (Arkell), Wm. A. Arkell (Teeswater), James Tolton, and J. G. Hanmer (Burford). Dressed carcasses were pronounced upon by Jas. Tyson, Guelph, and H. A. Foulds, Brantford.

#### THE DAIRY TEST.

The two-days dairy test for the 1900 show promised to be of exceptional interest and value, since it had the double purpose of showing not only the productive capacity of cows in milk and in butter, but also the cost of that production in food consumed. Below we give a table showing the results of the test in milk and butter, also the amount and cost of food eaten by each cow to produce it. The foods were valued per ton as follows:

Ensilage	2 00
Bran	14 00
Ground oil cake	25 00
Corn meal	18 00
Pea meal	20 00
Hay, timothy	11 00
Hay, clover	11 00
Cotton-seed meal	28 00
Corn fodder, cut	6 00
Ground oats	18 00
Carrots	6 00
Roots (except carrots)	4 00
Shorts or middlings	16 00

It will be noticed that the cows were very unevenly fed. In one case, for instance, the Short-horn, Roan Blanche, was fed up to her limit, while several of the others were given a low, cheap diet, so as to show a low cost of production. The food test, therefore, cannot be taken as any guide as to the actual requirements of these cows to produce a continuous full flow of milk. The table follows:

NAME OF COW AND OWNER'S ADDRESS.	Total pounds of milk in 48 hours.	Fat.	Solids not fat.	No. of points for fat.	No. of points for solids not fat.	Points for days in milk.	Total points.	Cost of food for 48 hrs. Average of 7 1/2 days' feeding.	Cost of food for 100 points.	1st Test.			2nd Test.			3rd Test.			Lbs. of food consumed by each Cow for 7 1/2 days.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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(For report of addresses by experts at Fat Stock and Dairy Show, see page 10.)

#### The Smithfield Champions.

The championship for the best beast alive at the Smithfield this year went to Mr. John Wortley's two-year-old Hereford steer, Lord Roberts, and the reserve number was Mr. Learner's cross-bred heifer, Ladysmith. At the Birmingham Show Her Majesty the Queen's Shorthorn heifer, Cicely, won over Lord Roberts, and the Smithfield decision was a reversal of that judgment. Cicely was adjudged the best Shorthorn at the latter event, capturing the breed cup, and the reserve was Earl of Roseberry's two-year-old steer, Talisman. The champion Aberdeen-Angus was Mr. Geo. Bruce's yearling steer, Cock of the North, and the champion Galloway, Sir John Swinburne's Scotch Queen 3rd.

The champion plate for the best pen of three

long-wooled sheep or lambs went to Mr. John Pears' Lincoln yearling wethers, an extraordinary pen, whose weight averaged 377 lbs., and their daily gain was 9.12 ozs. The reserve number was Mr. Dudding's pen of lambs. The champion plate for the best three short-wooled sheep went to the Earl of Ellesmere's pen of yearling Suffolk wethers, and the same pen won the Prince of Wales' challenge cup for the best three sheep or lambs bred by the exhibitor, the reserve pen being Mr. Pears' yearling Lincolns.

The breed cups for the best pen of sheep of each breed were awarded as follows: Leicesters, E. F. Jordan; Border Leicesters, Earl of Roseberry; Cotswolds, F. Craddock; Lincolns, J. Pears; Southdowns, Duke of Richmond and Gordon; Hampshires, Thomas Powell Buxton; Suffolks, Earl of

Ellesmere; Shropshires, Philo L. Mills; Oxfords, H. W. Stilgoe; Dorsets, J. Toop.

The champion plate for best pen of two pigs went to R. Fowler's Berkshires. For the best single pig, to Earl of Roseberry's Large Whites (Yorkshire); reserve to N. Benjafield's Berkshires. The Duke of York's challenge cup for best two pigs bred by exhibitor, to R. Fowler's Berkshires, reserve to Earl of Roseberry's Yorkshires.

JOHN DICKIN, Milton, Ont.:—"I write to congratulate you upon the publication of your Christmas number. It amazes me to see you produce such a publication for the price we pay. The Christmas number, and the FARMER'S ADVOCATE throughout the year, is superior to any other publication I have ever met with."