



infonyte

Prolan 500/turf & amen Feb 2013 / 02



For pre emergent weed control in newly planted and established Turf.

Introduction

PROLAN 500 is a unique pre-emergent herbicide, which is applied to the soil or turf surface to selectively control a range of annual grasses and broadleaf weeds. For instructions on use of the product in all situations please refer to the product label.

Mode of Action

PROLAN 500 is based on the active constituent Oryzalin and is a member of the dinitroaniline family. For weed resistance management purposes, it is a GROUP D Herbicide. It's main activity on plant tissue is to inhibit cell elongation in the newly emerging root shoots of those plants with fibrous (hairy) root systems (primarily grasses). PROLAN 500 also inhibits root growth in certain small seeded broadleaf weeds. PROLAN 500 binds strongly to soil colloids and is unlikely to leach or move.

Timing of application

Winter Annuals : Apply 4 L/ha prior to germination of the weeds (usually from late summer to mid autumn, February to May).

Apply every 16 weeks from early February to the end of August. The product should be incorporated by 10 – 15 mm of spray irrigation or rainfall as soon as possible, at least within one day of application.

Allow at least 18 weeks between last application and over seeding/over sowing.

Summer Annuals : Apply 4 L/ha prior to germination of the weeds (usually from early spring, September to December)

Apply every 16 weeks from early September to the end of February. The product should be incorporated by 10 – 15 mm of spray irrigation or rainfall as soon as possible, at least within one day of application.

Allow at least 18 weeks between last application and over seeding/over sowing.

Newly planted turf : Apply 2.4 L/ha within the first 24 to 48 hours of the stolons being planted.

The product should be incorporated by 10 – 15 mm of spray irrigation or rainfall as soon as possible, at least within one day of application.

Apply every 8 weeks from planting; a maximum of 3 applications can be made from planting.

Allow at least 10 weeks between last application and over seeding/over sowing.

Note: the area that is being line planted or sprigged with stolons should be sprayed out with a non selective herbicide prior to planting.

Incorporation

NB: Incorporation of PROLAN 500 by applying the product with very high water rates is not possible. To effectively apply 15mm of rain your boom spray would need to apply 150,000 litres of water per hectare.



PROLAN 500 : For pre emergent weed control in newly planted and established Turf

Mixing

The required amount of PROLAN 500 should be added to the half-full spray tank and agitated well during the completion of filling. DO NOT leave spray solutions to stand overnight.

Application

Apply PROLAN 500 in 200 to 450 litres of water per hectare. Apply uniformly, so that application above label rates does not occur. Use a properly calibrated low pressure (170 to 340 kPa) herbicide sprayer. Provide good by-pass or other agitation of the spray suspension in the tank before and during application.

Compatibility

PROLAN 500 Herbicide is compatible with paraquat, glyphosate, oxyfluorfen and simazine, however these products should ***not be applied to turf areas.***

Situation	Weed	Rate/ha	General comments
Turf Established Common couch Hybrid couch Kikuyu	Wintergrass (<i>Poa annua</i>) Annual ryegrass (<i>Lolium</i> spp)	4	Apply prior to germination of the weeds (usually from late summer to mid autumn, February to May). Apply every 16 weeks from early February to the end of August. The product should be incorporated by 10 – 15 mm of spray irrigation or rainfall as soon as possible, at least within one day of application. Allow at least 18 weeks between last application and over seeding/over sowing.
	Crabgrass Chickweed		Apply prior to germination of the weeds (usually from early spring, September to December) Apply every 16 weeks from early September to the end of February. The product should be incorporated by 10 – 15 mm of spray irrigation or rainfall as soon as possible, at least within one day of application. Allow at least 18 weeks between last application and over seeding/over sowing.
Turf Newly planted (i.e. line planted or sprigged)	Wintergrass (<i>Poa annua</i>) Annual ryegrass (<i>Lolium</i> spp) Crabgrass Chickweed	2.4	Apply within the first 24 to 48 hours of the stolons being planted. The product should be incorporated by 10 – 15 mm of spray irrigation or rainfall as soon as possible, at least within one day of application. Apply every 8 weeks from planting; a maximum of 3 applications can be made from planting. Allow at least 10 weeks between last application and over seeding/over sowing. Note: the area that is being line planted or sprigged with stolons should be sprayed out with a non selective herbicide prior to planting.
Nursery Stock, Ornamentals and Amenity plantings	Refer to label	4.5 To 6.8 L/ha	Area to be treated should be free of established weeds, trash and large clods. Apply after planting to minimize soil disturbance. The product should be incorporated by 10 – 15 mm of spray irrigation or rainfall as soon as possible, at least within 21 days of application.

DO NOT OPEN OR USE THIS PRODUCT UNTIL READING THE COMPLETE LABEL AS CONTAINED IN THE PRODUCT BOOKLET

For more information on this product contact:

Telephone : +61-7-3348 4113

email : sales@agricrop.com.au

visit : www.agricrop.com.au



Agricrop Pty Ltd. A.C.N. 84 100 473 309. The information in this InfoNote is based on data believed by Agricrop to be accurate at the time of publication but is subject to change without notice. It is given in good faith but no warranty express or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the products and/or materials referred to herein does so at their own risk absolutely and must make independent determination of suitability and completeness of information from all sources. Agricrop shall not be liable for any loss, injury, damage or death whether consequential or otherwise howsoever arising whether through negligence of otherwise in connection with the use or application of the products and/or materials referred to herein. © Copyright 2010



AGRICROP

Products for Plants