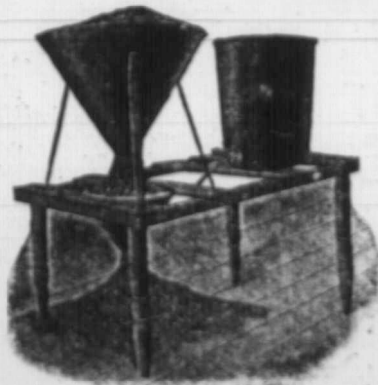


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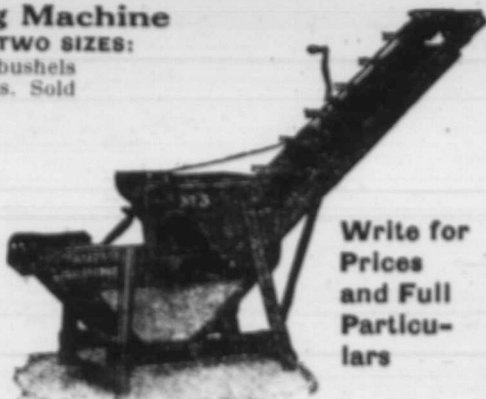
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- (7) The Beater on the axle makes all these features possible, and the John Deere is the only spreader so constructed.

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Durum Wheat

Continued from Page 9

becomes gradually less, tho it still out-yields the common wheats. The temperature and evaporation decrease to the north, which makes the conditions more favorable for the production of common wheats. In Canada, Fife and other common wheats are considered better than Durum wheat.

"In western North Dakota and South Dakota the results show a gain in yields for Durum wheat of about 15 per cent., as compared with spring common wheat. The tests in Montana, all of which are of short duration, show that Durum wheat outyields the standard varieties of Fife and Bluestem spring common wheats, but has been exceeded slightly by two new varieties, the Ghirka and the Galgalos. At the Amarillo station in the Texas Panhandle, the Galgalos has also outyielded Durum wheat.

"As previously stated, winter wheat is more profitable than Durum wheat wherever it can be successfully grown throughout the western part of the Great Plains area."

Champlin, speaking of the yield of this type of wheat in South Dakota, states: "As an average, the Durums (Kubanka) outyielded the Fife about five bushels per acre or about 40 per cent. in the central part of the state, and about three bushels per acre or about 25 per cent. in the eastern part of the state. During the past season (1916), when the rust practically destroyed the Bluestem and Fife wheats, the Durum yielded from 10 to 15 bushels per acre, while the Bluestem and Fife yielded from nothing up to 5 bushels. The Preston and Marquis ranked about half-way between the Fife and Durum in yield, the Marquis being the best of the common wheats grown in this state."

Market Value of Durum

No figures are available concerning the prices paid for this wheat in Western Canada. The relative price of this and similar grades of common hard spring wheat over a period of years in the United States is perhaps our best index of their possible relative value here.

Salmon and Clark, who have just been quoted, have this to say regarding the relative prices in the United States:

"In the United States until very recently Durum wheat has sold for less than have equal grades of common wheat. When introduced it was thought the principal demand would come from American and foreign mills engaged in the manufacture of macaroni, and little or no attention was given the possibility of utilizing the flour for bread making. Soon after its introduction attention was called to the suitability of Durum flour for this purpose and its use was strongly encouraged. The development of a market has been slow, due mainly to the opposition on the part of the millers. However, the use of Durum flour has constantly increased, especially for blending with flour from softer wheats. American-grown Durum wheat is now being utilized to a large extent for this purpose, both in this country and in Europe. The present demand is due mainly to this fuller appreciation of the value of Durum wheat.

Price Trend Higher

"The first quotations for Durum wheat on the Duluth market were in 1902, the price for the crop of that year ranging about 5 to 10 cents below equal grades of common spring wheat. The difference in price has usually been greater than that amount. Beginning with 1908, there has been a steady increase in value as compared with common wheat. The change was small in 1909 and 1910, but beginning with January, 1911, the rise has been rapid, with few downward fluctuations reaching the highest point in 1912 with a premium over the best grades of hard common wheats. This seems to indicate a more permanent change in price levels than would be the case if the rises alternated with frequent and sudden drops.

"The trend of prices in this country lends special interest to the subject at this time. It has been shown, for ex-

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