

ners are fastened. Side posts are fixed to the runners, and these are connected by cross-bars which confine the hay. Long rake-teeth are inserted in the bed-piece, and these gather up the loose hay, which is piled up in the frame. When this is filled, it is drawn to the stack. It is readily seen that this contrivance may be made of varying capacity, either small enough for use in getting in hay on a small farm, or large enough to gather a ton at once if needed. *Am. Agriculturist*

A Hay Weighing Rack.

"L. A. W." gives us a description of a rack for weighing

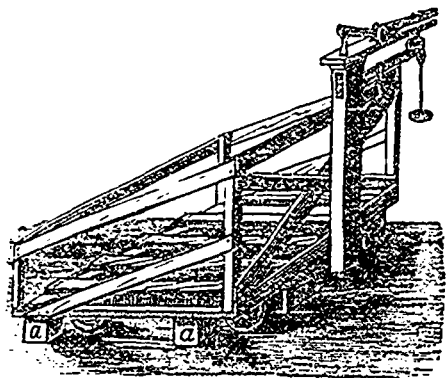


FIG. 2.—A Hay Weighing Rack

hay. It is made to rest upon a platform scale, and is five feet long, two and a half feet wide, and higher at the back than at the front, as shown in figure 2. It is made of light boards, and will hold 350 lbs. or more of hay, which may be weighed at one time. In using the rack, small blocks are put under the sides *a, a*, and when it is filled, these are knocked out so that the rack drops upon the platform of the scale. By attaching cords to the four corners of the rack, the hay may be weighed by means of a common steel-yard of a sufficient size for the purpose.

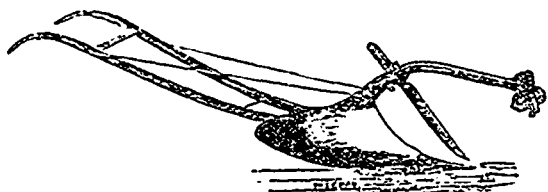
Champion Potatoes again.—Mr. J. J. Clark, of Hove, Brighton, England, states in letter to *The Times* his experience of the yield per acre of the three leading varieties of potatoes last season, 1879:

YIELD PER ACRE.

	Sound. ton.	Diseased. ton.	Total. ton.
Regent	$\frac{1}{2}$	4	$4\frac{1}{2}$
Victoria	1	$2\frac{1}{2}$	$3\frac{1}{2}$
Champion	$5\frac{1}{2}$		$5\frac{1}{2}$

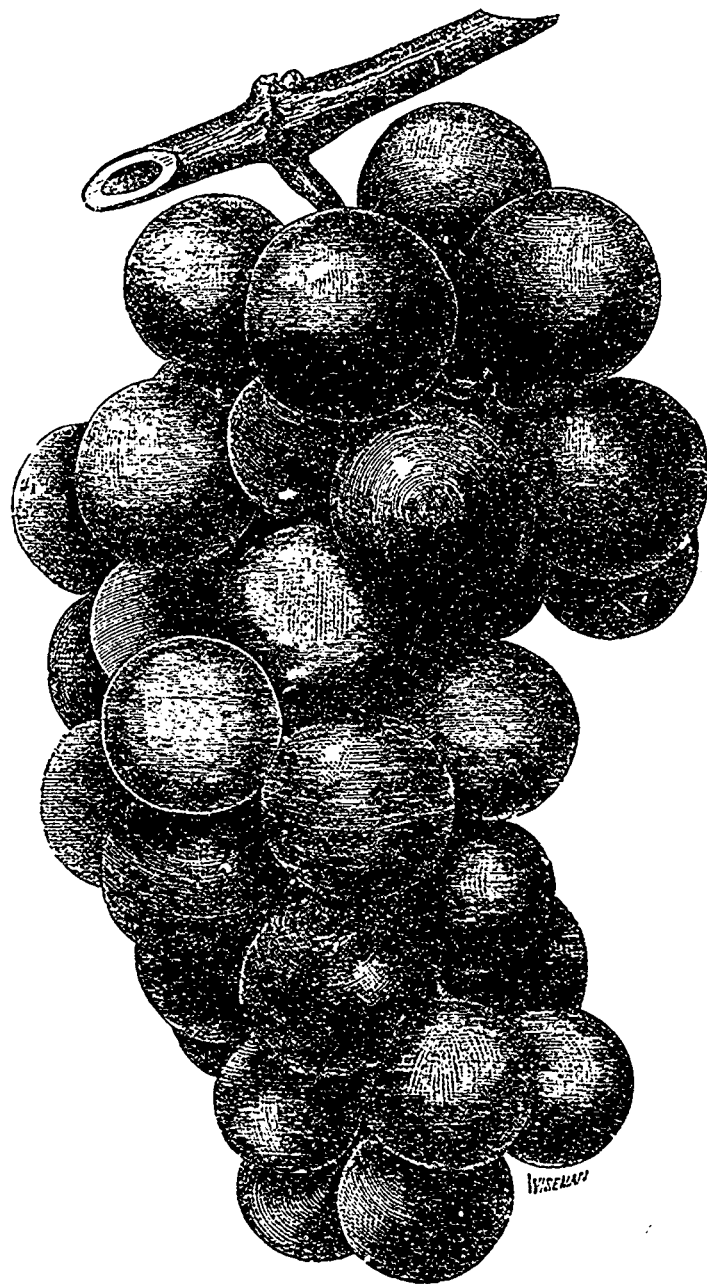
Out of 230 tons of Champions grown on 44 acres, he had not more than 7 cwt. of diseased tubers. In 1878 he grew 9 ton (360 bushels) to the acre, all sound. A. R. J. F.

Ayrshire breeders.—In the last number of the Journal, Dr. McEachran gave the names of several Ayrshire breeders of note. Amongst these that of John L. Gibb, of Compton should have been inserted. Mr. Gibb, has always obtained high honors whenever his stock was shown and he deserves every encouragement. See his advertisement elsewhere.



Messrs. Frost & Wood's Scotch Ploughs.—The above engraving represents fairly a beautiful plough, made of steel and of the best materials generally. This plough has taken high honors in various exhibitions. It has moreover the advantage of being offered at the moderate price of \$16 cash. Messrs. Larmouth & Sons, 33 College St. Montreal, are the sole agents.

Moore's Early Grape.—We find from our American exchanges that this grape has for several years back taken numerous 1st. prizes as the best and earliest maturing grape yet produced. It obtained two silver medals and no less than eight 1st. prizes last season 1879. From all we can see it should succeed very well in our Province and we should like to have it fully tried and reported upon. We shall plant several this spring and report progress for the benefit of our readers. The vines can be had from John B. Moore, Concord Mass. Price 90c. and upwards, according to age.



Moore's Early Grape (natural size.)

"The Sugar beet."—This is the title of a new quarterly journal, printed in the best manner and richly illustrated, which we have read with great interest. It is evidently written by men who are complete masters of the subject they write about. We call attention to the advertisement in other column, in which the objects of "The sugar beet" are fully given. We hope that it will meet with full encouragement.