A PORTABLE SOYBEAN NURSERY THRESHER AND ITS OPERATION

INTEREST in the improvement of the soybean has given rise to a marked increase in the testing of introductions, selections, and varieties at numerous localities in the major producing areas. Threshing at outlying nurseries is a major problem since soybean plants are bulky and consequently costly to transport. Also, when handled excessively, the plants shatter badly, resulting in loss of considerable seed.

In order to overcome some of the inconveniences of this threshing problem, a portable nursery thresher was constructed at Lafayette, Ind., in 1938 and has been used very successfully through three seasons. This machine was designed after a thresher originally built by the junior author. Some of the features of the threshing and cleaning equipment of the nursery thresher used at the Indiana Agricultural Experiment Station and previously described by Cutler are incorporated.

DESCRIPTION

Two views of the thresher, giving general details of construction and operation, are shown in Figs. 1 and 2. The frame is of wood, 6 feet long, 38 inches wide, and 42 inches high. The feed table is collapsible for ease in transporting and storing.

Fig. 1.—Portable nursery thresher viewed from motor side.
