



## Technical Update 17

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

January 2024

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 1009/12)	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 3285/19)	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>metalaxyl-M</i>	SL 567A (EAMU 0696/23)	14	NA							●	
<i>metconazole</i>	Caramba (EAMU), Sunorg Pro (EAMU)	14	NA	Not approved in GBs or RBs. Do not treat during flowering.		●		●			
<i>sulphur</i>	Vertipin	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	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>alpha-cypermethrin</i>	Fasthrin 10 EC, Hi-Aubin	7	NA	Risk to bees. Must not be used during flowering.					●	
<i>cyantraniliprole</i>	Minecto One (EAMU)	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>	CMI Delta 2.5 EC, Decis Forte, Decis Protech**, Deltason-D, 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)	NA	14	Apply at BBCH 16-59 or BBCH 71-75 not during flowering. 1 application only.	●					
<i>lambda-cyhalothrin</i>	Clayton Lanark, Hallmark with Zeon Technology, Markate 50 (All EAMU's)	3	7				●	●	●	
<i>pirimicarb</i>	Aphox*/**, Clayton Pirimicarb, Jaspin (BBs only)	3	3	*(Full approval for BB) **(EAMU for GB/RB) Do not apply before BBCH 51 1 <sup>st</sup> flower buds visible Must be applied between 1 <sup>st</sup> May - 31 <sup>st</sup> 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.

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