A SUCCESSFUL tractor-drawn V-belt planter has been designed, built, and used at the New Jersey Experiment Station. The machine was built primarily for drill planting of sweet corn breeding plots; however, it seems adaptable to similar plantings of any crop. The present machine was designed and made from a 2-row corn planter by the junior author, and the total cost of planter and parts was very small.

In the planter described, (see figure 1) the V-belt is driven directly from the drive shaft of the planter. Cone pulleys allow for plots from less than 7 to 25 feet in length. All the advantages of machine planting over hand planting are present: uniformity of depth, suitable compaction, and fertilizer application with the seed.

1 Paper of the Journal Series, New Jersey Agr. Exp. Sta., Rutgers, University, the State University of New Jersey, Department of Farm Crops, New Brunswick, N. J.