

KASUMIN® IS THE POME FRUIT'S BEST DEFENSE AGAINST FIRE BLIGHT

Kasumin
bactericide

Apple and pear growers can effectively control fire blight and streptomycin-resistant fire blight with KASUMIN® Bactericide. Its active ingredient, kasugamycin, features a unique site of activity and is the only bactericide in FRAC Group 24, so it's an especially effective tool in resistance management plans.

ACTIVE INGREDIENT

Kasugamycin

FEATURES & BENEFITS

- Unique mode of action
- A novel aminoglycoside
- No cross-resistance
- Tank-mixable
- 12-hour REI
- 90-day PHI
- Rainfast shortly after application
- Controls fire blight in apples and pears
- Controls streptomycin-resistant fire blight
- Kasugamycin is only registered for use on select crops and has no human or animal uses
- Now available to be used on non-fruit bearing fruit trees except in California. Please see label for details

APPLICATION RATES AND OPTIMAL TIMING

Disease	Rate	Applications
Fire blight (<i>Erwinia amylovora</i>)	64 oz/A	Apply at a rate of 64 fl oz per acre in 100 gallons of water. Spray volume must be sufficient to provide good coverage of foliage. Reduced spray volumes may be used for small trees where complete coverage can be obtained with fewer than 100 gallons of water per acre. Begin applications during bloom when conditions favor disease development. Repeat applications at 3- to 6-day intervals or when conditions favor disease development.

NOTES

- Effective programs include alternate applications or tank mixtures with other products that have a different mode of action (non-Group 24 bactericide). This will reduce the potential for bacteria developing resistance to KASUMIN.
- The addition of wetting agents or spreader-sticker agents may enhance the efficacy of KASUMIN.

RESTRICTIONS AND OTHER INFORMATION

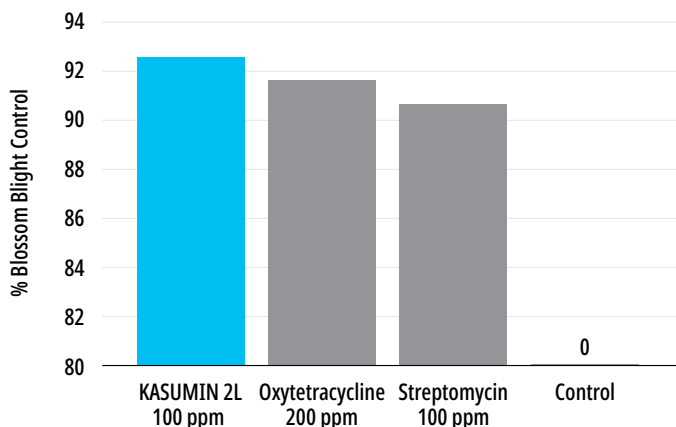
- Do not make more than four applications of KASUMIN per year.
- Do not make more than two consecutive applications of KASUMIN.
- If additional applications are needed, use an alternate product registered for this use.
- Two more consecutive KASUMIN applications may be made subsequent to use of the alternate registered product.
- Do not use alternate-tree-row application method.
- Do not apply more than 64 fl oz per acre in a single application.
- Do not apply after petal fall (CA only).
- Do not apply more than 256 fl oz of KASUMIN per acre per year.
- Do not apply KASUMIN within 90 days of harvest.
- Avoid strong acidic or strong alkali solutions.



KASUMIN EFFICACY ON FIRE BLIGHT

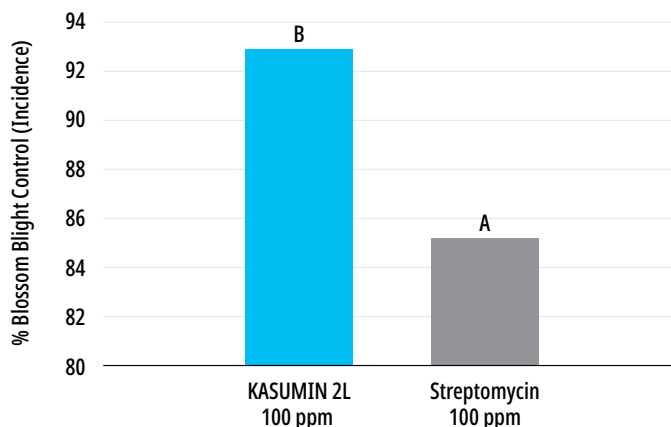
With a high level of preventive activity against streptomycin-resistant fire blight, KASUMIN is proven to be an exceptionally valuable tool in resistance management programs. In addition to its effectiveness, it has a very favorable safety and environmental profile.

KASUMIN Pear Fire Blight – WA
All applications 100 gal/A backpack air mist



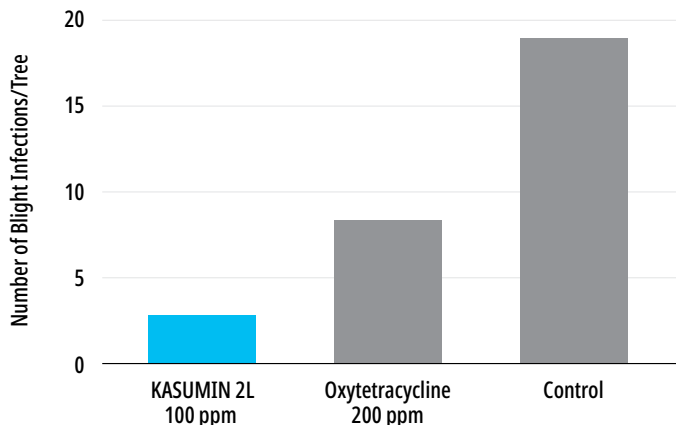
Application Info:
All chemical treatments applied 100% bloom. LSD (p=0.05) 6.55%

KASUMIN Apple Fire Blight – OR
Application with backpack – 30%, 70%, full bloom

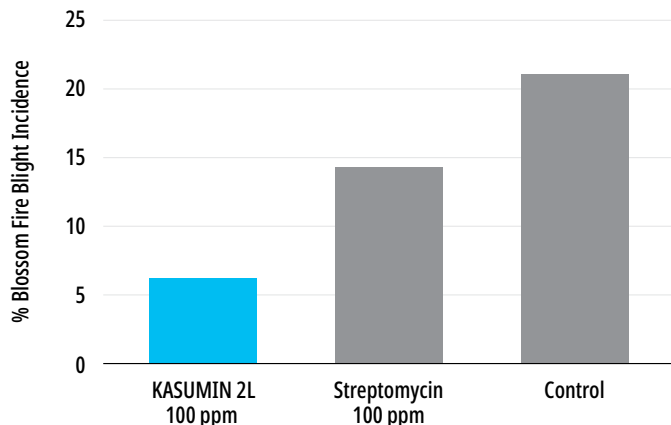


Variety: Gala, inoculated trial, contained mixture of step R and S. low disease pressure, 14% incidence in checks. Means followed by the same letter are not statistically significantly different at p=0.05

Fire Blight Control on Bartlett Pears – CA



Fire Blight Control on Fuji Apples – CA



For more information about KASUMIN, talk to your consultant, local UPL representative or retailer, or visit www.kasumin.com.



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