

No beam wheel was used, but in No. 4 a cutter was attached making the draft per sq. in. somewhat greater than in Nos. 2, 3, or 5. No. 4 with cutter and running $\frac{1}{2}$ in. shallower and $\frac{1}{2}$ in. narrower than No. 5 (without cutter), had a draft of nearly $\frac{1}{4}$ lb. per sq. in. more.

Nos. 2 and 5 have same draft, and nearly same draft per sq. in., although the small difference favors the shallow plowing. The plow used was a new $12\frac{1}{2}$ inch Oliver chilled waiking plow.—C. A. Miner.

New York Horse Show.

The fifteenth annual New York Horse Show, which took place during the week ending Nov. 18th, has proven a great success. There was an unprecedented crowd on the opening day, and all the classes were filled to overflowing with a fine quality of horse-flesh. There were 250 exhibitors and 1,200 exhibits. The quality of the horses was, on the whole, an improvement over last year. A large number of new animals were brought in by the novice classes. One of the successful exhibitors was Mr. Adam Beck, of London, Ont., whose chestnut mare, Westminster Belle, won first place in the heavy-weight qualified hunter's class.

Some Crop Yields.

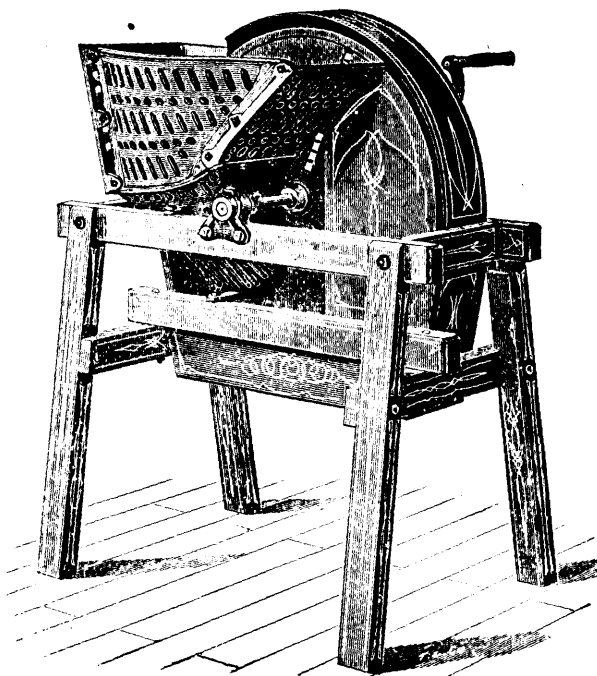
The crop circular for November, issued by the United States Department of Agriculture, gives the average yield of corn for 1899 as 25.2 bushels per acre as compared with 24.8 bushels in 1898; 23.7 bushels in 1897, and 24 bushels the mean of the preliminary estimates for the last ten years. Potatoes yielded 88.7 bushels per acre as against 75.2 bushels last year. Hay is given at 1.35 tons per acre as compared with 1.55 tons last year.

The World's Crop Yields.

Broomhall's Corn Trade News, of Liverpool, gives the world's crop of the leading cereals as follows:

	1899.		1898.
Wheat...	2,496,400,000 bushels.		2,886,144,000 bushels.
Rye...	1,366,400,000 "		1,287,800,000 "
Barley...	712,200,000 "		835,600,000 "
Oats...	2,710,000,000 "		2,576,000,000 "
Corn...	2,611,000,000 "		2,418,600,000 "

Don't over feed. Calves are very greedy at feeding time and there is often a great temptation to give more milk than the calf can properly handle, thus causing them to scour. Over-feeding is undoubtedly the main reason why so many farmers are unable to raise good thrifty calves on skim milk. At the college we find that calves from three to four months old will not stand more than eighteen to twenty pounds daily per head, from seven to eight weeks old, fourteen to sixteen pounds, and three to five weeks ten to twelve pounds. (One quart equals two pounds).



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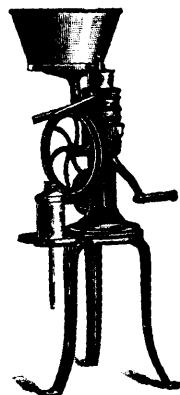
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