THE SCUFFLE HOE—A VALUABLE TOOL
FOR SMALL PLOT WORK ON
NON-ROCKY SOILS

AT THE Everglades Experiment Station the scuffle hoe has proved to be a very valuable tool in the maintenance of the grass garden and in other areas where clean, smooth alleys are desirable. Its outstanding advantage is the rapidity and ease with which a person can clean an area of its vegetation while leaving a smooth surface that is easily raked. The implement, through minor shifting of the handle may be used as (1) a deep or shallow suction drag hoe, (2) a deep or shallow suction spear point push hoe ideal for cutting and shaping large turf sections, and (3) a vertical edge. hoe in either push or pull actions.

The cutting plate is an $8\frac{1}{4} \times 8\frac{1}{4} \times 1$ inch isosceles triangle with the two forward cutting edges at 45\(^\circ\) to the trailing edge. This design permits two-way cutting without lifting the instrument from the soil surface.

Most weeds and grasses have a given elevation in relation to the soil surface in which their resistances to shear are higher. The cutting plate is an $8\frac{1}{4} \times 8\frac{1}{4} \times 1$ inch isosceles triangle with the two forward cutting edges at 45\(^\circ\) to the trailing edge. This design permits two-way cutting without lifting the instrument from the soil surface.

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