



Companion herbicides for use with CRUCIAL® when spraying out

Product	Rate	Main broadleaf weeds targeted	Rainfast period	Grazing withholding period	Recommended crop plant-back periods*
	200-400ml/ha	Californian thistle, clovers, dandelion, hawksbeard, plantain, thistles and yarrows	3 hours	Nil. Allow 3 days for CRUCIAL to be effective	Nil: brassicas, ryegrass, cereals/maize, fodder beet 12 weeks: clovers, legumes (up to 0.2L/ha) 6-12 months: clovers/legumes (over 0.2L/ha)
	20g/ha	Buttercups, docks	4 hours	7 days	14 days: brassicas, grasses, cereals/maize, clovers/legumes 6 months: fodder beet
Goal® Advanced	1-3L/ha – apples stonefruit, kiwifruit and grapevines. 40mL/ha as an adjuvant to glyphosate	A wide range of weeds - refer to label Mallow, nettle, hedge mustard, speedwell, tall willow herb, cleavers	Nil	For export crops refer to export spray programmes for specific information Conservation tillage observe all Crucial instructions	Conservation tillage observe all CRUCIAL instructions
	400ml/ha	Clovers, dandelion, docks, willow weed, etc	6 hours	14 days	Nil: brassicas, grasses, cereals/maize 4-8 weeks: clovers, legumes 6-8 weeks: fodder beet
	20-40 ml/ha	Mallow, nettles, wireweed and seedling storksbill	1 hour	Nil. Allow 3 days for CRUCIAL to be effective	Nil for all crops
	1-2L/ha	Hemlock, ragwort, storksbill and thistles	2 hours	Nil. Allow 3 days for CRUCIAL to be effective	1-2 weeks: cereals/maize 4 weeks: brassicas, clovers, grasses 3 months: fodder beet
	40g/ha	Californian thistles, clover, ragwort, sheep sorrel, yarrow, etc	1 hour	Nil. Allow 3 days for CRUCIAL to be effective	14 days: brassicas, cereals/maize, grasses, clovers/legumes Note: Do not use Sero® 750WG prior to planting fodder beet. If soil pH exceeds 6.5 do NOT sow brassicas. Do NOT apply Sero 750WG within 2 months after a lime application

*The recommended crop plant-back periods are a guide only and may vary from those listed depending on climatic conditions, soil type, soil pH and other factors. If in doubt sow a small area first to check soil residues.



Companion insecticides for use with CRUCIAL when spraying out

Product	Rate	Main insects targeted	Crop to be planted	Rainfast period	Grazing withholding period
 Dew™ 600	400mL/ha	Springtails	Broadleaf crops - brassicas, chicory, fodder beet, legumes, plantain	3 hours	Nil.
 Chlorpyrifos 500EC	0.2-1.25L/ha	Springtails, Argentine stem weevil and <i>Nysius</i>	Broadleaf crops - brassicas, chicory, fodder beet, legumes, plantain	3 hours	7 days

Tank mixing order

1	2	3	4	5	6	7
Fill the tank ¾ full with water and add in the following order:	Wettable powders	Water dispersable granules Sero® 750WG Charter® 750WDG	Flowables - suspension concentrates, capsule suspensions, etc. Dew™ 600	Emulsifiable concentrates Relay® Super S Nail® 600EC Chlorpyrifos 500EC	Water soluble concentrates Kamba® 500 CRUCIAL Archer®	Adjuvants, wetters, oils, penetrants Pulse® Penetrant

Note: The information in this table is a quick reference only. Always consult the product label before use.

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