

## Water-Powered Weeder

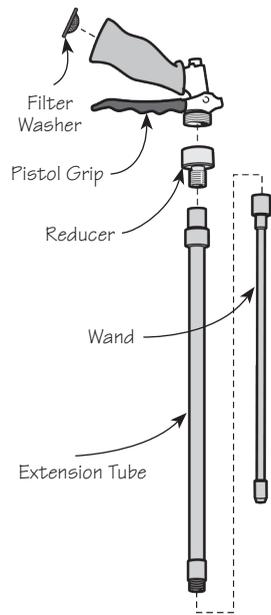
AL829

This water-powered weeder is effective for eliminating taproot weeds from your lawn and garden. It works by wetting and loosening the soil around the root, allowing the weed and its entire root to be easily pulled out.

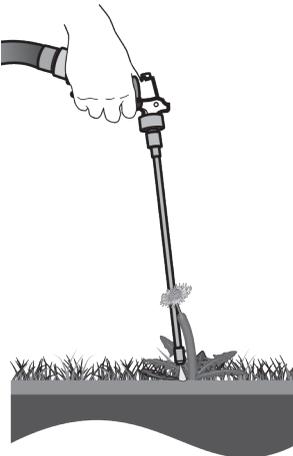
### Assembly

- Thread the reducer onto the front end of the pistol grip; tighten firmly by hand.
- Replace any filter washer in your pistol grip with the enclosed fine-mesh filter washer. Place this fine-mesh washer into the back end of the pistol grip, screen side facing in. Attach this end to your garden hose.

We suggest that you first try the weeder in the short configuration (without the extension tube). This will allow you to perfect the technique involved in loosening a root and get a feel for when a root has been sufficiently loosened so that it can be withdrawn without breaking.



**Figure 1: Water weeder components.**

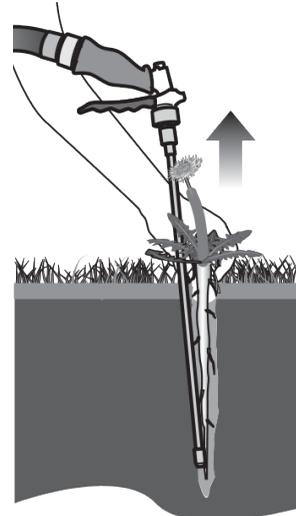


**Figure 2: Positioning the water weeder.**

### Short Configuration

- Thread the wand onto the reducer and hand tighten until just firm. If you overtighten this connection, the hole in the rubber washer may be reduced, lowering the flow and power of the water jet.
- Position the tip of the weeder about  $\frac{3}{8}$ " (1 cm) from the weed's crown.
- With the water source turned on, squeeze the trigger, pushing the wand straight down into the ground alongside the root no faster than the water jet is able to blast into the earth. Maneuver the wand so that the water is directed around the root. With your free hand, grasp the weed just below the crown and try to pull it out. If the weed won't yield to a gentle pull, continue to apply the water jet. You may find it helpful to reposition the wand on the opposite side of the root and blast a second hole. After doing a few weeds, you will develop a feel for how much water is necessary and how hard you can pull on the weed without breaking the root.

To avoid clogging the tip, squeeze the trigger whenever the wand is being **pushed** into the ground. Squeezing the trigger only while pushing will also reduce the mud created. Once the weed is removed, you can smooth over the hole with your foot. The wet earth will help the surrounding grass to grow and fill in the space left by the weed.



**Figure 3: Freeing the weed.**



**Figure 4: Filling the hole.**

### Extended Configuration

- Thread the extension tube onto the reducer and, again, hand tighten until just firm.
- Thread the wand onto the extension tube.
- Use the water weeder from an upright position. Make sure that you drive the weeder in deep enough to fully loosen the root.
- Bend over to pull out the loosened weed.

To avoid having to bend over repeatedly, loosen all the weeds in one area. This way, all the weeds can be picked up at the same time.

*Note: Because of its high-powered water jet, the water weeder can also be used for rinsing windows or walls and for reaching into narrow spaces. However, please remember that the jet is powerful and should **never** be aimed at anyone.*