



KASUMIN™ Bactericide.

A unique bactericide to help manage destructive bacterial diseases.

Fire blight caused by *Erwinia amylovora* can spread fast under the right conditions and cause severe damage in susceptible apple and pear varieties. Concern is growing that there are not enough effective tools available to control fire blight.

But now with KASUMIN™, growers have a new tool to control destructive bacterial diseases like fire blight.

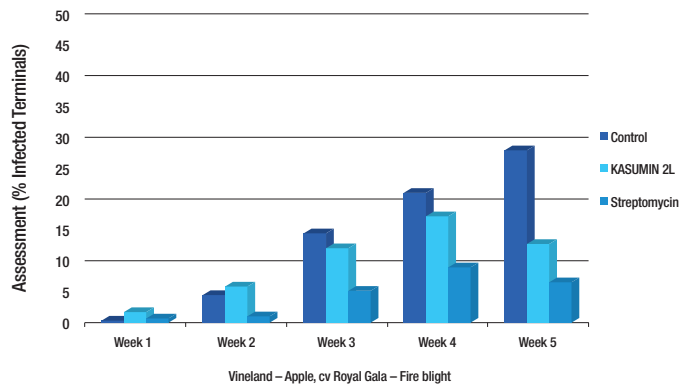
Proven Performance.

KASUMIN is proven to be effective against many bacterial diseases including *Erwinia amylovora*.

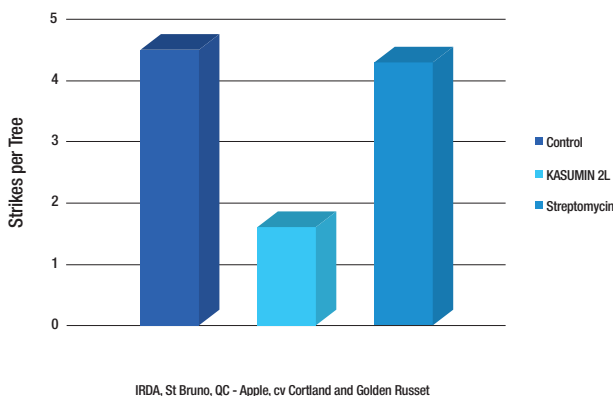
- Effective control of fire blight, including streptomycin resistant isolates in apples and pears
- Unique active ingredient – *kasugamycin*
- No cross-resistance to other bactericides

As with any product, sound resistance management practices should be employed to reduce the likelihood of bacteria developing resistance to KASUMIN.

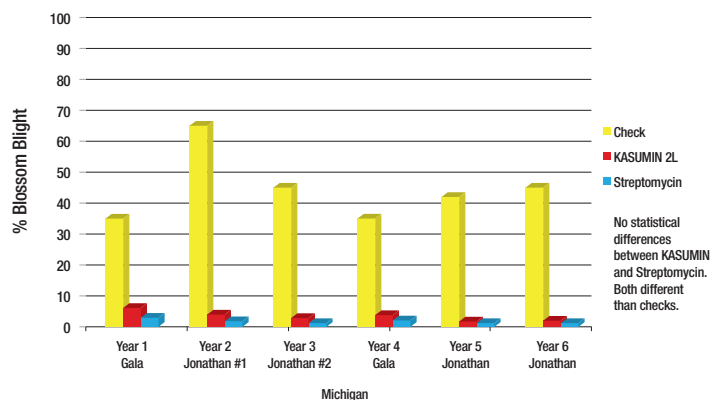
KASUMIN Field Performance – Fire Blight Apple



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A new tool for resistance management.

KASUMIN is a novel bactericide. It features a unique site of activity different from all other currently registered bactericides, which makes it effective on streptomycin resistant bacteria and an excellent new resistance management tool. KASUMIN is new to the Canadian market, but it was discovered in Japan in 1963 and has been used commercially around the globe since 1965. It's currently registered for use in over 20 countries worldwide.

Application rates and timing for KASUMIN.

POME FRUIT Group II (Including both BEARING AND NON-BEARING APPLE AND PEAR)

DISEASE CONTROL	APPLICATION RATE TO USE	APPLICATION TIMING AND RESISTANCE MANAGEMENT
Fire Blight (<i>Erwinia amylovora</i>)	100 ppm (e.g., 5.0 L/ha in 1,000 L/ha of water)	<ul style="list-style-type: none">• Spray volume must be sufficient to provide good coverage of foliage.• Reduced spray volumes may be utilized for small trees where complete coverage can be obtained with less water per ha.• Begin applications at 20-30% bloom or when conditions favour disease development.• Repeat applications at 7 day intervals or when conditions favour disease development.

Mixing Instructions for 100 ppm spray solution for treatment of fruit trees

Litres of Water per Hectare (L/ha)	Product (L/ha)
50	0.25
100	0.50
200	1
500	2.5
1000	5

RESTRICTIONS AND OTHER INFORMATION

- Do not make more than 4 applications of KASUMIN 2L per season
- Do not use alternate tree-row application method
- Do not apply after petal fall
- Do not apply KASUMIN 2L within 90 days of harvest

TO LEARN MORE ABOUT KASUMIN BACTERICIDE, CONTACT YOUR CROP PROTECTION RETAILER, VISIT WWW.KASUMIN.CA OR CALL 866-761-9397.

The logo for Kasumin, featuring the brand name in a stylized, italicized serif font with a blue wave graphic underneath.