December 14, 1910

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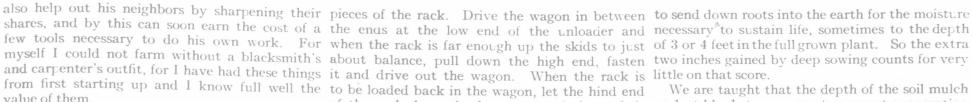
FARMER'S ADVOCATE AND HOME JOURNAL, WINNIPEG

value of them. Sask.

GEO. A. HARRIS.

Unloading Basket Racks

To unload a basket rack alone and load it up again when required is something of an undertaking. To call in the neighbors to help is not always convenient. Every farmer who uses this style of rack wants some easier way of loading and unloading it than the strong arm method generally employed. Some months ago a reader asked, through this paper for a home-made contrivance that would make it easier for basket racks to be handled. Sketches of two contrivances are published herewith, and if anyone is using a simpler or better plan than either of them EDITOR FARMER'S ADVOCATE: we would appreciate it, and our readers would rough drawing of what he is using.



of the rack down, back on out and the rack is or dust-blanket necessary to prevent evaporation loaded.

will exercise his judgment and skill in building necessary in Egypt, where, as Mr. La Marsh says,

First-Hand Facts on Depth to Put

In your issue of 16th you ask for an expression

this country has been grains.

merfallow and 2 to 3 Association of British and Irish Millers.

sowing in each case. and was later in ripening than if sown two inches and spring sowing. shallower, besides being more liable to be attacked by smut spores while coming to the surface.

In 1895 I sowed oats broadcast and plowed them in with a 14-inch walking plow. Some of them were covered nearly 5 inches. It was a dry spring with some good rains in June and July he oats were slow in coming "To use the contrivance run the wagon with stool to any extent, but grew a very tall, strong

varies according to the amount of rainfall and The posts should be set at least two feet in the prevalence of drying winds. For instance, the ground and well braced, for when the wind in the reasonably moist climate of Eastern Canblows there is quite a strain on them. The side ada one inch of soil mulch would be sufficient, rails or skids should be fastened at the middle while 2 to 3 inches (according to the season) with a strong bolt and mortised into the end would be required in Manitoba and eastern posts so that they will not get out of place. Saskatchewan, and even a greater depth further The tools needed are not many and the man who west. Therefore I can well understand why it is the contrivance will save himself a lot of useless there is no rain while the grain is growing, and work, besides having a place for his rack where blistering hot as well, to have a mulch of 5 inches over the seed.

CHRIS. STINSON.

1819

New Wheat in England

According to J. M. Mussen, trade commissioner written by Joshua La Marsh. Mr. La Marsh deals veloped that promises to displace varieties altogether with fall wheat, formerly grown. Writing to Trade and Comwhile my experience in merce Report for November 14, he says :

As a result of experiments which have been entirely with spring carried on during the past few years a new seed wheat is claimed to have been produced,

Our soil is a dark loam which will combine the well known milling blending into a whitish strength of Canadian "Fife" with the yielding clay subsoil. My exper- qualities of English wheat. These experiments ience is that it is a mis- were first referred to in a report originating take to sow spring wheat from this office, published in Weekly Report too deep. I would say No. 290. The success of the experiments under the best depth for Mani- review lies with Professor Biffen, of the departtoba and eastern Sas- ment of agriculture of the Cambridge University, katchewan would be from who has been working in conjunction with the $1\frac{1}{2}$ to $2\frac{1}{2}$ inches on sum- home-grown wheat committee of the National

inches on spring and fall The new seed wheat, which is a cross of "Fife" plowing, with a well and Essex rough chaff, will be known as Burprepared seedbed before goyne's Fife, and it has already been tested That lesson was learned on a large scale on various soils in different about six years ago, by accident. I put on patent parts of the country. After considering the reheels on my shoe drill. The spring was a dry one ports furnished by the growers and the milling in Fig. 1. He says: Cut four posts six inches in and I intended to put the seed down about 3 and baking interests, the committee have come diameter and ten feet long. Bore a row of three- inches and was guided by the appearance of the to the conclusion that Burgoyne's Fife is an quarter-inch holes in each post, each hole slanting shoes in the soil and failed to allow for the two improvement upon any known variety of Enginches extra heels, and sowed my wheat from lish wheat so far as quality is concerned, and is 4 to 5 inches deep. Result: the grain was longer a wheat which is likely to succeed as regards coming up and was a tall, thin, weakly plant, yield under many conditions, both for autumn

