

Cereal Fungicide / Locust Insecticide Compatibility Chart

Widespread rain across the eastern states of Australia means that cereal growing regions are now faced with the onset fungal diseases. This is in conjunction with the anticipated problem of plague locusts come spring.

To help farmers reduce the number of spray applications over their crops, Nufarm have conducted physical compatibility testing on their range of cereal fungicides with the insecticides that are registered for locust management.

While these tests are for physical compatibility only, and have not assessed biological activity, the results will provide farmers with a good starting point for combined options to control both these expected pests and diseases.

Alpha-cypermethrin products are not included here as testing has already been conducted as part of research for Fastac Duo. These results are available on the Nufarm Cereal Fungicide Compatibility Chart which can be found at www.nufarm.com.au/cerealfungicides.

The results below show that all these combinations are compatible when kept under agitation.

Test No	Cereal fungicide		Insecticide		Initial	2hrs	2hrs + 10 inv.	Compatibility
	Product	Volume	Product	Volume				
1	Throttle 500	1 mL	Fenitrothion	0.8 mL	Opaque white liquid	2 mL of cream	Nothing retained on sieve	Compatible with agitation
2	Throttle 500	1 mL	Regent 200SC	0.02 mL	Opaque white liquid	1 mL of cream	Nothing retained on sieve	Compatible with agitation
3	Throttle 500	1 mL	Chlorpyrifos 500	1.12 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
4	Throttle 500	1 mL	Maldison 500	4.4 mL	Opaque white liquid	1 mL of cream	Nothing retained on sieve	Compatible with agitation
5	Hornet 500	0.6 mL	Fenitrothion	0.8 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
6	Hornet 500	0.6 mL	Regent 200SC	0.02 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
7	Hornet 500	0.6 mL	Chlorpyrifos 500	1.12 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
8	Hornet 500	0.6 mL	Maldison 500	4.4 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
9	Opus 125	1 mL	Fenitrothion	0.8 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
10	Opus 125	1 mL	Regent 200SC	0.02 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
11	Opus 125	1 mL	Chlorpyrifos 500	1.12 mL	Opaque white liquid	0.5 mL of cream	Nothing retained on sieve	Compatible with agitation
12	Opus 125	1 mL	Maldison 500	4.4 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
13	Opera	2 mL	Fenitrothion	0.8 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
14	Opera	2 mL	Regent 200SC	0.02 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
15	Opera	2 mL	Chlorpyrifos 500	1.12 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation
16	Opera	2 mL	Maldison 500	4.4 mL	Opaque white liquid	Trace of cream	Nothing retained on sieve	Compatible with agitation

Technical Notes: water quality = hard (3WHO), water volume = 100 mL, water rate = 50 L/ha