



VALOR® 500 WG HERBICIDE TECHNOTE

COASTAL GRAIN CROPS – RESIDUAL AND BURNDOWN CONTROL WITH FLEXIBILITY

Overview

Valor is a highly versatile Group G herbicide from Sumitomo. Now with all new high rate residual uses for coastal regions where a diverse range of crops are grown and short re-cropping intervals are needed.

- Contains flumioxazin 500 g/kg as a WG (Wettable Granule).
- New residual registrations include fallow and prior to planting **soybeans, navy beans, mungbeans, peanuts and maize**.
- 6 - 8 weeks residual control for late fallow and residual carryover/control into the emerged crop.
- Short plant-back requirements prior to many summer and winter crops with only 15 mm rainfall requirement.
- Residual strength against difficult to control weeds including bluetop, spiked malvastrum, summer grass, fleabane and feathertop rhodes grass.
- Can also be used at non-residual spike rates for enhanced burndown with knockdown herbicide partners.
- PPO group G mode of action for resistance management. No recorded resistance in Australia.
- Compatible with a wide range of knockdown and pre-emergent herbicides.

Rules of thumb for best results

1. Valor needs 15 mm + of rain or overhead irrigation to incorporate and activate.
2. Avoid excessively cloddy soil or high trash cover.
3. Remove emerged weeds prior with a non-selective herbicide if coverage is greater than 20%.
4. Use a minimum of 80 L per ha of water. Use more when heavy trash or stubble cover is present.
5. Prolonged wet weather following application and sowing can heighten the chance of negative crop effects.



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Directions for use

Crop situation	Weeds controlled	Rate	Critical comments
PRE- or POST SOWING pre-emergence Peanuts, Soybean, Pigeon pea Enhanced knockdown and residual weed control	<i>Amaranthus</i> spp., Barnyard grass, Bladder ketmia, Bluetop / Billygoat weed, Calopo, Caltrop/yellow vine, Crowsfoot, Feathertop	Pre-sowing 210 - 280 g/ha Post sowing pre-emergent 210 g/ha	Valor herbicide needs at least 15 mm of overhead irrigation or rain to incorporate/activate, and therefore should preferably be applied during the main rainfall period when at least 15 mm of rain or irrigation is expected within 3 weeks. Heavy rainfall (>25 mm) and prolonged wet weather soon after sowing may cause temporary crop injury. This will be worse if application is delayed until seedlings are starting to germinate and crack through the soil. Application to peanuts, soybeans and pigeon pea should be made either prior to planting, or within 2 day of planting. For cotton, maize, sorghum, sunflower, mungbeans and navybean follow the recommended pre-plant interval. For winter crops follow the plant back intervals listed below (under "Minimum re-cropping intervals").#
Post fallow PRE-SOWING burndown with residual weed control Maize, Navybean, Sorghum, Cotton At least 1 months prior to sowing Mungbeans, Sunflower At least 2 months prior to sowing	<i>Ipomoea</i> spp. (Bell vine, Morning glory, Pink convolvulus, Star of Bethlehem), Milk/sow thistle, Milkweed, <i>Phyllanthus</i> spp. Red pigweed, Sicklepod, Summer grass, Square weed, Wild rose.	210 - 280 g/ha	

Read label for full list of Critical Comments.

Minimum re-cropping intervals

Crop	Residual rates 210 - 280 g/ha	Enhanced knockdown rates 30 - 45 g/ha
Soybean	none required	none required
Pigeon Pea	none required	none required
Peanuts	none required	none required
Cotton	1 month	none required
Sorghum	1 month	none required
Maize	1 month	none required
Navy Bean	1 month	none required
Mungbeans	2 months	none required
Sunflower	2 months	none required
Sweet corn	5 months	none required
Pumpkin	5 months	none required
Lucerne	6 months	none required
Sweet potato	8 months	none required
Lettuce	8 months	none required
Zucchini	8 months	none required
Tomato	8 months	none required
Capsicum	8 months	none required
Cabbage	8 months	none required
Rock melon	12 months	5 months

* Minimum 15 mm of rainfall required in addition to minimum time period for all residual rate re-cropping intervals (Soybean, Pigeon pea, Peanuts and Faba beans excluded).

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