A SINGLE-DISC SCARIFIER FOR SMALL LOTS OF SEED

The single disc scarifier shown in Fig. 1 was constructed at the Soil Conservation Service Nursery, Rock Hill, S. C., for test scarifications of kudzu seed in the spring of 1942. It has been used since for scarifying small lots of other kinds of seed.

It consists of a commercial mandrel and locally constructed plywood disc and hood. The disc is 12 inches in diameter, and has fine-grain emery paper glued on both sides. The hood has an inside diameter of 12\(\frac{3}{4}\) inches. It has an intake funnel above and a discharge funnel below, both provided with sliding metal gates flush with the hood surface to confine seed during scarification. The hood is held in place by metal straps firmly attached to a work bench or table.