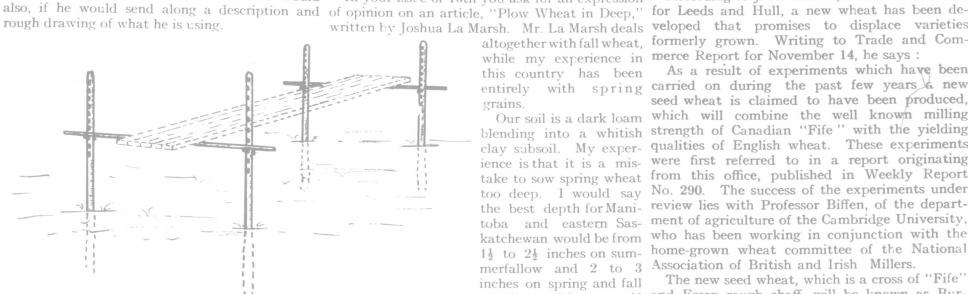
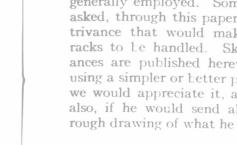
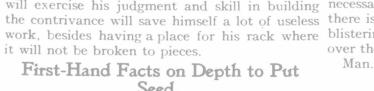


FIG. 1. - Contrivance for Loading and Unloading a Basket Rack by Lever and Pins

UNLOADING BY LEVER FIG 1.

H. J. O., Sask., describes the contrivance shown so that when a pin is inserted in it the pin will point slightly upward to prevent the cross bar from falling off. Then get two poles about four inches in diameter and fourteen feet long to use as cross bars. The post should be set three and a half feet in the ground. The distance between post for the rack should be about ten feet. The distance apart the other way will depend upon the length of the rack. About twelve feet will be the distance.





Seed.

the rack on between the posts. Run a cross bar straw, and yielded well, but I prefer to thoroughly from post to post at each end of the rack. Have prepare the seedbed, and drill the oats about ends of the cross bars rest on three-eighth inch 3 inches deep. bolts inserted in the slanting holes in the posts. The three essentials to perfect germination Lift one each end of the cross bar six or twelve are heat, air and moisture, and these conditions the past summer. The development is largely inches at a time, set the bolt, go to the other are more likely to obtain if the seed is sown 2 to due to the government's policy of centralizing end and do the same, and so on around, until the 3 inches than if sown at greater depth. Mr. the creamery work at the most promising points outfit can load or unload a rack with ease."

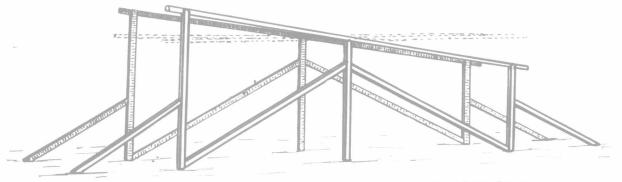


FIG 2. - Contrivance for Loading and Unloadng a Basket Rack by Horse Power

UNLOADING WITH HORSES FIG 2.

R. O. H., Sask., writes: Anyone with a little consideration in the matter in so far as its se- In 1910 there was one new creamery recomingenuity can build the contrivance shown. The curing moisture is concerned. I have before me mended by the dairy branch, and it was built by horses do most of the work and there are no pulleys or rores to get out of order. The posts pulleys or ropes to get out of order. The posts should be set far enough apart so that one may 1904, showing the root system of a wheat plant ing October 31st, the make of butter in those easily drive between them. The side rails or at six different stages of growth; and it is easy seven creameries was approximately 462,000 skids are at just the right height to catch the cross to see that about the first thing a plant does is pounds, representing an increase of 199,59

Dairying in Saskatchewan

Dairy

That the Saskatchewan farmers are giving considerable attention to mixed farming is evidenced by the business done in the dairy branch of the department of agriculture during rack is clear of the wagon. One man with this La Marsh fails to take into account the root and not encouraging creameries where success is system of the plant, which is the most important doubtful, thus permitting business being done on a paying basis where farmers receive a satisfactory price for their product and are thereby encouraged. The farmer who is not close to a creamery is provided for in having the express charges paid on his cream. He thus derives the full benefits accruing from the large output of butter at one point and has every advantage of a creamery at his nearest railway station.

> The northern portion of the province is destined to become a splendid mixed farming country. In 1909 there were six creameries under government supervision, and the make of butter was 342,404 pounds for the six summer months, or an average of 57,067 pounds for each creamery.