

CONGRATULATIONS! on your purchase of the new and improved EZ-CLONE Plant Cloning System!

## ASSEMBLY (SEE ATTACHED DRAWING FOR PARTS LOCATION)

- 1) It is recommended to take precautionary measures and rinse down lid and reservoir prior to use.
- 2) Securely install misters into top of manifold while being careful not to over tighten as this may cause threads to strip.
- 3) Attach manifold to water pump using the provided adaptor. Be careful to not over tighten this as well.
- 4) Place water pump with manifold attached in center of reservoir.
- 5) Insert water pump cord through molded outlet on side of the reservoir.  
**Note:** Use caution when using electricity and water!
- 6) Fill reservoir until water level is 2 to 3 inches above the water pump.  
**Note:** Pump should be completely submerged at all times!
- 7) For optimal results, adjust pH level to 6.0. A safe range for the pH level is between 5.8 and 6.5.
- 8) For optimal results, the temperature of the water should remain between 70 and 85 degrees with the addition of EZ-CLONE® **Clear Rez™** as a preventative measure. Apply **Clear Rez** weekly at 1oz per five gallons. Using the system without **Clear Rez** is not recommended.

### Clear Rez™ Dosage

16 unit - 3/4oz per week  
32 unit - 1oz per week  
64 unit - 2oz per week  
128 unit - 4oz per week

- 9) Dip cutting in a rooting compound. EZ-CLONE **Rooting Compound™** is what we recommend. It should be applied directly to the cutting's stem prior to placing the cutting in the system.
- 10) Place cutting in the center of the circular cloning collar, making sure that at least 1 ½ to 2 inches of the cutting is suspended beneath the lid. All leaves should remain on the top of the lid.
- 11) Insert the cloning collars, each filled with a cutting, into the lid. Make sure they are fitted securely to prevent leakage.
- 12) Set the lid onto the reservoir making sure that the lid is securely seated to prevent leakage.
- 13) EZ-CLONE® systems work best with a florescent light. We recommend a dual T12 florescent light with 40watt bulbs placed 12 to 18 inches above the cuttings.
- 14) Plug in light and water pump.
- 15) Finally, sit back and let the system make this your easiest cloning experience ever.

## CLEANING

IT IS VITAL THAT THE SYSTEM IS CLEANED REGULARLY AFTER EACH CLONING CYCLE. WE RECOMMEND RUNNING ONE TO FOUR CUPS OF BLEACH WATER THROUGH THE ENTIRE SYSTEM TO STERILIZE.

### Bleach Dosage

16 unit - 3/4 cup of bleach  
32 unit - 1 cups of bleach  
64 unit - 2 cups of bleach  
128 unit - 4 cups of bleach

- 1) Once cycle is complete remove all cuttings, pump/manifold assembly and cloning collars. Empty reservoir.
- 2) Fill reservoir to the top with fresh water. Add bleach to the specified ratio.
- 3) Remove red misters from manifold. Individually inspect the red misters and remove any debris that may be clogging them. Compressed air or a paper clip work well for this. Add misters to a cup of bleach water solution taken from your reservoir and allow to soak for 20 minutes.
- 4) Place cloning collars in a five gallon bucket filled with fresh water and add one cup of bleach. Use another five gallon bucket with holes drilled in the bottom to help submerge the collars by placing it inside the filled bucket.
- 5) Place pump/manifold assembly without misters back into the center of the reservoir.
- 6) Cycle pump and manifold completely submerged in bleach water solution for at least 20 minutes.
- 7) While system is cycling the bleach water solution, flip the lid upside down and place in the reservoir so that it can soak in the bleach water solution.
- 8) After cycling the bleach water solution for at least 20 minutes, empty the reservoir and do a quick wipe down with a scotch pad to ensure no build up is left. Remove drain plug assembly and wipe down with scotch pad.
- 9) Re-install drain plug assembly and refill system with fresh water and cycle for 20 minutes to ensure no bleach is remaining in the system.
- 10) Empty reservoir and hand rinse the system.
- 11) Rinse red misters thoroughly with fresh water and re-install into manifold.
- 12) Rinse and inspect each cloning collar thoroughly to ensure no bleach or plant matter remains.
- 13) Once everything is clean and sterilized, re-assemble the system and begin your next cycle.

### HELPFUL TIPS

- Cleanliness is imperative. We strongly recommend using Clear Rez.
- EZ-CLONE is designed specifically for the cloning process. It is not recommended for the adult stages of growth.
- Do not use distilled water in the EZ-CLONE. It may delay or prohibit root development.
- Room or water temperature must be controlled. We recommend maintaining a water temperature between 70 and 85 degrees.

