

# Alpha-Cypermethrin 250 SC

Similar to: *Alpha Forte 250*<sup>®</sup>

<b>Active constituent</b>	Alpha-Cypermethrin 250g/L	<b>Formulation</b> SC	
<b>Typical situations</b>	Cereals, canola, field peas, pasture and other crops (see registration section).		
<b>Insects controlled</b>	Armyworm (common, southern), blackheaded cockchafer, blue oat mite, brown pasture looper, cabbage moth, cutworm, green mirid, <i>Helicoverpa</i> spp., pasture webworm, pea weevil, redlegged earth mite, sorghum midge, wingless grasshopper and others (see label).		
<b>Chemical group</b>	3A		
<b>Mode of action</b>	Non-systemic in plants, contact and ingestion with some surface residual activity (anti-feed and repellent).		
<b>Typical pack size</b>	20L, 110L		
<b>Poison schedule</b> 6	<b>Dangerous goods class</b> –	<b>UN</b> –	<b>Packing code</b> –
<b>Withholding period</b>	<b>Harvest</b> Do not harvest winter cereals for 7 days, canola for 21 days and field peas and lupins for 4 weeks post application (see label for comprehensive list). <b>Grazing</b> Do not graze pasture for 3 days or cut for stock food for 14 days post application (see label for comprehensive list).		
<b>Application method</b>	Boom spray 50–200L/ha, aerially at least 20L/ha	<b>Rain fastness</b> 6hrs	
<b>Efficacy</b>	Apply during cooler periods in daytime or at night, using 150–200-micron droplets with high water rates to ensure thorough coverage and optimum efficacy.		
<b>Compatibility</b>	Most herbicides and insecticides.		
<b>Incompatibility</b>	N/A		
<b>Water quality</b>	Alkaline water may reduce efficacy.		
<b>4F Broadacre registrations</b>	Cereals, canola, field peas, pasture and other crops (extract listed).		
<b>4F Other registrations</b>	Horticultural, viticultural, irrigated and orchard crops (see label).		
<b>Similar product registrations</b>	Alpha Forte250 <sup>®</sup> is registered for use in asparagus.		

Situation	Target Insects	Rate/ha	Comments
Winter cereals	Cutworm, webworm	30ml	Cutworm: check late afternoon for caterpillar and apply when active. Webworm: apply when larvae emerge.
	Redlegged earth mite, blue oat mite	20ml	Apply to seedling crops when numbers are damaging (cause silvering/bleaching).
	Redlegged earth mite	40ml	Pre-crop emergence, by ground rig only.
	Aphids	50ml	Apply at both 3 and 7 weeks following emergence.
	Common armyworm, southern armyworm (up to 20mm length)	96ml	Apply at 2 or more larvae per m <sup>2</sup> , apply in cool temperatures.
Canola	Redlegged earth mite, blue oat mite	20 or 40ml	Same as above.
	Native budworm	80 or 120ml	Inspect during and after flowering, apply when pest is detected and repeat where required.
	Vegetable weevil	160ml	Inspect crops at emergence. Apply when cotyledons/leaves are eaten or when plants are being lopped (border sprays required).

## Comments

- **Care:** Avoid contact with skin; this product causes skin irritation.
- **Care:** Alpha-Cypermethrin 250 SC is an SC formulated product (a different formulation to Alpha-Cypermethrin 100 EC); ensure correct mixing order when tank mixing.
- See label for maximum application rates for individual crop situations.
- See Alpha-Cypermethrin 100 EC Comments.
- **Note:** See Equivalent Product Rate Calculator in Appendix to assist with converting between Alpha-Cypermethrin 100 EC and 250 SC application rates.

