

QUESTIONS AND ANSWERS.

TO ESTIMATE THE QUANTITY OF ENSILAGE IN A ROUND SILO.

A subscriber asks for directions how to estimate the number of tons of ensilage in a round silo.

To estimate the quantity of ensilage in a silo it is necessary to know first how much is contained in a cubic foot of space. This amount will vary according to the depth of the ensilage in the silo, and also the quality of the ensilage. In a silo filled to the depth of 30 feet with well-matured corn the average amount of ensilage in a cubic foot will be from 40 to 43 lb., the amount varying from about 22 lb. per cubic foot at the top to about 55 lb. at the bottom. To find the quantity in a round silo find the diameter, which is one-third of the circumference. Square the diameter, that is to multiply the figures by themselves, take three-quarters of the product and multiply this by the height all in feet. This will give the number of cubic feet, which if multiplied by the number of pounds in a cubic foot will give a quantity from which the number of tons can easily be ascertained. This method will give a fair estimate of the quantity in any round silo. The following table shows the capacity in tons of round silos of various sizes:

Diameter of silo in feet.	Depth of silo.			
	20 feet.	22 feet.	25 feet.	30 feet.
10	31 tons	34 tons	40 tons	47 tons
12	45 "	49 "	58 "	65 "
14	63 "	69 "	77 "	90 "
16	80 "	90 "	105 "	130 "
18	100 "	110 "	125 "	150 "
20	125 "	135 "	155 "	185 "
22	145 "	160 "	180 "	215 "

WESTERN FAIR ASSOCIATION.

The annual meeting of this prosperous Exhibition was held at London on Feb. 15th. The yearly report showed the finances of the Association to be in a flourishing position, the total receipts for the year showing a balance over expenditure of \$8,496.99. It was also pointed out that the time had come when prizes on a more liberal scale might be offered in some classes, particularly in live stock departments. This will no doubt be received with favor by the breeders of the country.

CANADIAN FAIRS ASSOCIATION.

The annual meeting of this organization took place at Toronto on Feb. 15th. A number of topics were discussed bearing upon the management and operation of agricultural and local fairs. Mr. J. T. Murphy, Simcoe, Ont., in discussing the best way of managing an agricultural show, pointed out that among other things only expert judges should be appointed, a prize list complete in every detail up to present needs; no member of the board or superintendents of classes in any way to communicate with the judges unless applied to by the judges for information, no favorites but all treated alike and in accordance with the rules and regulations, and if

WHY IS IT?

The roads have been bad; the weather has been, oh! so cold. But, nevertheless, our cash sales so far this month averaged over \$30.00 a day ahead of same days last year.

The answer must be, We please our customers. Have you seen our Spring Circular and Seed List? If not, send for one.

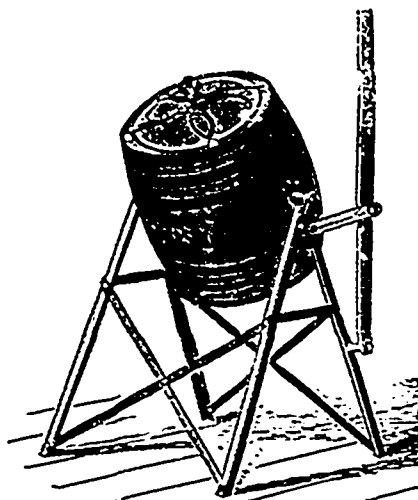
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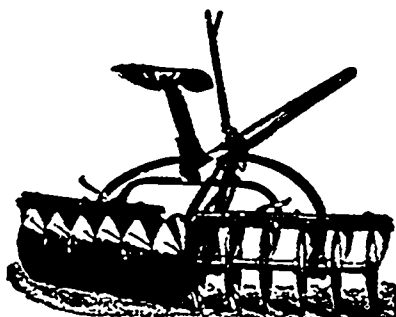
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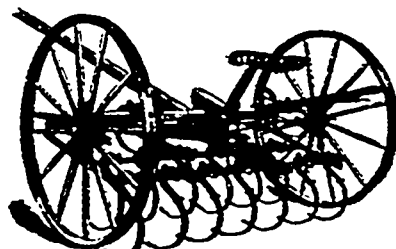
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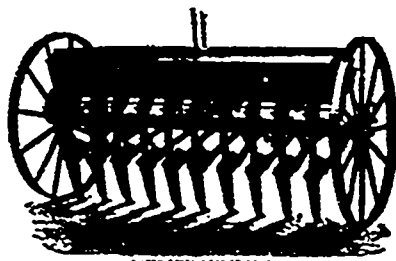
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This is the only Disc Harrow made or sold in Canada, having independent, adjustable spring pressure upon the inner ends of the gang disc, allowing any amount of pressure to be thrown upon the inner ends of the gangs, by the foot of the operator. By this means a perfectly flexible action is secured and the ground can be worked to a uniform depth. Examine this Machine carefully and compare with others.

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