



Overview

Entrust[®] SC Naturalyte[®] insect control uses an innovative molecule, Spinosad, to control a variety of difficult pests in organic vegetables, fruits, tree nuts, cotton, sweet corn and many other crops. This product carries OMRI (Organic Materials Review Institute) certification and is a spray option to maintain organic certification in organic cropping systems, while controlling tough pests. Entrust SC is relied upon growers for a successful IPM program to control tough pests in high value crops.

The active ingredient, Spinosad, is derived from the fermentation of *Saccharopolyspora spinosa*, a naturally occurring soil organism. This product provides extremely fast knockdown and good residual control. The formulation for Entrust is an SC and mixes easily into suspension when agitated and mixed correctly into a spray tank. This product comes in one pack size which is a quart.

Features and benefits

- Fast and effective control of lepidopteran, thrips and some dipteran and coleopteran pests
- Unique mode of action - IRAC Group 5 active ingredient
- Excellent IPM tool when used correctly
- Maintains beneficial insect populations and will not flare aphids or mites
- Easy to use SC formulation
- Presidential Green Chemistry Award Winner
- Compatible with most commonly used insecticides, fungicides and foliar fertilizers

Registered by the United States EPA for use on:

- Cole crops
- Corn
- Cotton
- Cereal grains
- Fruiting vegetables
- Legume vegetables
- Peanuts
- Pineapple
- Root and tuber vegetables
- Soybean
- Strawberry

Pre-harvest interval:

- Sweet corn, popcorn and seed corn
- Do not apply within 28 days of fodder harvest, 1 day of grain harvest or 7 days of forage harvest
- Do not apply more than a total of 29 fl oz of Entrust (0.45 lb a.i. spinosad) per acre per year

Pre-harvest interval:

- Field corn and teosinte
- Do not apply within 28 days of grain or fodder harvest or 7 days of forage harvest
- Do not apply more than a total of 12 fl oz of Entrust (0.45 lb a.i. spinosad) per acre per year

Application rates (per acre)

In corn (field, sweet, popcorn) and Teosinte

Armyworm (including fall armyworm)	1.50 – 6 fl oz
European corn borer	
Beet armyworm	3 – 6 fl oz
Corn earworm	
Southwestern corn borer	
Western bean cutworm	

Application timing:

- Scout for **European corn borer** and **armyworms** with enough regularity to monitor egg laying and egg hatch.
- Time applications of Entrust SC to coincide with peak egg hatch of each generation. Frequent treatments may be necessary when the crop is growing rapidly, during silking or under heavy pest pressure
- **For corn earworm control:** a 1-to-2-day re-treatment schedule may be necessary at silking
- **For All Other Pests:** a 5-to-7-day re-treatment schedule may be necessary if the crop is growing rapidly or if there is heavy pest pressure

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