

# Cannabis Program



## Propagation – Cloning

- ▼ Take cuttings – cloning stage is typically 5–10 days before pot up, depends on root growth
- ▼ Disinfect cuttings with **ZeroTol 2.0** at 1:250. Immerse cuttings for 45 seconds. Remove from solution. No rinse. 1:250 = 15 mL **ZeroTol 2.0**/gallon
- ▼ Drench Rockwool with **TerraGrow** solution. 3 oz. **TerraGrow**/10 gallons of water
- ▼ Dip cuttings into root hormone then stick into rockwool
- ▼ Foliar mist spray **ZeroTol 2.0** at 1:250 to reduce foliar diseases and algae every 3 days. 1:250 = 15 mL **ZeroTol 2.0**/gallon

## Vegetative Crop Protection Schedule

Days	Crop Protection – Prevention
15, 45	Soil Drench: Mix <b>TerraGrow</b> in stock tank at 5 oz. to 1 gallon water. Direct inject with <b>Dosatron D14M22</b> set to 1:100. Drench to saturation avoiding runoff or drip.
18, 33, 48	Foliar Spench: 15 mL <b>ZeroTol 2.0</b> + 4 mL <b>AzaGuard</b> + 13 mL <b>OxiPhos</b> + 3,753 mL water = 1 gallon solution
23, 28, 38, 43	Foliar Spench: 37 mL <b>ZeroTol 2.0</b> + 4 mL <b>AzaGuard</b> + 3,744 mL water = 1 gallon solution



Based upon 15 week (105 days) growing schedule. 7 weeks vegetative. 8 weeks flowering.  
*\*The scheduling can vary with different strains or growing methods.  
Use program as baseline for optimal plant health.*



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PROGRAM: Cup Winning Crop Protection

15 WEEK SCHEDULE

# Flowering Crop Protection Schedule



Days	Crop Protection – Prevention
60, 90	Soil Drench: Mix <b>TerraGrow</b> in stock tank at 5 oz. to 1 gallon water. Direct inject with <b>Dosatron D14M22</b> set to 1:100. Drench to saturation avoiding runoff or drip.
53, 58, 63, 68, 73, 78, 83, 88, 93, 98	Foliar Sprench: 37 mL <b>ZeroTol 2.0</b> + 4 mL <b>AzaGuard</b> + 3,744 mL water = 1 gallon solution
101, 105	Foliar Sprench: 37 mL <b>ZeroTol 2.0</b> + 3,748 mL water = 1 gallon solution. See crop protection notes for spray volume.

## Crop Protection Notes

- ▼ 1 gallon solution will treat 400 sq. ft. Once canopy is enlarged (day 43) use 2 gallon solution per 400 sq. ft. This will ensure complete coverage/contact with insects/pathogens. For example, Powdery Mildew spores will thrive inside canopy. Spray for contact.
- ▼ Days 101 and 105 **ZeroTol 2.0** sprays are to be applied singularly. Apply 3–4 gallon solution per 400 sq. ft. This spray is intended to reduce bacteria and fungal contaminants prior to harvest and 3rd party audit.
- ▼ When treating Root Aphids an **AzaGuard** drench is required: 11.5 mL **AzaGuard** + 3,774 mL water = 1 gallon solution. Drench 1 pint of finished solution for every 1 gallon of soil in the point. Thoroughly wet soil with solution but limit runoff or drip
- ▼ Heavy mite pressure may require tank mixing **AzaGuard** with pyrethrin based chemistry for adult and juvenile knockdown. Once control is achieved return to preventive spray program
- ▼ If possible spray crop protection products when lights are off
- ▼ Always follow your state regulations for approved pesticide applications on cannabis

## Clean Chemistry. Clean Crops.

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