

# PRE-HARVEST APPLICATION TO REDUCE WEED SEED SET.



Whether it be Over-The-Top, Pre-Harvest or preparing for next season; Nufarm's CRUCIAL is the all-in-one; your complete package for intelligent weed control.



## Comparison table of product registrations

	Crop	Nufarm's CRUCIAL	weedmaster <sup>®</sup> DST	Gladiator <sup>®</sup> CT	Shirquat <sup>®</sup> (annual ryegrass control only)
Registration	Canola	1.1 - 3.2 L/ha *	1.4 - 4.1 L/ha (not Optimum Gly <sup>®</sup> and TruFlex varieties)	Not registered	Not registered
	Hay and silage (incl. oaten hay)	1.1 - 3.2 L/ha	1.4 - 4.1 L/ha	Not registered	Not registered
	Wheat	1.1 - 3.2 L/ha	1.4 - 4.1 L/ha	Not registered	Not registered
	RR Cotton	0.6 - 1.7 L/ha	1.04 L - 2.2 L/ha	Not registered	Not registered
	Cotton	0.75 - 1.5 L/ha	0.96 - 1.9 L/ha	1 - 2 L/ha	Not registered
	Sorghum	0.9 - 1.8 L/ha	1.15 - 2.3 L/ha	1.2 or 1.6 L/ha	Not registered
	Chickpeas	0.6 - 1.6 L/ha	580 mL - 2.1 L/ha	Not registered	400 or 800 mL/ha
	Chickpeas (Plus 5 g/ha Associate)	450 - 960 mL/ha	580 mL - 1.2 L/ha	Not registered	Not registered
	Lentils	0.6 - 1.6 L/ha	780 mL - 2.1 L/ha	Not registered	400 or 800 mL/ha
	Field peas	0.6 - 1.6 L/ha	365 mL - 2.1 L/ha	Not registered	400 or 800 mL/ha
	Vetch	0.6 - 1.6 L/ha	Not Registered	Not registered	400 or 800 mL/ha
	Faba beans	0.6 - 1.6 L/ha	365 mL - 2.1 L/ha	Not registered	400 or 800 mL/ha
	Barley (not malting barley)	1.54 L/ha	Not Registered	Not registered	Not registered

\* In Optimum Gly<sup>®</sup> varieties Nufarm's CRUCIAL is registered to be used up to 10% flowering but not as a pre-harvest treatment

## Pre-harvest canola

Nufarm's CRUCIAL is registered for pre-harvest weed control in all canola growing systems except Optimum Gly® varieties. In Optimum Gly® varieties Nufarm's CRUCIAL can be used up to 10% flowering.

Can be applied as early as 20% seed colour change to control annual weeds and reduce weed seed set.

Apply Nufarm's CRUCIAL at rates between 1.1 – 3.2 L/ha. High rates provide the best results when crops or weeds are dense or where faster desiccation is required.

Additional wetter is not required when using Nufarm's CRUCIAL.

Using Nufarm's CRUCIAL pre-harvest in canola provides a key weed control opportunity for late germinating weeds.

### Over standing crop

Apply at 20% seed colour change at minimum 80 L/ha water volume.

### Windrowing

Apply under the cutter bar at 50-60% seed colour change or as per farm practice.

### Aerial

Apply at 20% seed colour change at minimum 30 L/ha water volume.

**Always follow label instructions when applying Nufarm's CRUCIAL.**

## Hay and Silage - Weed control and regrowth

Nufarm's CRUCIAL is registered for application prior to cutting hay & silage.

Nufarm's CRUCIAL can be applied to mature standing pasture or hay crops within 1-10 days prior to cutting. Use Nufarm's CRUCIAL at rates between 1.1 - 3.2 L/ha. Higher rates are also recommended to minimise hay regrowth. Higher rates are recommended in dense crops or if faster desiccation is required.

For dense hay and silage crops or for harder to control weeds, Nufarm's CRUCIAL should be at least 2 prior days before cutting to allow Nufarm's CRUCIAL to fully translocate into the weeds and plants.

For hay and Silage quality improvements, applications should be made 3-5 days prior to cutting. A colour change will be noticed between 4-7 days, however this is visual only and does not affect crop quality.



Hay and Silage

For export hay producers, check with the hay purchaser prior to treatment to ensure treatment is acceptable. If acceptable apply Nufarm's CRUCIAL no more than three days prior to cutting to retain colour.

**DO NOT use on crops intended for seed production or sprouting.**

The information and recommendations set out in this brochure are no substitute for professional or expert advice and are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. To the maximum extent permitted by law, Nufarm Australia Limited disclaims all warranties of any kind, whether express or implied, including but not limited to any warranty that the information is up-to-date, complete, true, legally compliant, accurate, non-misleading or suitable.

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Please refer to respective product labels for registered uses in specific crops.

For more information on Nufarm's CRUCIAL®, contact your local Nufarm Business Development Manager.

[nufarm.com.au/product/crucial](https://nufarm.com.au/product/crucial)

