

Making a Drill and Harrow Combine

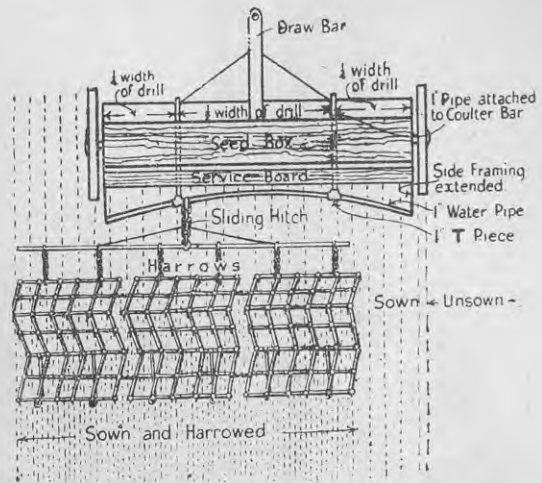
DETAILS of how to make a drill and harrow combine are given by a correspondent in the "Farmer and Stock-breeder," England.

Corn drilling being now in full swing, it may be of interest to suggest a way of harrowing behind the tractor drill in one operation which may interest your readers, he writes.

A pair of harrows hitched centrally to the back of drill either obliterates the wheel track or fails to cover the coulters tracks. A method I have used successfully for several seasons is to extend the main frame from each wheel axle in a backward and downward direction by providing a suitable angle iron.

Its position provides rests for a 9 in. wide service board right across the drill. To the end of these rests, which should extend about 6 in. behind the wheels, secure with $\frac{1}{2}$ in. bolts a 1 in. water pipe provided with T pieces and bent, as the accompanying sketch shows, with T pieces in position. Screw into the T's two more lengths flattened one end each. Then bolt to flat ends the front coulters bar.

In operation, the harrows hitch works in the space between the T's. When going through the field with the sown portion to the left side, the harrows will be covering the corn and wheel track to the left of drill. When turning



to the right on the headland for the return journey, the harrow hitch slides over to the right. It then covers the corn and wheel track on the right, as the sown part of the field is now on the right. When the job is finished all wheel tracks and coulters marks are obliterated.

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