

### **Duich Ball Mark Plugger**



The new Duich Ball Mark Plugger is specially designed for daily removal of ball marks completely out of a golf green and eliminating golfer complaints. The hardened cutter blade removes turf plugs 1-1/2 inches in diameter by 2 1/2 inches deep. The hollow handle fills up with 12 plugs, and the plugs are simply ejected out the top by turning unit upside down.

The Duich Ball Mark Plugger also comes with three 1/8" rubber washers that fit over cutter blade allowing shallower plugs to be extracted at the Golf Green and deeper plugs at the turf nursery to insure an exact fit.

Excellent for repairing ball marks on the new ultra dwarf grasses. The plugger is also useful in removing Poa Annua and Goose Grass on greens.

#### BMP1-M Duich Ball Mark Plugger\*

\*Special pricing available for 5 or more units.



## Duich Ball Mark Plugger Instructions

The new Duich Ball Mark Plugger is specially designed for daily removal of ball marks completely out of a golf green and eliminating golfer complaints.

# Caution cutter blade is extremely sharp!! Do not push plug out of cutter blade with your fingers or severe injury may result.

#### Removal of grass plugs from nursery.

- 1. Harvest the healthy grass plugs from the turf nursery or other are like edge of the golf green. Be sure cutting height of plug material is the same as area to be replaced into to avoid mower scalping of new plugs.
- 2. Do not use rubber shims (See rubber washer shim section below) because nursery plugs should be deeper than golf green plugs.
- 3. Raise the Duich Ball Mark Plugger over the turf area to be plugged and push unit firmly downward until depth ring touches turf.
- 4. Turn the handle 1/4 turn to the left and 1/4 turn to the right to shear roots off.
- 5. Lift Plugger straight out of hole and repeat process until handle fills up with up to 12 plugs.
- 6. Gently turn unit upside down to allow plugs to slide out the handle. Be careful not to allow plugs to break apart.
- 7. The dowel provided will allow the last plug to be removed from unit when finished. Do not use fingers.
- 8. Be sure not to allow plugs to dry out before re-planting.
- 9. Empty holes from nursery can be filled with the same type material as the surrounding soil along with some fertilizer to encourage re-growth of grass.

#### Removal of ball marks or weeds from green.

- 1. Add rubber shims to bottom of plugger blade before this process. (See rubber washer shim section below).
- 2. Position Duich Ball Mark Plugger over damaged area on green and push unit firmly downward until depth ring touches turf.
- 3. Turn the handle 1/4 turn to the left and 1/4 turn to the right to shear roots off.
- 4. Lift Plugger straight out of hole and repeat process until handle fills up with up to 12 plugs
- 5. Gently turn unit upside down to allow plugs to slide out the handle.

- 6. Discard bad grass plugs.
- 7. The dowell provided can allow the last plug to be removed from unit when finished.
- 8. Replace plugs with plugs previously taken from turf nursery.
- 9. Be sure top of plug is flat with surface of putting green to prevent scalping.
- 10. Replacement plugs should be wet and then gently stepped on to insure tight fit and avoid drying out and settling.

#### **Rubber Washer Shims.**

The Duich Ball Mark Plugger also comes with three 1/8" rubber washers that fit over the bottom of the cutter blade allowing shallower plugs to be extracted at the golf green and deeper plugs at the turf nursery to insure an exact fit.

When plugs are removed from the turfgrass nursery, some soil may drop off the bottom of the plugs causing them to become shallow. You can rectify this problem by taking shallower plugs from the golf green and deeper plugs from the turfgrass nursery. You can test different depths by inserting one, two or three washers to plugger blade for a total of 3/8 inch depth difference. Additional washers can be purchased from Turf-Tec International if needed.

The main objective is to have a smooth putting surface when the plugging is completed. If the replaced plugs are too high, mower scalping can also occur, if they are too low, depressions will be evident.

#### **Plugger Cutter Blades**

The hardened cutter blade removes turf plugs 1-1/2 inches in diameter by 2 1/2 inches deep. **Cutter blades are very sharp!! Handle with care.** 

Cutter blade should be washed off and be lightly oiled before storing unit to prevent rust.

#### **Wooden Dowel**

There is a wooden dowel provided with the Duich Turf Plugger to allow you to push the last plug out of the cutter blade when finished taking plugs. DO NOT USE YOUR FINGERS AS INJURY MAY RESULT.

#### **Other Uses**

The Duich Ball Mark Plugger can also be used for removing weeds like Poa Annua and Goose Grass from golf greens. It is important to remove the plant entirely to prevent re-growth. Turf-Tec also offers a larger plugger called the Tubular Turf Plugger that removes 2 1/2" diameter plugs for those larger weeds.

<sup>\*\* &</sup>quot;Duich" is being used with permission from the originator of the idea of a Ball Mark Plugger, and long time friend,
Dr. Joseph Duich. \*\*