

# Carbon Defense®

PREVENTATIVE FUNGICIDE - POTASSIUM SILICATE 11.14%



Carbon Defense® is an EPA registered, Class M fungicide that provides excellent control and early prevention of fungal diseases such as Powdery Mildew, Downy Mildew, Botrytis, and Fusarium. Carbon Defense is an excellent resistance management tool with no pathogen resistance, can be rotated with other fungicides and has multiple modes of action. Also provides suppression of mites, aphids, whiteflies, and other insects.

## Excellent Fungicidal Activity Resistance Management Tool

- **No Pathogen Resistance**
- **Multiple Modes of Action**
- **Rotate with Other Fungicides**

Increases Crop Yield and Quality  
All Season Use

## Safe for All Crops

- **Natural Product**
- **Safe Chemistry**
- **No Phytotoxicity**
- **Zero Day PHI**

Worker Safety - REI of 4 Hours  
Compatible with Other Pesticides

## Preventative Fungicide

- Carbon Defense moves Silicon into the epidermal cell layer acting as a physical barrier against attacks of fungus and other pathogens.

## Rotational Fungicide

- Best utilized as part of a integrated pest management strategy which includes other contact and systematic fungicides with different modes of action.

## Benefits of Potassium Silicate

- Silicon based materials have been used for many years for the natural control of fungal plant pathogens, insects and spider mites.
- Silicon strengthens the epidermal cell walls in the plant promoting a rapid and extensive activation of host defense responses to the pathogen.
- Silicon is a key nutrient that is necessary for building and supporting cell structures within plant tissue.