DISEASE CONTROL

PHOSPHO-jet

PHOSPHO-jet may be used to treat the following diseases:

Sudden Oak Death

Anthracnose

Phytophthora

Black Spot

Scab

Fire Blight in Apple

Root Rot in Avocado and Citrus

Cankers

and many others...

"Of all the Arborjet products, we use PHOSPHO-jet the most. PHOSPHO-jet has become the best product to use as a systemic fungicide."

~ Seth MacDonald, E.Tree I.V., Inc.
Plantation, Florida

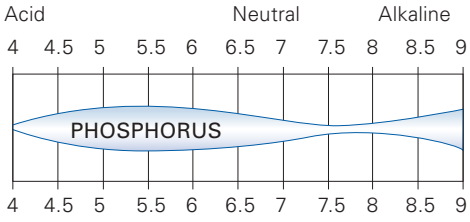
PHOSPHO-jet SYSTEMIC FUNGICIDE

Systemic fungicide and plant resistance activator for the suppression of various plant diseases including black spot, cankers, scab, fire blight, root rot, bud rot, downy mildew, anthracnose, *Phytophthora* in ornamentals, including oak, and *Phytophthora* in conifers.

GUARANTEED ANALYSIS:

Mono-and di-potassium salts of Phosphorous Acid	45.8%
Other Ingredients.	54.2%
Total	100.00%

EPA Reg No. 74578-3 • EPA Est. No. 74578-MA-001



- THE EFFECT OF SOIL PH ON PHOSPHORUS AVAILABILITY IN PLANTS.
*The thinner the bar, the less Phosphorus is available to the plant.**

**Arborjet recommends immediately addressing nutrient deficiencies, and then developing the long-term soil health plan.*

ARBORjet
Revolutionary Plant Health Solutions

PHOSPHO-jet is effective for: Sudden Oak Death, Anthracnose, *Phytophthora,* Black Spot, Scab, Fire Blight, Root Rot in Avocado and Citrus, Cankers and various other plant diseases.

PHOSPHO-jet

USE: PHOSPHO-jet is a tree injectable systemic fungicide for the suppression of various diseases in trees. It is specially formulated for efficient tree uptake and translocation within the tree. This product is also a plant resistance activator that induces broad spectrum defense responses in the plant against plant pathogens. Diluted with water before injection, PHOSPHO-jet can be applied through Arborjet's equipment using Arborplug technology. PHOSPHO-jet works well as a fungicide, elicitor, and as a nutrition.

RECOMMENDED FOR: Sudden Oak Death, Anthracnose, *Phytophthora*, Black Spot, Scab, Fire Blight, Root Rot in Avocado and Citrus, Cankers and various other plant diseases.

ACTIVE INGREDIENT: The active ingredient is mono- and di-potassium salts of Phosphorous Acid. Phosphorous is well documented as a fungicide, against *Phytophothora* (root rot) and sudden oak death (S.O.D.). Phosphorous will elicit a physical, chemical, and biological response that will trigger the trees own natural defense. Phosphorous as a nutrition will build strong cell walls, improving root, stem, and leaf growth.

RESEARCH AND DATA: PHOSPHO-jet has shown efficacy in suppressing *Phytophthora*, black spot, scab, fire blight, anthracnose and more. It's recommended to be pro-active and treat with PHOSPHO-jet treatments early in the year, or late in the fall. Research at Michigan State University shows that PHOSPHO-jet suppresses fire blight of apple by activating production of defensive proteins against plant pathogenic bacteria.

RESEARCH PAPERS: "*Control of fire blight (Erwinia amylovora) on apple trees with trunk-injected plant resistance inducers and antibiotics and assessment of induction of pathogenesis-related protein genes"* - Aćimović et al. (2015) http://journal.frontiersin.org/article/10.3389/fpls.2015.00016/abstract

"*Efficacy of Phosphite-Based Fungicides for Controlling Pink Rot and Late Blight"* - Shane Clayson, Jeff Miller, Lyndon Porter, and Nora Olsen -http://www.cals.uidaho.edu/potatoes/Research&Extension/Topic/Diseases/EfficacyOfPhosphiteBasedFungicidesForControllingPinkRot&LateBlight-05.pdf

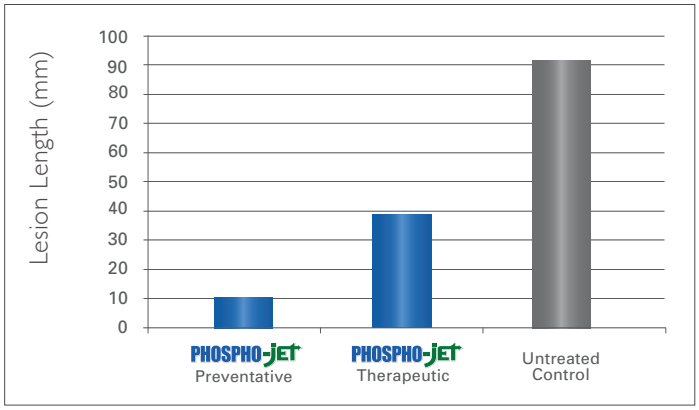
"Management of Phytophthora Ramorum (Sudden Oak Death) In Tanoak And Oak Stands" - Ted Swiecki and Matteo Garbelotto, Yana Valachovic, and Elizabeth Bernhardt
www.nature.berkeley.edu/garbelotto/english/treatment.php

"Phosphite induces morphological and molecular changes in Phytophthora species"
- Mee Hua Wong University of Adelaide

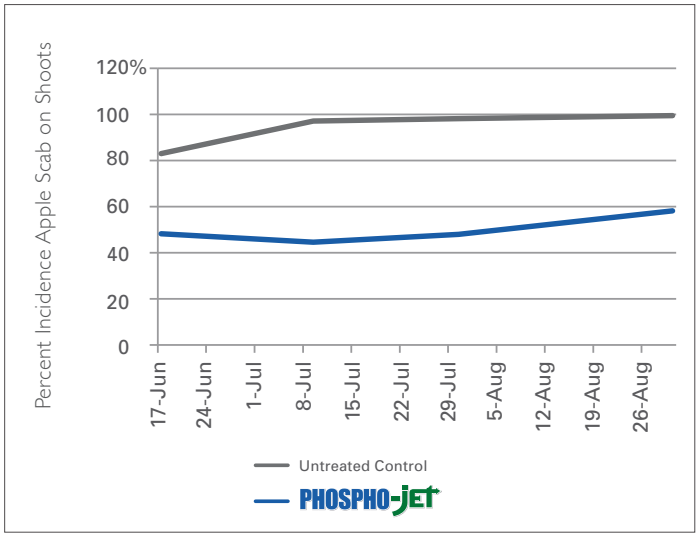
SYCAMORE WITH ANTHRACNOSE

SYCAMORE TREATED WITH PHOSPHO-jet

SUPPRESSION OF SUDDEN OAK DEATH LESIONS



INCIDENCE OF APPLE SCAB ON SHOOTS OF MCINTOSH



(781)-935-9070 • Visit us on the web today at **www.arborjet.com**
99 Blueberry Hill Road, Woburn, MA 01801 Arborjet, Inc.

ARBORjet® Revolutionary Plant Health Solutions