

# Prevent sooty mould and reduce your crop losses

## Are your kiwifruit being rejected at the packhouse?

ACVM-registered BioStart TripleX® prevents sooty mould in kiwifruit.

Sooty mould is the dark fungal mycelium which grows on the honeydew produced by passion vine hoppers (PVH) and cicadas when they feed on kiwifruit.

The active ingredient in TripleX, the microbe *Bacillus amyloliquefaciens* Bs1b, reduces sooty mould's ability to establish and develop by colonising the fruit and outcompeting the fungus.

TripleX is on the Zespri Crop Protection Standard and has a two day withholding period.

TripleX can be applied with many cover and nutritional sprays. For a compatibility list call 0800 116 229.



### For best results:

- Apply TripleX prior to passion vine hoppers or cicadas becoming active in your orchard
- Reapply TripleX regularly (2–3 weekly) between early January and late March to maintain adequate coverage of the developing fruit.

# TripleX reduces sooty mould incidence in the orchard

## 2016 Bay of Plenty Trial Results

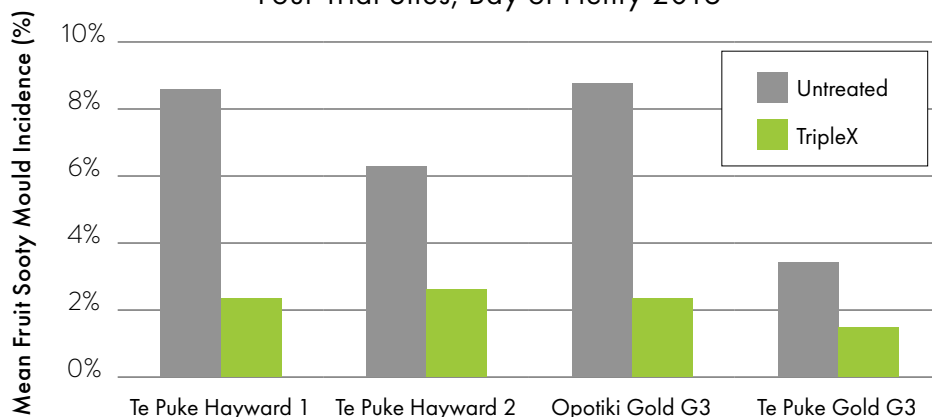
TripleX was applied at 3 L/ha between January and March 2016: The Hayward sites had six applications, Te Puke Gold had four applications, and Opotiki Gold had two applications.

TripleX reduced the incidence of sooty mould in:

- Green (Hayward) and gold (G3) kiwifruit crops
- Te Puke and Opotiki kiwifruit growing areas.

## Effect of TripleX on Sooty Mould Incidence

Four Trial Sites, Bay of Plenty 2016



Crop	Crop timing	Application rate
Kiwifruit Prevention of sooty mould	When passion vine hoppers and cicadas are active (early January to late March)	Spray 2–3 weekly intervals on to fruit and foliage. Apply a minimum of 3 L/ha diluted in 1,000 L water. A good super wetter (such as DuWett) should be used to ensure thorough fruit and stem coverage as this is where most sooty mould infections are located.

**Note:** For best results reduce cicada and PVH populations in the orchard and adjacent hedges, use a clean spray tank, and mix with non-chlorinated water.