

Best Use Guidance

February 2024

Emerger®

Emerger® is a HRAC Group 32 pre-emergence herbicide, which is now authorised for use in winter beans, spring beans and combining peas in 2024. As a tank mix partner, it will enhance annual grass and broadleaf weed control.

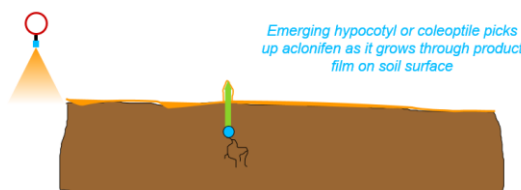
Product Profile



Active Substance	Aclonifen
Formulation	600 g/L SC
Crops	Field Beans (dry, pulses) Combining Peas (dry, pulses)
Maximum dose rate	1.4 L/ha
Latest Timing	Before crop emergence

How does **Emerger®** work?

- Aclonifen is an **SPS Inhibitor (group 32)**, a novel mode of action in pulses.
- Aclonifen is taken up by the **shoot of emerging weeds** and translocated to the meristems. The mode of uptake through the shoot, can aid weed control in dry conditions, improving **consistency** of weed control.
- Emerger improves control of annual meadow-grass and black-grass
- Emerger has good activity on fat hen, redshank, black bindweed, mayweeds, charlock, chickweed, poppy.
- For **optimal uptake** and **activity**, **Emerger** should be applied uniformly to the ground surface to form a **homogenous film**. **Friable** and **level seedbeds** aid efficacy.



Emerger® Weed Spectrum

The table summarises spectrum at 900g/Ha Aclonifen. The approved maximum individual dose of Emerge in field beans and combining peas is 1.4 L/Ha, which delivers 840g/Ha Aclonifen. Bayer CropScience recommends partnering Emerger with another herbicide which has additional activity on Cleavers, Crane's-bill's, Groundsel, Solanum's and Umbellifers, to extend the spectrum of weed control.

Susceptible	Moderately Susceptible	Poor Control	No Control
// Charlock	// Annual meadow-grass	// Crane's-bill, cut-leaved	// Black-nightshade
// Chickweed	// Black bindweed	// Groundsel	// Bur Chervil
// Fat hen	// Cleavers	// Speedwell, Ivy-leaved	// Creeping thistle
// Mercury, annual	// Field Pennycress	// Field Pansy	// Fumitory
// Persicaria, pale	// Red Dead-nettle		// Fool's parsley
// Sowthistle, smooth	// Mayweed, Scented		// Hedge parsley
// Small nettle	// Mayweed, Scentless		// Shepherd's needle
// Sun spurge	// Pineappleweed		// Wild carrot
// Vol. OSR	// Poppy		// (Umbelliferae &
	// Redshank		// Solanaceae)
	// Shepherds Purse		
	// Sowthistle, smooth		
	// Speedwell, C.F.		
	// Wild Radish		

Emerger® Additional Information

- Emerger may be used on **all commercial varieties** of field bean and combining pea.
- There are **no soil type restrictions** when using Emerger.
- UK trials shown **robust weed control** from a range of Emerger tank mixes and good crop safety when mixed with appropriate doses of approved herbicide partners.
- In spring 2024, Bayer will support physical compatibility of Emerger in pulses, with **one** of the herbicides listed the [tank mix sheet](#).
- Emerger must be applied **pre-emergence** of the crop, ideally within 48 hours of drilling
- Apply via a horizontal boom sprayer, in 200 to 400 litres of water per hectare as a MEDIUM spray.
- Maintain **constant agitation** of any tank mix containing Emerger during filling, transportation and spraying. **Avoid drift** to crops sensitive to Aclonifen, which include sugar beet, brassicas and stem vegetables.
- For more guidance on following crops, tank mix partners and best practice for filling, mixing and spraying Emerger, please visit our [website](#) or contact your local CTM.