

# DESECT™

DIATOMACEOUS EARTH INSECTICIDE

## Eco-friendly, Organic, Effective Diatomaceous Earth Insecticide for Commercial Farming

**Ep** Naturals™

The Diatomaceous Earth Experts

EP Naturals, a division of EP Minerals, LLC

### Organic DE for effective insect control.

DEsect™ is composed of a special food grade diatomaceous earth that contains no chemical additives. It is a biogenic mineral that is mined from special deposits in the earth, then dried, classified and packaged for use as an effective natural eco-friendly insecticide. DEsect physically abrades & absorbs the exterior protective waxy cuticle layer of the insect, resulting in rapid death by dehydration. Insects cannot become immune to its action.



Independent lab tests show DEsect has higher efficacy vs. other diatomaceous earth insecticide brands.

### For use on:

- Row Crops
- Fruit Trees
- Orchards
- Vineyards
- Gardens
- Berries

### Unique EPA certification for use in commercial agriculture.

Most diatomaceous earth insecticide suppliers do not have EPA approval for commercial farming use.

### Effective against more insects.

DEsect kills Roaches, Slugs, Ants, Earwigs, Grasshoppers, Crickets, Silverfish, Millipedes, Centipedes, Sow bugs, Pill Bugs, Lice, Mites, Box Elder Bugs and Carpet Beetles. DEsect is effective against Fleas, Ticks, Aphids, Snails, and Japanese Beetles, and is an effective insecticide for killing stored grain insects such as Rice Weevils, Granary Weevils, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Red Flour Beetles and Tribolium.

**Commercial Crop Use:** Apply with manual or powered dry dusting applicators or solution application through industrial spray equipment. Starting point for spray solution is approximately 1 lb/gallon of water (can be varied depending on equipment application rate capability). Minimum application rate is 1 lb/1000 ft<sup>2</sup> (or approximately 50 lbs/acre). Higher concentrations may be necessary to ensure necessary coverage. Application should result in a thin layer of DEsect covering plants. DEsect adheres well to plant surfaces, however, repeat applications may be necessary following extreme wind and /or rain events.

**Fruit Trees:** Apply dust or solution to leaves and put a perimeter of dust around the trees.

**Commercial Blueberry Farm Trial:** In recent field test, DEsect was applied by industrial aqueous solution spray on a test plot of a major commercial blueberry farm. With one application, DEsect produced a >95% kill rate and has become the insecticide of choice for this blueberry farm.

### From the DE experts.

EP Minerals has agricultural field experts that can help you with field trials and cost effective application solutions that ensure you meet your crop ROI targets, while also capturing the benefits of an eco-friendly and organic insecticide.

Available in 50 lb bags and bulk packaging.

Contact your sales representative today at (800) 366-7607 or visit [www.epminerals.com](http://www.epminerals.com).



**Ep** Minerals®