

## Pipfruit and Stonefruit Autumn Management

### Silver leaf (*Chondrostereum purpureum*) identification and management.

Silver leaf is an air borne fungus that enters a tree through broken branches or pruning wounds following a rainfall event.



### Steps to successfully eradicating Silver leaf:

- 1 Identify trees with a silver appearance and twisting of the leaves
- 2 Mark infected trees (often young trees)
- 3 Treat with StemCap PN-2
- 4 Prevent further infection by treating pruning wounds with Greenseal Ultra™.



Silver leaf affecting a young apple tree



Tree treated with StemCap PN-2



StemCap PN-2 is a proprietary blend of nutrients in ready to use 1000mg capsules which are applied to Pip fruit and Stone fruit showing signs of Silver leaf infection (*Chondrostereum purpureum*). Being nutrient-based, they are residue free and trees can be treated throughout the year. Commonly, trees are identified during the season and treated during autumn/winter.

**Mode of action:**

StemCaps work by eliciting host defence responses in xylem tissues, appearing to disrupt the formation of enzymes which cause foliar silvering and leaf cell damage. The reduction in fungal enzymes enables the plant to recover, remaining generally healthy for several years providing good nutrition is maintained and wounds are treated with an effective wound dressing. The plant response is generally seen the following season when emergent leaves are free of silvering.

**Availability:**

StemCap PN-2 capsules are available in bags of 100 and 600 capsules from your local reseller.

**Application rates:**

Apply StemCap PN-2 according tree stem diameter shown in the table below:

No. of StemCaps:	2	3	5	7
Tree trunk diameter:	Up to 50mm	50-100mm	100-150mm	150-200mm

**Application:**



Drill 80-90% through main stem



Place stem caps as per label



Plug hole with StemPLUG

## General Pruning....

During pruning trees are again at risk so to prevent the likely hood of infection follow these guidelines:

- 1 Select a fine good drying day
- 2 Use sharp secateurs/pruners
- 3 Prune flush to the branch
- 4 Treat wounds while fresh the same day they are made
- 5 For large pruning wounds apply Greenseal Ultra™



Greenseal Ultra™ is a new generation pruning wound treatment incorporating a tough, rubber like acrylic resin and powerful fungicides and bactericide for excellent disease control. By applying a wound dressing you give the plant short term protection for up to 3 months, allowing it time to form its own defence zone just below the wound surface.

Greenseal Ultra™ has activity against Silver leaf (*Chondrostereum purpureum*) and European Canker (*Neonectria galligena*).

### Availability:

Greenseal Ultra™ is available in 2 litre and 10 litre containers with free applicators.

### Application:

Apply generously to fresh wounds. Use approx. 4 - 6 litres per hectare.



**Greenseal Ultra™ treated wound**

For any additional information please visit [www.omnia.net.nz](http://www.omnia.net.nz), phone 0800 774 629 or contact:

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