



CROP PROTECTION SPRAY GUIDE

Organic garden management focuses on the overall health of the garden. Begin by making sure you have **good healthy soil**, the right amount of **sunlight** and **water**, and you'll start your garden on a road to success. Practice scouting for pests by looking under leaves and investigating damage. The best organic pest management practice is to **remove the pests and their eggs by hand**. Be sure to sanitize tools to reduce disease spread. Using sprays to help reduce pest and disease pressure is the **last resort** for organic crop protection. Below are some of the sprays that we recommend using for your garden.

PRODUCT NAME	32 oz SPRAY BOTTLE	TARGET PESTS & DISEASES	NOTES
Baking Soda Solution	2 tsp baking soda, ¼ tsp oil, ¼ tsp unscented soap	Fungal diseases	Mist leaves 2-3 times per week as needed. Avoid spraying during the hottest part of the day or when sunlight it direct.
Alcohol & Soap	¼ Cup rubbing alcohol, ½ tsp unscented soap	Soft-bodied insects (aphids, spider mites, etc)	Mist underside of leaves 2-3 times per week as needed. Avoid spraying during the hottest part of the day or when sunlight it direct.

Be sure to read the safety labels on all products and wear appropriate PPE (Personal Protective Equipment, e.g. gloves) if the label suggests. These products are all rated organic by OMRI (Organic Materials Review Institute) and anyone using these products should become familiar with the best practices, benefits, and risks of using these products.

PRODUCT NAME	32 oz SPRAY BOTTLE	TARGET PESTS & DISEASES
Neem Oil	Follow instructions on package	More than 60 insect pests may be affected by azadirachtin including aphids, beetles, caterpillars, lacebugs, leafhoppers, leafminers, mealybugs, psyllids, thrips and whiteflies.
Kaolin Clay (Surround WP)	Follow instructions on package	Protects fruit from yield robbing sunburn damage. Lowers canopy temperatures increasing photosynthesis when temperatures are high. A labeled insecticide in certain countries, SURROUND suppresses insects.
Eco-1 (Arborjet)	Follow instructions on package	Organic insect, mite and disease control, derived from plant oils
Rot Stop	Follow instructions on package	Corrects calcium deficiency. Controls blossom end rot on tomatoes and other vegetables.