

DISTRIBUTED BY:

DISEASE RESISTANCE MANAGEMENT

AGRI-FOS® has not developed documented disease resistance at high rates with repeated use. **AGRI-FOS®** does not cause biodiversity shift in soil fauna - flora as do conventional fungicides when used repeatedly resulting in resistant bio-types



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AGRI-FOS® Systemic Fungicide:

Technology developed in Australia for the control of *Phytophthora* spp, *Pythium* spp, Downy Mildew, *Venturia inaequalis* (black spot or scab), *Erwinia amylovora* Fire Blight), Anthracnose and *Xanthomonas* Bacterial blight on 84 different agricultural crops.

AGRI-FOS® is classified by the U.S. EPA as a "Reduced Risk" pesticide and has only a 4-Hour Re-Entry Interval restriction and a 0 Harvest restriction.

AGRI-FOS® is currently registered in 49 states and the State of California.

AGRI-FOS® can be applied by various methods: boom sprayer, drench, foliar, drip, micro jet, center pivot, chemigation, hand gun, hydraulic injection gun, and basal bark application methods. (Consult label for specific recommendations).

AGRI-FOS® is highly systemic within the plant moving throughout the plant's vascular system within hours after application. Applied to growing point product will protect root system, applied to roots it will protect the foliage. It is truly systemic in that it is translocated to all parts of the plant.

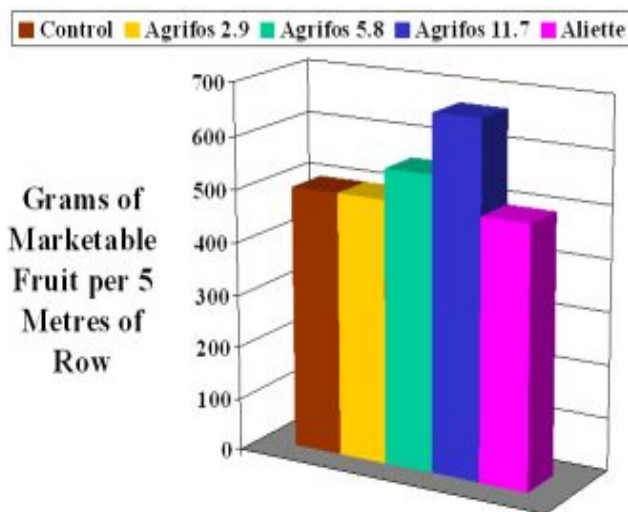
AGRI-FOS® kills pathogens on contact, in the soil, on the plant, with its unique mode of action.

AGRI-FOS® sets the standard for crop safety when compared to other phosphite fungicides. **AGRI-FOS® contains no deleterious: aluminum, ammonium, copper based green dyes or sodium.**

AGRI-FOS®'s UNIQUE MODE OF ACTION

AGRI-FOS®'s active ingredient, Mon and Di potassium salts of Phosphorous Acid directly affect plant metabolism to have profound disease countering effects. **AGRI-FOS®** when applied is rapidly absorbed across cell walls and its beneficial effects are immediate. It is quickly transported via xylem and phloem to all parts of the plant and plant energy is released. The breakage of P-P bonds in di & triphosphate nucleotides releasing ATP energy and reduction of NADP into NADPH and additional ADP all release plant energies that directly counter pathogen attack. During this heightened energy period cells have increased energy to maintain homeostasis and thickening of cell walls occur to prevent mycelia penetration.

AGRI-FOS® boosts the plant's natural response against pathogenic attack and stimulates the plant to tolerate higher levels of environmental stress.



Hulst Research Farm Services Inc.
Leather Rot Yield Data 2003



APPLICATION GUIDELINES

AGRI-FOS® can be applied by: foliar, drench, root dip, soil incorporation and by basal bark application. Adequate spray coverage is required according to crop stage of growth. (consult label for specific recommendations).

Compatibility

AGRI-FOS® is compatible with most pesticides. If a tank mix not listed on the label is to be used a compatibility test and small crop treatment test should be performed prior to broad scale use. Tank mixes with certain copper products may not be compatible and could cause plant injury. (contact Agrichem for details).

Plant Safety

A decade's use of **AGRI-FOS®** in 20 countries on 100's of crops under various environmental conditions little to no plant injury has ever been observed when used at label rates.