



TERRAD'OR PRE-HARVEST

TECHNOTE

AUSTRALIA'S NO.1 SPIKE HERBICIDE.

The only group 14 pre-harvest option for annual ryegrass seed set reduction in wheat, Nufarm Terrad'or offers unrivalled performance on key problem weeds.

Target annual ryegrass. A new tool to reduce weed pressure, with proven seed set reduction.

Weed seed set reduction. Activity on key broadleaf weeds, including Wild Radish and Sowthistle.

 **nufarm TERRAD'OR®**

Annual ryegrass is a priority weed in winter cropping systems due to its ability to reduce yields and rapidly develop resistance to key herbicides. In wheat, growers rely heavily on pre-emergent herbicides which, while effective at minimising yield loss, rarely deliver 100% control. As a result, every opportunity to control survivors is critical to reducing seedbank carryover and slowing the spread of herbicide resistance.

Terrad'or provides a new strategic pre-harvest option in wheat, complementing robust pre-emergent programs and harvest weed seed control practices to further reduce annual ryegrass seed set and help delay the development of herbicide resistance.

To maximise results, target key paddocks where wheat and annual ryegrass growth stages align. Applied according to label directions, Terrad'or reduces annual ryegrass seed set by an average of 50%, while maintaining wheat grain yield and quality.

Crops:	Wheat
Application timing:	From GS75 (medium milk) to GS83 (early dough)
Rate:	Terrad'or at 40 g/ha + CanDo at 0.5 L/100 L water. Do not tank mix with any other products.
Registered weeds:	Annual ryegrass (<i>Lolium rigidum</i>), Prickly lettuce (<i>Lactuca serriola</i>), Sowthistle (<i>Sonchus oleraceus</i>) and Wild radish (<i>Raphanus raphanistrum</i>).

Always apply Terrad'or with a coarse spray quality in a minimum volume of 100 L/ha. Coverage is critical to final results. Terrad'or will have little impact on shaded seed heads.

ANNUAL RYEGRASS TIMING:

Optimal seed set reduction when using Terrad'or occurs when applied to ryegrass at flowering or early seed development. Application to ryegrass beyond this will result in lower or poor levels of seed set reduction.

- Application to wheat is GS75 (medium milk) to GS83 (early dough).
- Ryegrass can have large variation in growth stage at application.
- Ideal growth stage for ryegrass seed set reduction may not align with labelled crop application timing.



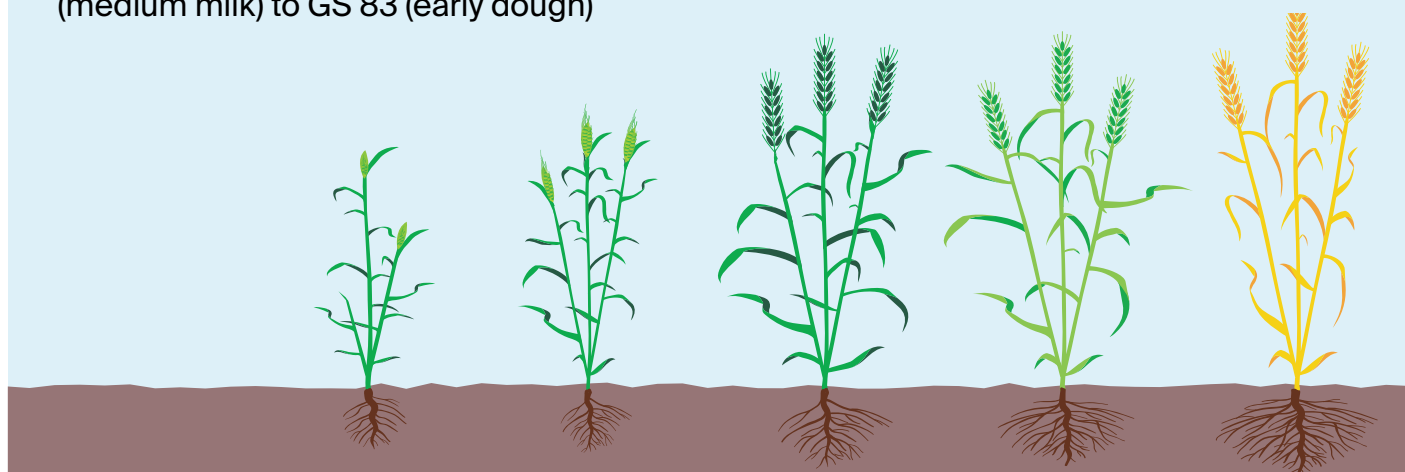
Ideal timing for ryegrass,
anthers visible.



Spike desiccation from Terrad'or
@ 40 g/ha* v UTC (RHS)

WHEAT APPLICATION TIMING

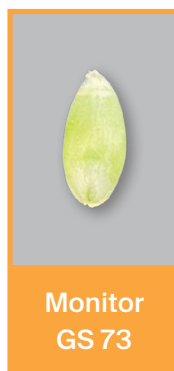
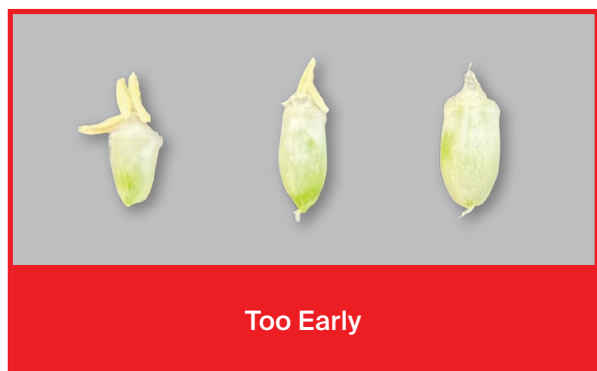
Application to wheat from GS 75 (medium milk) to GS 83 (early dough)



Zadoks Growth stage	GS 50 - 59	GS 60 - 69	GS 70 - 79	GS 80 - 89	GS 90 - 99
Development phase	Ear emergence	Flowering	Milk Development (grain fill period)	Dough Development (grain fill period)	Ripening
			‘nufarm TERRAD’OR GS 75 - 83		‘nufarm AMICIDE ADVANCE 700 ‘nufarm DROPZONE
					‘nufarm CRUCIAL

IDENTIFYING GS75: MEDIUM MILK STAGE

Application to wheat from GS 75 (medium milk) to GS 83 (early dough).



Grain has reached final size, milky colour liquid when squeezed, some white solids.

Sample from middle of head on main tiller. GS 75, is approximately 11-16 days after flowering, Wheat growth and development NSW DPI.



Sample head on main tiller, middle grains.



GS 75: Grain final size, green colour, plump. Grain content milky white liquid when squeezed.



GS 83: Early dough, end of application window. Do not apply to mature crops.

Group 14 herbicides used pre harvest can cause black spotting on wheat stems and heads.

No impact on grain yield or quality when applied from GS 75 - GS 83.



Terrad'or® 40 g/ha, black spotting on stem and glume, 16 DAA, wheat, SNSW

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

For more information, contact your local Nufarm Business Development Manager

nufarm.com.au/product/terrador

nufarm **TERRAD'OR®**