

the way from 30 cents to \$2 per ton. I may give the following as an approximate estimate of the cost of growing and harvesting one acre, producing thirty tons, which is a very good yield, and a very good day's work to harvest it:

Plowing, seeding, cultivating	\$ 5.00
Said, twelve quarts, 60 cents per bushel	2.25
Harvesting, three laborers in the field	3.00
Three laborers at silo	3.00
One engineer, engine and fuel	3.00

At thirty tons per acre \$16.25

This makes a cost of 54 cents per ton, to which should be added, if you wish to get at the full cost:

Brought forward	\$16.25
Manure, estimated	3.00
Use of three teams, one cutting, two hauling, say	3.00
Use of grounds	3.00
Use of tools and silo	3.00

This brings the total cost at about \$1.20 per ton. The above does not signify very much either way. Some may find my figures too high and others too low. My ensilage has never cost me much over 50 cents per ton, as shown in first table.

The Western Fair. HORSES.

The horse exhibit this year completely filled the commodious barns and was of a higher average quality than for several years. Some of the classes, however, were light, as, for instance, the

THOROUGHBREDS.

had very few entries forward, and, with the exception of the two mature stallions, there were few good ones forward. Dr. Fitz Gerald's newcomer, Rappahannock, a strong, 16-hand, well-put up chestnut, was generally admired, and won 1st prize. He had for sire the wonderful race horse, Potomac, and his dam, Lavina Belle, by Longfellow, won \$31,000 in one racing career. The upstanding bay horse, Temple, by Tremont, and owned by Jos Mossip, Thorndale, was the other competitor. He won 3rd in Toronto in good company. He is handsome, strong and refined. Henry Zinn, Listowel, and H. Porter, London, showed good brood mares with foals. They won as named. Two very good 2-year-olds, by Thoroughbred sires and fit for saddle horses, competed. P. Farrell's black daughter of Wyndham and W. N. Tape's Toronto 1st-prize winner. The former had a bit more bone, but Mr. Tape's entry is possessed of exceptional quality. This class was judged by Mr. S. B. Fuller, Woodstock.

HACKNEYS.

The exhibit of this class is growing each year at the Western, and at the late exhibition the display was indeed a credit to the breed. The great sire and show horse, Jubilee Chief, owned by A. St. Clair, has been kept at the show business almost every year since his victory at the Columbian in Chicago in 1893, when in the hands of Robert Beith, Bowmanville, Ont. The stud services demanded of him during all these seasons have not been light, yet, until this last competition, he has never been defeated. On this occasion he met the good son of Courier, known as Bell Boy, owned by Dr. Watson, Howick, Quebec. This is his first season in Canada, which he may consider a success, as he stood 2nd at the Toronto Industrial the previous week. He also won sweepstakes at London, leaving in reserve the 3-year-old Lington's Dancergelt, by Lington Performer, and shown by Edward C. Attrill, Goderich. This is an upstanding, flash colt, of good type and action. Mr. Thos. Skinner, of Mitchell, showed a well-developed yearling son of Rousseau Performer. In females, Mr. Attrill had out a good specimen in the 2-year-old chestnut daughter of Burthorpe Performer, and Wm. Travers, Talbotville, presented a promising brood daughter of Jubilee Chief. There were no brood mares entered, but the 1st, 2nd, and 3rd prize foals were from roadster and carriage mares, and all sired by Jubilee Chief. This class was judged by Richard Gibson, as was the

HIGH STEPPERS.

There was a creditable display of this class. George Attrill's square going, good acting bay daughter of Royal Standard won over Dr. O'N's cobby daughter of Cocker's Nelson. The 2nd prize, a grey daughter of the old high acting roadster, was shown by Mr. A. St. Clair.

The appearance of light horse breeding section at Western was good. When the best stock from the West met at Toronto, they make a good display. They are not so good as those shown by W. R. L. at the Agricultural Show at London, but they are much superior to the average stock shown at the Toronto Industrial. The 1st prize, a 3-year-old, was shown by Mr. A. St. Clair, and was a very good specimen. The 2nd prize, a 2-year-old, was shown by Mr. A. St. Clair, and was a very good specimen. The 3rd prize, a 2-year-old, was shown by Mr. A. St. Clair, and was a very good specimen.

