



Technical Update 17

Checklist of fungicides, insecticides, & molluscicides for broad, green & runner beans

January 2025

Fungicides											
Active ingredient	Approved product	Harvest interval days (BBs)	Harvest Interval days (GBs, RBs)	Restrictions of use	Ascochyta	Bean rust	Botrytis	Chocolate spot	Damping-off	Downy mildew	Sclerotinia
<i>azoxystrobin</i>	Various	14	7 (GBs only)	Not approved in RBs	●	●	●	●			●
<i>boscalid + pyraclostrobin</i>	Signum (EAMU 20121009, 15/03/2028)	14	NA	Not approved in GBs and RBs.		●	●	●			
<i>cyprodinil + fludioxonil</i>	Botrefin, Clayton Creed, Clayton Gear, Lever, Ludo, Modif, Reversal, Shift, Switch, Symchanger WG	14*	14*	*= 28 days if harvesting dry	●		●	●			●
<i>difenoconazole + fluxapyroxad</i>	Perseus (EAMU 20193285 , 30/11/2027)	7	7	Apply from BBCH 20 (9 or more leaves unfolded) to BBCH 89 (fully ripe: pods ripe (beans hard))	●	●	●			●	●
<i>fludioxonil</i>	Prepper	ST	ST								
<i>metconazole</i>	Caramba (EAMU 20111835, 15/09/2027), Sunorg Pro (EAMU 20111928, 15/09/2027)	14	NA	Not approved in GBs or RBs. Do not treat during flowering.		●		●			
<i>sulphur</i>	Vertipin (EAMU 20240135, 15/10/2028)	1	NA	Apply between April (BBCH 30) and September (BBCH 79)						●	
<i>tebuconazole</i>	Folicur, Tebucur 250, Teson, Tesoro. Tubosan** (EAMUs)	NS	NS	Up to and including 9 or more leaves unfolded and before 1st side shoot visible.(BBCH 20). Apply Toledo from the early flower stage (BBCH 61)		●	●	●			

● = Target NS= None Stated NA= Not approved ST = seed treatment

Insecticides & molluscicides										
Active ingredient	Approved product	Harvest interval days (BBs)	Harvest interval days (GBs RBs)	Restrictions of use	Aphid	Bean seed fly	Bruchid beetle	Caterpillars (Silver Y)	Pea and bean weevil	Slugs and snails
<i>acetamiprid</i>	Insyst (EAMU 1285/23)	14*	14	*28 days HI for broad beans harvested dry. Not after 50% of pods at final size (GS 75 BBCH) or before enclosed bud.	●		●			
<i>cyantraniliprole</i>	Minecto One (EAMU BB 1664/20)	3	NA	Risk to bees. Must not be used during flowering.	●		●			
<i>cypermethrin</i>	Various	NA	7	Risk to bees. Must not be used during flowering.					●	
<i>deltamethrin</i>	Decis Forte, Decis Protech**, Delta, Tecsis	7	7	**Product to use in GBs and RBs (EAMU)			●		●	
<i>fatty acids C7-C20</i>	Flipper (EAMU)	NS	NS	7 days between applications. A minimum interval of 28 days between each block of 3 applications. Apply between 1st March and 30th August.	●					
<i>ferric phosphate</i>	Various	1	0-1							●
<i>flonicamid</i>	Teppeki (EAMU BB 1730/24)	14	14	Apply at BBCH 16-59 or BBCH 71-75 not during flowering. 1 application only.	●					
<i>lambda-cyhalothrin</i>	Hallmark with Zeon Technology, Markate 50 (All EAMU's)	3	7				●	●	●	
<i>pirimicarb</i>	Aphox***, Clayton Pirimicarb, Jaspin (BBs only), Pomona BB	3	3	*(Full approval for BB) **(EAMU for GB/RB) Do not apply before BBCH 51 1 st flower buds visible Must be applied between 1 st May - 31 st August. 1 application only.	●					
<i>pyrethrins</i>	Spruzit	7	7		●					
<i>maltodextrin</i>	Majestik, Eradicoat, Terminus	1	1	Risk to bees. Must not be used during flowering.	●					
<i>spinosad</i>	Tracer	NA	3 (GB's only)	Not approved in runner beans.	●	●				

● =Target NS= None Stated NA = Not approved

1. Check product label for manufacturers recommendations.
2. Check with the processors before using on a crop for processing.
3. Many of these products are not eligible for buffer zone reduction under the Local Environmental Risk Assessment for Pesticides (LERAP) scheme.

The information in this publication must not be reproduced without the express written permission from the PGRO. Information disseminated by the Processors & Growers Research Organisation is given after the exercise of all possible care in compilation, preparation and issue but is provided without liability in its application or use.

Processors & Growers Research Organisation

The Research Station, Great North Road, Thornhaugh, Cambridgeshire PE8 6HJ, UK
Chief Executive: Roger Vickers **Tel:** +44 (0)1780 782585 **email:** info@pgro.org **www:** pgro.org
 Company Limited by Guarantee - Registered in London No. 567232. Registered Charity No 284077. VAT Reg No 281 7742 37GB