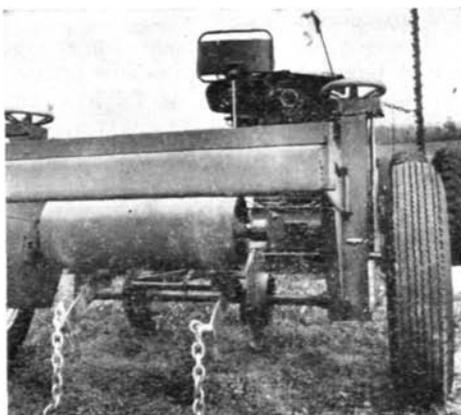


Planting U-3 Bermudagrass into Established Turf



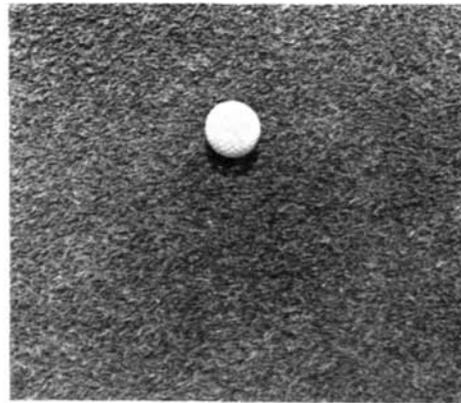
Mowing U-3 Bermudagrass hay for vegetative planting. The fresh hay is good planting material, although the rhizomes and crowns are better. These photos by Bureau of Plant Industry simply show one way to plant U-3 Bermudagrass into established turf without interfering with the use of the area.



Mole-drain makes narrow cuts in turf, 18 inches apart and any desired depth to 10 inches. Chains are attached to the bullets which leave continuous drainage channel below surface. Bullets are part of cutting blades which open furrow. Rolling coulters slice turf first to avoid undue tearing.



Fresh-cut Bermuda hay is dropped along furrow and pushed down until three-fourths or more of the material is buried. An edging tool could be used to force cut grass into furrows. Operation is completed by rolling furrows with wheels of tractor, followed by watering to insure catch.



Turf grown from U-3 Bermudagrass at Beltsville, Md., for two years without supplemental irrigation. It is mowed regularly at one-quarter inch, rates fair to good as a putting surface and is green from April to November. Rating would be higher with more topdressing, brushing and daily mowing.

to permit the establishment of many trial gardens on golf courses.

Too many clubs make the serious error of laying off their best help early in the fall, just at the time when the turf on the courses should be prepared for the

season ahead. Every effort should be made to retain a full force until all preparations for winter have been completed. Key men, experienced men, should be given *year-round* employment. Nothing is so discouraging nor so costly