

TECHNOTE FOR THE CONTROL OF REDLEGGED EARTH MITE AND LUCERNE FLEA IN BROADACRE CROPS AND PASTURES AT THE BARE EARTH STAGE

Redlegged earth mites (RLEM) and lucerne flea are key pests of seedling broadacre crops and pastures.

They can rapidly build up in numbers and cause significant losses in productivity.

LONG RESIDUAL CONTROL

Astral 250EC plus Imidan gives true bare earth residual control of redlegged earth mite for up to 60 days when applied at 40 mL/ha.

CONTROLS A RANGE OF PASTURE PESTS

Astral 250EC plus Imidan also controls lucerne flea, brown pasture looper, blue oat mite and pasture webworm at 40 mL/ha.

RATES

Astral 250EC can be applied at a rate of 20-80 mL/ha in a tank mix with Imidan at a rate of 250-300 mL/ha. Use the higher rate on heavier infestations and for longer residual protection.

APPLICATION

Apply as a broadcast ground rig application in a total water volume of 50-200L/ha or by air in a minimum total water volume of 20L/ha. Apply to bare soil **after** conventional cultivation and sowing or onto well grazed or sprayed pasture after direct drilling. Treat infested paddocks **after** sowing and before or soon after seedling emergence.

WITHHOLDING PERIOD

IMIDAN: Pastures: do not graze or cut for stock food for 2 days after application.
Cereals: do not graze or cut for stock food for 7 days after application.

ASTRAL: Canola, subterranean clover, clover, field peas, faba beans, wheat, barley, lucerne, lupins. Do not graze or cut for stock food for 4 weeks after.

COMPATIBILITY

Astral in a mix with Imidan is compatible with the following herbicides: Shirquat® 250, metolachlor, Simagranz®, Gladiator®, Spray.Seed® 250.

KEY FEATURES	BENEFITS
Broad pest spectrum	Controls RLEM, blue oat mite, lucerne flea, vegetable weevil, bryobia mites, pasture webworm, brown pasture looper.
Fast acting	Complete population kill in 1-2 days. Stops damage quickly.
Soil & foliar activity	Gives true residual on the soil for up to 60 days and leaf for 7-10 days.
WHP	Harvest - Not required, Grazing – 4 weeks.
Rainfast in 2 hours	Flexibility in application.
Good compatibility	Compatible with a number of insecticides and herbicides. Flexibility in herbicide choice and application.



DIRECTIONS FOR USE: IMIDAN

CROP	PEST CONTROLLED	STATE	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS
Cereals	Redlegged earth mite	All states	250 to 350 mL/ha	7 days (grazing)	Apply 3-5 weeks after autumn rains commence and when low temperatures favour pest development. Use the higher rate only when severe infestations are present. Further treatment may be necessary later in the season if re-infestation occurs.
Lucerne Pasture Seed crops	Redlegged earth mite	Vic, SA, WA & Tas only		2 days (grazing)	
	Lucerne flea			Qld, NSW & WA only	
	Blue oat mite	All states			
Pasture	Lucerne flea	NSW, Vic, SA, WA & Tas only	Qld & WA only	Apply in autumn when populations indicate.	
	Blue oat mite				

DIRECTIONS FOR USE: ASTRAL 250EC

CROP	PEST	STATE	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS
Canola	Redlegged earth mite	All states	20-40 mL/ha	4 weeks (grazing)	Apply as a broadcast ground rig application in a total water volume of 50-200L/ha or by air in a minimum total water volume of 20L/ha. Apply to bare soil after conventional cultivation and sowing or onto well grazed or sprayed pasture after direct drilling. Treat infested paddocks after sowing and before or soon after seedling emergence. Use the higher rate on heavier infestations and for longer residual protection. ASTRAL 250EC is compatible with some herbicides. See compatibility statement for details.
Faba beans	<i>(Halotydeus destructor)</i>				
Subterranean clover	Brown pasture looper		40mL/ha		
Clover	<i>(Ciampa arietaria)</i>				
Barley	Blue oat mite (Penthaleus major)		80mL/ha		
Pasture Webworm	<i>(Hednota spp)</i>				
Field peas					
Lucerne	Bryobia mites				
Wheat	<i>(Bryobia spp)</i>				



For more information on Astral 250 and Imidan, contact your local Nufarm Territory Manager.

nufarm.com.au



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