



**PESTS OUR SOIL DRENCH  
REPELS & KILLS**





**KILLS PESTS AND ATTACKS FUNGUS  
& ALGAE WITHIN THE ROOT ZONE!**



# IPM Root Drench

FORMULA 1 ROOT DRENCH is made up of essential oils, botanical extracts, beneficial acids and vitamins. This product is highly water soluble and mixes in conjunction with your typical fertilizer formula and tanks. We process raw certified botanicals and herbs in our laboratory. This ensures that all essential oils, plant extracts, and terpenes have a consistent potency across all production batches. FORMULA 1 ROOT DRENCH has minimal impact on a substrate's beneficial microbiology.

## Key Benefits

-  Kills pests and attacks fungus & algae within the root zone
-  Safe to use up to the day of harvest when applied as directed on the label
-  Safe around children & pets when used as directed
-  Use as a root pesticide and as part of a successful IPM program

## Mixing Compatibility

FORMULA 1 ROOT DRENCH can be mixed along with your typical nutrient feeding program with no adjustment to EC. This product can be applied intermittently or with each watering.

### Recommended application rate

 **6-10ml/gal**

General application rate between 6-10ml/gal is recommended.



First test in a small area at the recommended application rate of 6-10ml/gal. For thrips or major infestations, higher application rates may be necessary.



- 6-10 ml** — Root drench
- 6 ml daily** — Preventative daily
- 10 ml daily** — Infestation daily
- 15 ml daily** — Heavy Infestation



## Different Applications

-  Indoor Cultivations
-  Greenhouse
-  Outdoor Cultivations
-  Nurseries

## Composition (%w/w)

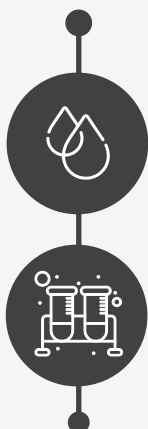
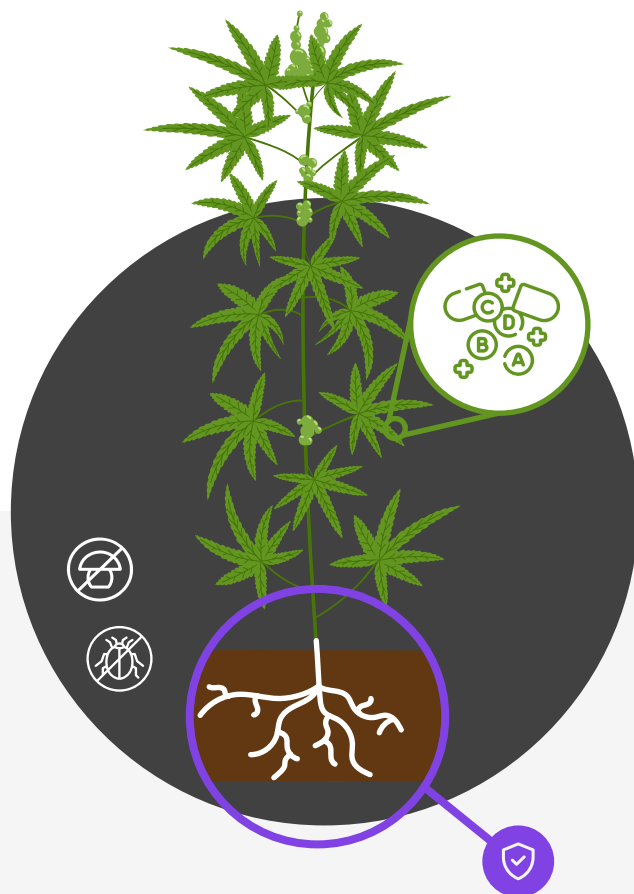
<b>Active Ingredients</b> .....	<b>12.5 %</b>
Rosemary Oil.....	8.0 %
Corn Oil.....	2.0 %
Citric Acid.....	1.0 %
Thyme Oil.....	0.5 %
Clove Oil.....	0.5 %
Cinnamon oil.....	0.5 %
<b>Inert Ingredients.....</b>	<b>87.5 %</b>
H2O.....	78.5 %
Glycerin.....	4.0 %
Sorbitol.....	2.0 %
Polyglycerol Oleate.....	2.0 %
Ascorbic Acid.....	1.0 %

## Packaging

-  **5L**
-  **10L**
-  **20L**
-  **280L**

## How to soil drench for insect mitigation?

Moisture inside soil and substrates promote an ideal habitat for pests. Cultivating fast growing plants in greenhouses and indoors creates an environment ideal for pest proliferation. Mitigating fungus gnats, root aphids, shore flies and other root born pests becomes a necessity for all cultivators. Untreated pest pressures will stunt growth, extract vital energy from the roots, and encourage premature leaf drop. **FORMULA 1 ROOT DRENCH** has active ingredients that cause pests to dehydrate and die while also attacking fungus and algae, reducing the food source for pests. **FORMULA 1** also contains plant beneficial vitamins and acids that diminish pests ability to reproduce and feed.



**FORMULA 1 ROOT DRENCH** has minimal impact on a substrate's beneficial microbiology. The botanical extracts and essential oils are all food grade GRAS materials (generally recognized as safe by the FDA when used as listed on the label).

## ECO FRIENDLY PRODUCT

The botanical extracts and essential oils are all food grade GRAS materials (generally recognized as safe by the FDA when used as listed on the label).

**FORMULA 1 ROOT DRENCH** is fully biodegradable, and non-toxic to animals. THIS PRODUCT IS EXEMPT FROM EPA REGISTRATION UNDER FIFRA 25(b). THIS PRODUCT IS A MINIMUM RISK PESTICIDE creating the least impact on the environment. FORMULA 1 ROOT DRENCH can be used on a wide variety of plants, fruits, and vegetables.





## Safety Data Sheet

Discover crucial information about the safety of our products! We are pleased to invite you to download our comprehensive Safety Data Sheet (SDS) in PDF format.

Sheet



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