Kentucky-bred horse, that was used for some years in the stud of H. Cargill (M. P.) & Son, at Cargill, Ont. He is a rich chestnut, stands 15 hands 3 inches, very handsome in conformation, and his action is not only speedy, but high and graceful. After showing at Ottawa he will be shipped to Scotland, where he has been sold to perpetuate his kind. He won 1st in his class, sweepstakes for best stallion any age, and his 2-year-old son, Walter Swift, shown by Walter Ashton, Port Bruce, won 2nd ribbon in the sweepstakes contest, the 3rd going to Mr. Gates' roan 2-year-old son of Pastmaster. Others in the mature stallion section were Royal Morgan, Fraser, and Chester. Royal Morgan, by Royal Fearnought, is an upstanding chestnut of refined parts, and, as his name implies, is of Morgan descent. He won over Fraser, a nicely-topped, compact horse, with considerable speed and style. Chester was not in show condition, but his gets predominated to such an extent in the prize-winning young stock that he must be classed as a very successful sire. B. M. McCarty's Brown Stout, by Five Points, showed alone in 3-year-olds. He is a well-developed, promising colt. The gelding or filly sections were fine throughout. In 3-year-olds, Geo. Kennedy and John Cochran won 1st and 3rd on gets of Chester, Henry Zinn coming between with a Toronto winner by Oliver Wilkes. Mr. Zinn won 1st in a strong section of six 2-year-olds on a very handsome daughter of Oliver Wilkes that afterwards proved herself the best female shown in the class. There were seven yearlings of good type and breeding in competition. The get of Royal Rysdike won 1st for Geo. Kennedy; a daughter of Chester, 2nd for Harry Siddall; and Dr. Tennant, V. S., London, came 3rd on a very choice Standard-bred daughter of J. I. Case. A right good filly shown by W. N. Tape was left out in the cold. Three good brood mares competed. G. W. Kennedy won 1st on a bay Standard-bred of handsome road type and style. Her foal by J. I. Case also won 1st. The 3rd-prize foal, also by J. I. Case, was young to compete to advantage. It was shown by J. H. Tennant, V. S.; Hugh J. McEwen coming 2nd.



TYPICAL JERSEYS.

Sir Willford a Newcastle, second prize two year old bull, Toronto Exhibition. Bull calf, Eva Bob's White Buller, fourth prize, Toronto. Cow, Lady of Knowlton.

PROPERTY OF L. E. DAVIDSON, NEWCASTLE, ONT.

The harness sections were well filled. For instance, there were eleven in the single class over 15 hands, and a good lot they were. Dr. G. A. Routledge won 1st on a particularly beautiful mare with considerable speed capacity. Mr. P. Farrell, Woodstock, came 2nd on a fast and useful get of Wisdom; Hugh J. McEwen, Falkirk, coming into 3rd place on a wearing good one. The smaller section was about equally filled, and every entry was a good road horse, so that the winners were not only good, but good looking as well. William Collins won 1st, R. H. Siddall 2nd, and D. McMillan 3rd. There were just two pairs of big roadsters, but the section for those under 15 hands was better filled. In the latter contest a 3-year-old pair got by the Thoroughbred Temple won 1st money.

CARRIAGE HORSES.

There were few stallions shown in all ages, and throughout the entire class German Coach blood predominated. The 4-year-old Waverly, by Graf Bremer, owned by W. H. Guest, won over John McRobert's German Solomon. The former has been a winner from his infancy, and could withstand more opposition than he got. Solomon was not in show condition, but showed himself a good actor and a fast, easy runner. He won 1st prize. Amos Agar showed a good 3-year-old of mixed breeding. He is a very fine looking bay gelding, and his dam was by a fine lighted roan. There were three 2-year-olds and two 3-year-olds. The two 2-year-olds were shown by Mr. A. St. Clair, and the 3-year-olds by Mr. A. St. Clair. The 1st prize, a 3-year-old, was shown by Mr. A. St. Clair, and was a very good specimen. The 2nd prize, a 2-year-old, was shown by Mr. A. St. Clair, and was a very good specimen. The 3rd prize, a 2-year-old, was shown by Mr. A. St. Clair, and was a very good specimen.

