

With the increased amount of winter and spring beans drilled for last harvest, volunteer beans may be a greater problem this autumn in winter wheat and winter barley. Not only will these compete with the crop for yield, but also shade weeds from herbicides, act as a reservoir for pests and disease, and potentially cause quality issues at harvest.

Volunteer Control Weed Chart

Crop: Weed	Cereals		Oilseed Rape
	Spitfire*	Broadway Star	Kerb Flo 400/ ASTROKerb
Barley		Variable~	S -up to established
Beans	6 etl**	S <flower buds	
Borage	4 etl	4 etl	-
Linseed	MS	6 etl	-
OSR	6 etl	6 etl	
Peas	6 etl**	4 - 6 etl	-
Potatoes	MS	MS	-
Tame oats		GS 24#	S -up to established
Weed beet (from seed)	4 etl	4 etl	-
Wheat			S -up to established

Key: etl – established true leaves; **bold** - label weeds; S – Susceptible/ max size controlled; MS - Moderately Susceptible; * 0.75 L/ha autumn use rate; ** With adjuvant - see box below; # see box below for varietal information on tame oat control with pyroxsulam; ~ Vol. barley control is variable and will be incomplete; Non-Label weeds listed as an indication of the effect that would be expected to be achieved based on limited data.

Volunteer Bean Control with Spitfire

Not only are volunteer beans competitive with the crop, their presence in cereals can also cause problems for contact graminicides as large leafy bean volunteers can shade grassweeds and reduce control. Revocation of existing products means new solutions such as Spitfire are needed for this weed. Autumn is the best time to control volunteer beans. For volunteer bean control with Spitfire:

- Use 0.5 L/ha + adjuvant^φ – up to 4 etl
- Use 0.75 L/ha – up to 4 etl
- Use 0.75 L/ha + adjuvant – up to 6 etl

^φSupported adjuvants: Phase II and Torpedo



#Volunteer Oats and Broadway Star

- Irrespective of variety (winter/spring) for all ALS-inhibitor chemistry control declines at GS 30
- Optimum prior to tillering, mid-tillering at latest
- Broadway Star will control for the following varieties up to GS 24
 - Bastion, Fusion, Gerald, Grafton, Hendon, Mascani
- Balado and Dalguise difficult to control even at early growth stages
 - At GS 12-13 MS at best
- No specific tested spring variety showed consistent tolerance

