



Pome Fruit

Fire Blight Suppression

Systemic Fire Blight Protection

Trusted for many years to boost vegetable plants' and fruit crops natural defense mechanisms against bacteria, viruses, fungi, and nematodes. Employ has been demonstrated as an effective and proven fire blight management tool in many university trials over the past 15 years.

By activating three distinct plant defenses in the plant, Employ helps the plant protect itself from infection. Like plant resistance, Employ triggers the natural defense system of the plant. Because Employ has no direct effect on the pathogen itself, it is not a stand-alone product; however, research shows proven benefits to using Employ in a program with traditional antibiotics to reduce both blossom blight and shoot blight.

Overview: The harpin protein active ingredient in Employ activates plants systemic defense mechanisms which has shown to suppress fire blight, reduce systemic spread and reduce bacterial count with in infected trees.

Plant Defense Activation: During cooler early season application timings, it can take up to 6 days for full plant defense activation. Treatments for prevention must be applied 5-7 days before an infection period

Treatment Interval: Employ has the unique benefit of providing **14 days of plant defense protection**, towards fire blight.

RECOMMENDATION FOR USE ON POME FRUIT

Rate: 2 ounce per acre

Early Season Fire Blight Protection

- Make initial treatment
 - Apples Early Pink / Pink (up to 6 days before bloom)
 - Pear Early White / White
- Sequential Treatments
 - 14 days interval after 1st Treatment

In Season Fire Blight Suppression and Shoot Blight Reduction

- 14-day interval during periods of infection

Technical features

- Unique mode of action with no known cross-resistance to other products
- Effective at very low use rate of 2 oz/A
- Highly systemic response; offers protection throughout the tree
- Rain Fast with 30 minutes
- Added benefit of fruit sizing, quality and plant health

Mode of Action: Biochemical activates plant defenses – **SAR** Systemic Acquired Resistance

Surfactant Use: The addition NIS

Tank Mixing: Employ can safely mix with most pesticides – avoid oxidizer or phosphoric acid buffers

Regulatory: 0 day PHI, 4 hour REI, Exempt from food tolerance, Zero Residue product



For more information contact Sym-Agro, Inc.
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