the six 3-year-olds, a handsome get of Chester, owned by Henry Nicol, repeated his last year's performance by winning first award. A get of Graf Bremer stood in 2nd place. There were six 2-year-olds of good type. The winner was Henry Zinn's Standard-bred filly by Oliver Wilkes, and next her came a well-grown bay gelding by the Hackney Cocker's Nelson, the 3rd award going to a get of Chester. A half-dozen brood mares competed. T. Hardy Shore won 1st on a 3-year-old mare whose foal by Jubilee Chief won 3rd award. W. Travers' stoutly built, clean-lined daughter of Rooker won 2nd; her foal by Jubilee Chief was shown in the Hackney class. Although of mixed breeding, most of the prize-winning entries were well suited to their class. In the competition for best mare any age, nine entries competed, and most of them mature animals, that took the judge, Alex. Innis, considerable time to place. Winners in the harness sections came forward here, and it was from among these that the ribbons found their places, the 1st and 3rd going to an upstanding, well-mated pair shown by Mr. McCarty, Thamesford. The first was a get of the Thoroughbred Albert, and her mate was sired by Graf Bremer. The 2nd ribbon went to a hardy chestnut get of Chester, much after the Morgan type.

The harness sections showed great improvement over former years. The demand for good carriage stock of fine quality and possessing good action is being met in a small degree, at least, but not fast enough for the frequent inquiries made for them. In big carriage pairs, Mr. A. St. Clair won 1st on an upstanding, useful pair of uterine sisters, the 2nd falling to McCarty's pair that figured in the female sweepstakes contest. The smaller pairs and single horses were out in equally good force, and many high priced horses competed.

WORLD'S RECORD BEATEN.

Before leaving the lighter breeds it might be mentioned that probably the most sensational feature of the exhibition was what occurred on the race track on the two last days of the exhibition, when Dr. Routledge's Charley B. and Bobby Hall, pacing sons of Octoborn, lowered the world's team race mile record from 2.15 to 2.13. On Thursday they paced the first heat in 2.15, and the 2nd and 3rd in 2.18, and on Friday did the mile in two minutes and thirteen seconds, a wonderful feat on a half-mile track.

CLYDESDALES.

There was a very high class if not a numerous display of this breed. Some of the leading studs of Canada were strongly represented, and several Toronto winners were present. Two newcomers, recently from Scotland, entered the mature stallion field, one of which was the victor. We refer to Hogate & Son's 6-year-old Scottish Archer, by Sirdar and out of a Prince of Wales dam. "Scotland Yet" referred to him in his letter published in our Sept. 15th issue as being "big, well colored, and sound in feet and limbs." He won 1st at the Aberdeen Show as a 3-year-old. Messrs. Sorby's beautiful big-little horse, Lord Charming, stood in 2nd place, followed by Jas. Henderson's (Belton, Ont.) 15-year-old Gay Prince, a low-set, very thick, good wearing horse, with feet and legs to suit a Scotchman. The 3-year-olds included Sorby's Prince Delectable, by Codric; Dr. Fitz Gerald's Stylish Boy, by Enfield Codric; and Hogate's Roslin Again, by Roslin. They won as named. The 2-year-olds were an exceptionally good lot. Mr. Robt. Ness, Howick, Que., was forward here with two sons of the great sire, Baron's Pride, and a very good get of Sir Everard. The lot also included Amos Agar's West York Stamp, that won 2nd in Toronto in the Canadian-bred class, and J. Stewart's Lyon Stewart, that stood 3rd in the imported class at the Industrial. Mr. Alex. Innis made a very careful examination of the lot, and finally sent to the front Mr. Ness's black Zenith, by Baron's Pride, his half-brother, Copyright, coming 2nd, and Stewart's Lyon Stewart, 3rd, a change from the Toronto placing. These are all thick, well-developed, good-legged colts. Zenith has a particularly well-sprung rib, a nice carriage, and is full of quality. He finally won the male sweepstakes award, being followed by Sorby's Prince Delectable. Messrs. Sorby's Charming Lad and Lord Clarence Charming showed in yearlings and won as named, as they also did in Toronto in a strong field.

The mare and filly sections were light. Amos Agar won 1st on the 3-year-old Nancy of Nashville, by Castlemore Bob, that was thrown out in Toronto for being over age, she having been foaled in the fall of 1896. W. H. Clark, Mount Brydges, won 2nd on a good-legged, useful mare. Messrs. E. Pangborn of Guelph, showed drafty 2-year-olds and won as named, and Messrs. Sorby won all the yearlings taken in yearlings by Lord Charming, and Miss Stanley won 1st in brood mares, and 2nd on Hartland's Queen. Messrs. Sorby's 3-year-olds and Princess Alexandra, a yearling that