

Peracetic Acid Products

for Agricultural and Horticultural Uses

- TREATMENT OF AGRICULTURAL AND IRRIGATION WATER SYSTEMS
- DRIP IRRIGATION SYSTEMS
- GREENHOUSES
- FOLIAR & SOIL APPLICATIONS

Pre-plant dip and seed treatment to control damping-off, root disease and stem rot disease that has been caused by the following:

PYTHIUM

(root rot)

PHYTOPHTHORA

(blights, rots)

RHIZOCTONIA

(blight, stem rot)

FUSARIUM

(root-rot, leaf spot,
Pink Snow Mold)

THIELAVIOPSIS

(black root rot), on seeds,
seedlings, bulbs, or cuttings.

*Seed Treatment
Foliar Applications
And More!*

USE INSTRUCTIONS

TREATMENT OF AGRICULTURAL AND IRRIGATION WATER SYSTEMS

15 to 70 fluid ounces per 10,000 gallons of water. This provides 2 ppm to 9 ppm peroxyacetic acid and 13 ppm hydrogen peroxide.

DRIP IRRIGATION SYSTEMS

7.5 to 14 fluid ounces per 1000 gallons. This provides 11 ppm to 17 ppm peracetic acid and 26 ppm hydrogen peroxide

GREENHOUSES

This product can be used to suppress/control algae and slime formations in and around greenhouses. For normal use in various process, irrigation or sprinkler water systems, this product may be used at 1: 40,000 to 1:5000 dilutions (4-31 ppm as peroxyacetic acid). Heavily fouled systems, such as evaporative coolers or irrigation/drip lines may need shock doses of up to 100 ppm as peroxyacetic acid (1: 1,600 dilution).

PRE-PLANT DIP TREATMENT

Prior to dipping, remove dead or dying foliage. Use 7.4 fl. oz. per 50 gallons of water. Immerse plants or cuttings; remove and allow to drain. Do not rinse. If excessive foaming or bubbling occurs during the dipping process, it is an indication of high levels of disease contamination.

SEED TREATMENT

Use 6.5 fl. oz. per 50 gallons of water. This provides 162ppm peracetic acid and 237ppm hydrogen peroxide. Soak for two minutes; remove and allow to drain. Do not rinse. Plant seeds according to seed package directions.

SOIL APPLICATIONS

To control soil-borne diseases such as Fusarium, Phytophthora, Pythium, Verticillium, Thielaviopsis, and Rhizoctonia, add this product at 15.1-30.1 fl. oz. per 100 gal of water (220-439 ppm active peroxyacetic acid). Apply this product by drenching, flooding, or by drip or sprinkler irrigation systems. For best results apply prior to and during seeding or transplant operations. Wait one day before inoculating the soil with beneficial microbes.

FOLIAR APPLICATIONS

Applied at 30-100 gal of mixed solution per acre of foliage at use rates of 5.3-45.5 fl. oz. per 100 gal of water (77-567ppm active peroxyacetic acid and 830 ppm hydrogen peroxide). For preventative treatments, use the higher dilution rates whereas curative (or rescue) treatment requires the lower dilution rates. Good coverage and wetting of the foliage are required. Apply curative treatments for 2-3 days and then resume preventative treatments every week.