

VALOR® APPLIED AS A LAY-BY APPLICATION IN COTTON

USING SHIELDED SPRAYERS TO CONTROL LATE GERMINATING WEEDS AND WEEDS THAT HAVE ESCAPED PREVIOUS HERBICIDE OPERATIONS

At 60 - 90 g/ha, Valor will control a number of troublesome broadleaved weeds:

- Bladder Ketmia – up to six leaf stage
- Noogoora burr – up to six leaf stage
- Cow vine (Peach vine) – up to twelve leaf stage
- Yellow vine – up to 12 leaf stage
- Bellvine – up to twelve leaf stage
- This is not an exhaustive list. Always refer to the most recent label for the full list of weeds covered.

Apply between the rows as a shielded spray underneath cotton foliage. Valor may be mixed with residual herbicides to broaden the spectrum of control and to prolong residual activity.

IMPORTANT CONSIDERATIONS

- Do not apply until the cotton plants are 40 cm tall.
- Do not allow contact with green bark, stems and foliage. Direct the nozzles to spray as close as possible to the stems but only if the bottom section of the stem has bark on it.
- If there is a risk of spraying green bark, shielded application or the use of droppers for a directed spray is recommended.
- Do not apply in conditions conducive to drift.
- Valor is a contact herbicide. Always add a labeled adjuvant and ensure good coverage with medium to coarse droplets. The use of nozzles that deliver very coarse droplets when applying Valor is NOT recommended. A minimum of 80 L spray mixture/ha is recommended.

RECOMMENDATIONS FOR LAY-BY APPLICATION



*Lay-by application using drop-arms.
Note how the spray pattern is adjusted away
from the stems.*



*The minimum length of stem that must be
covered by brown bark before contact with Valor
can occur, and that would allow for the directed
spray pattern to overlap at the base of the stem.*

DIRECTIONS FOR USE

(Refer to the Valor label for comprehensive details)

RESTRAINTS:

DO NOT apply by air.

DO NOT treat weeds under poor growing or dormant conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts) as reduced control may result. Weeds should be actively growing at time of treatment.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

Crop/Situation	Weeds controlled	Weed growth stage	Rate	Critical comments
Cotton Lay-by application	Noogoora burr Caltrop, Yellowvine (<i>Tribulus terrestris</i> & <i>T. micrococcus</i>)	< 4 leaf <10 cm diameter	60 g/ha plus an adjuvant*	Apply as a shielded spray underneath cotton foliage and to inter rows to control late germinating weeds, or weeds that have escaped previous herbicide operations. Best results are obtained when applied to young weeds between the 2- and 6-leaf stage.
	Bellvine Bladder ketmia Cow/Peach vine Spiked malvastrum (<i>Malvastrum americanum</i>) Black pigweed Red pigweed Annual polymeria (<i>Polymeria pusilla</i>) Sow thistle Dwarf amaranth (<i>Amaranthus macrocarpus</i>)	<12 leaf <6 leaf < 12 leaf <10 cm diameter <12 leaf <15 cm diameter <6 leaf <4 leaf < 4 branch	90 g/ha plus an adjuvant*	Vines that have commenced climbing may not be controlled. CAUTION: Valor 500 WDG will defoliate any cotton foliage that is contacted by the spray. Shielded sprayers must be operated to ensure that spray does not make contact with cotton foliage. DO NOT apply in conditions conducive to drift. DO NOT apply until cotton plants are 40 cm tall. DO NOT allow contact with green bark on stems or trunks.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD (COTTON):

GRAZING: DO NOT ALLOW LIVESTOCK TO GRAZE VEGETATION PRESENT AT TIME OF TREATMENT FOR 2 WEEKS AFTER APPLICATION. DO NOT GRAZE OR CUT CROPS PLANTED FOLLOWING TREATMENT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION.

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

* Always apply with Hasten™ Spray Adjuvant or Kwickin™ Spray Adjuvant at 0.5 - 1 L/100 L (use the lower rate on smaller, actively growing weeds), or Uptake™ Spraying Oil at 500 mL/100 L.



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