



DOVE
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Information

INTRODUCTION

LEAF-FALL has been tested over the last years and has shown to promote defoliation on a wide-range of fruit and ornamentals.

LEAF-FALL contains the form of copper most effective as a defoliant. It penetrates leaf tissues and stimulates leaf abscission and therefore accelerates natural leaf fall.

SUGGESTIONS FOR USE

Concentration – use a standard concentration of 2 gallon per 100 gallons (20ml per litre) and add a low rate of a non-ionic wetter (such as Agral at 500ml/1,000lts) as recommended by the manufacturer. Increased concentrations of LEAF-FALL or high rates of wetter are not recommended. Lower rates have been successful on sensitive subjects, especially when sprayed after the first leaves have fallen.

Volume – apply the number of gallons per acre that gives thorough wetting of all the leaves with the minimum of run-off. This will vary with plant density and unless specialised machinery is employed good cover is not likely to be achieved with beds of more than four rows. Best results will be obtained using an air-assisted sprayer calibrated to give fine droplets.

Timing – spray when natural leaf fall is imminent, between late September and late October. This will vary with plant species, geographical location and the season. A spell of cold weather increases sensitivity to defoliation.

- a) Cox, Queen Cox and Plum rootstocks are most sensitive and respond quickly to treatment in late September.
- b) The majority of types listed respond well but need spraying about two weeks later.
- c) Spartan, Idared and Bramley are difficult and may not defoliate completely for early lifting. However, normal shaking to remove soil from the roots usually removes most of the remaining leaves. Colt is slow to respond and Quince is most difficult to defoliate.

Copper masquelate is very soluble and its effect will be reduced if rain falls within 24 hours of application.

Read the label before you buy – use pesticides safely

Dove Associates shall in no event be liable for any loss or damage caused by the use of products mentioned in this document.

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VARIETIES TESTED

APPLES

Bramley
Queen Cox
Crispin
Cox
Discovery
Egremont
Fortune
Gala
Gloster 69
Golden Delicious
Greensleeves
Grieve
Grenadier
Idared
Jonagold
Katy
Kent
Spartan

ORNAMENTALS

Acer compostre
Alnus cordata
Betula Spp
Crataegus monogyna
Fraxinus excelsior
John Downie
Platanus spp
Prunus avium
Prunus cistena
Prunus mycobello
Sorbus intermedia

ROSES

Trials are in progress, using 4 gallon LEAF-FALL in 100 gallons (40ml/litre) applied in early August, as this was effective on some varieties in previous experiments.

Grandpa Dixon
Pascali
Uncle Walter
Queen Elizabeth
Zephrine Drouhin
Felicia

PEARS

Conference
Comice

PLUMS

Czar
Opal
Victoria

CHERRIES

B. Napoleon
M. Bigarreau
Morello

GOOSEBERRIES

Careless
Leveller

RASPBERRIES

Works well on
some varieties

Acer pseudoplatanus
Alnus glutinosa
Carpinus betulus
Fagus purpurea
Hippophae rhamnoides
M. Aldenhamensis
Populus spp
Prunus avium plena
Prunus nigro
Quercus rubra
Tillia spp

ROOTSTOCKS

M9
M25
M26
MM106
Quince A + C
Pixy
St. Julien A
Colt

REDCURRANTS

Jonkheer V. Tets
Laxtons No 1.
Red Lake

BLACKCURRANTS

Baldwin
Ben Lomond
Blackdown
Jet
Tsema

Aesculus hippocastanum
Alnus incana
Cornus sanguinea
Fagus sylvatica
Hillieri
Malus spp
Prunus amanogowa
Prunus cerasifera
Prunus pissardi
Salix
Wintergold

Corina
Golden Crown
Oriana
Great Maiden's Blush
Muscosa

Super Star
Peoce
Honeymoon
Mme Isaac Pereire
Maricold

Caution – plants that have been recently pruned should not be sprayed. Unhealed cuts allow excessive penetration of copper masquolate and localised bark damage can occur. Cuts from legging up in July – August are not at risk.

Available from:- Protex Chemicals Ltd, Howley Park Road East, Morley, Leeds LS27 0SW
Tel: 0113 238 3222 Fax: 0113 238 3111
Email: info@chromatech.co.uk

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