



## Technical Update 17

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

January 2023

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)	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)	7	7	Apply from BBCH 20 (9 or more leaves unfolded) to BBCH 89 (fully ripe: pods ripe (beans hard))	●						
<i>metalaxyl-M</i>	SL 567A (EAMU)	14	NA							●	
<i>metconazole</i>	Caramba (EAMU), Sunorg Pro (EAMU)	14	NA	Not approved in GBs or RBs		●		●			
<i>tebuconazole</i>	Folicur, Tebucur 250, Teson, Tesoro. Erase**, Fathom**, Tubosan** (EAMUs)	NS	NS	Up to and including 9 or more leaves unfolded and before 1st side shoot visible.(BBCH 20)		●	●	●			

● = Target    NS= None Stated    NA= Not approved

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>alpha-cypermethrin</i>	Alert, Ceranock, Contest, Eribea, Fastac, Fastac ME, 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			●		●	
<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. One application only.	●					
<i>lambda-cyhalothrin</i>	Clayton Lanark, Hallmark with Zeon Technology, Markate 50	7	7				●	●	●	
<i>pirimicarb</i>	Aphox, Clayton Pirimicarb, Pomona (EAMUs for GBs, RBs), Jaspin, (BBs only)	3	3	Do not apply before BBCH 51 1 <sup>st</sup> flower buds visible. Must be applied between 1 <sup>st</sup> May and 31 <sup>st</sup> August. One application only.	●					
<i>pyrethrins</i>	Spruzit	7	7		●					
<i>spinosad</i>	Tracer (EAMU for GBs)	NA	3 (GBs only)	Risk to bees. Must not be used during flowering.				●		

●=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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