

FILAN® A guide for use in grapes grown for the production of domestic and export wine.

Introduction

Filan was first registered for the control of Botrytis in grapevines in Australia in 2004. Filan contains 500 g/kg of the active ingredient boscalid formulated as a wettable granule (WG). Boscalid represents a new activity group (Group 7) for Botrytis control providing growers with a useful option for resistance management rotation in their spray programs. Filan has been classified as a reduced risk compound by the Environmental Protection Agency (EPA) in America.

Filan is listed by the Australian Wine Research Institution (AWRI) as a preferred agrochemical for use in the production of grapes for export wine¹.

In addition to activity on Botrytis, Filan is also highly active on powdery mildew in grapes and a label claim for this use has been submitted to the APVMA by Nufarm Australia Ltd.

Application Timing

Filan application for Botrytis control in grapevines is determined by the crop e.g. table or wine grapes and the destination of the produce. Wine grapes grown for export should receive only one application of Filan. This is applied when the flower caps begin to change colour (E-L stage 18) at the beginning of flowering. This timing ensures that no detectable boscalid residue will appear in wine produced from treated grapevines. Protecting the developing grape crop over the critical flowering period is also a sound strategy for the production of quality wine.

Wet weather conditions greatly favour development of plant pathogens such as Botrytis, powdery mildew and downy mildew. During flowering the crop is at particularly high risk to these diseases which can cause significant crop damage and loss.

Filan is an ideal partner to mix with Cabrio for application at early flowering in grapevines. This combination provides an excellent level of control of each of the three major diseases – Botrytis, powdery mildew and downy mildew.

Table grape growers and wine grape producers for domestic consumption can apply additional applications of Filan during the season provided that the restrictions relating to the withholding period and the boscalid resistance management strategy are observed.

¹ AWRI Agrochemicals registered for use in Australian viticulture 09/10



Flower caps beginning to change colour (E-L stage 18)

Filan: Great for Grapes

Nufarm
Filan
 Fungicide

SPECnote

COUNTRY	MRL GRAPE	COUNTRY	MRL GRAPE
Codex	5.0	European Union	5.0#
Australia	4.0	Austria	5.0#
		Belgium	5.0#
		Bulgaria	5.0#
		Cyprus	5.0#
Wine Export Countries		Czech Republic	5.0#
Argentina	3.5	Denmark	5.0#
Brazil	3.0	Estonia	5.0#
Canada	3.5	Finland	5.0#
Chile	5.0	France	5.0#
China	No MRL is listed*	Germany	5.0#
Hong Kong	5.0	Greece	5.0#
Israel	6.0	Hungary	5.0#
Japan	10.0	Ireland	5.0#
Korea	5.0	Italy	5.0#
LCBO (Ontario)*2	0.1	Latvia	5.0#
Macedonia	0.2	Lithuania	5.0#
Mexico	3.5	Luxembourg	5.0#
New Zealand	3.0	Malta	5.0#
Norway	5.0	Netherlands	5.0#
Serbia	0.5	Poland	5.0#
Singapore	5	Portugal	5.0#
South Africa	5.0	Romania	5.0#
Switzerland	5.0	Slovakia	5.0#
Taiwan	1.0	Slovenia	5.0#
Turkey	5.0	Spain	5.0#
USA	3.5	Sweden	5.0#
		United Kingdom	5.0#

Managing Maximum Residue Limits in Grapes Grown for Wine Production

The maximum residue limit set for boscalid in grapes for domestic consumption is 4.0 mg/kg.

Similar residue levels have been set in many other countries. However because a MRL for boscalid does not exist in all of the potential export destinations for Australian wine, a restriction of a single application before 5% capfall is advised to comply with the nil detectable residue strategy proposed by AWRI.

MRL's for Domestic and Export Wine

The table outlines MRL's for Australian domestic and export wine markets (As at October 2009)

The Australian Wine Research Institute (AWRI) provides a valuable service to Australia's wine industry. Up to date information on MRL's can be obtained by referring to their website: www.awri.com.au



Notes

- All MRL's are given as ppm (mg/kg). Information provided by BASF.
- # EU MRL - established 1-9-2008 and for wine produced after this date
- * No MRL listed, therefore no detectable residue is permitted
- *2 MRL is for wine

For more information contact your Nufarm Regional Office:

	Phone	Fax
Northern NSW/QLD/NT	1800 267 612	1800 267 602
Southern NSW	1800 267 612	1800 267 602
Victoria/Tasmania	1800 131 964	1800 133 206
South Australia/Sunraysia	1800 131 964	1800 133 206
Western Australia	1800 131 964	1800 133 206

