



## Technical Update 17

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

June 2021

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 (GB only)	Not approved in RB's	●	●	●	●			●
<i>boscalid + pyraclostrobin</i>	Signum (EAMU 1009/12)	14	NA	Not approved in GB's or RB's				●			
<i>cymoxanil + fludioxonil + metalaxyl-M</i>	Wakil XL (EAMU 1259/20)	ST	ST	Do not sow between 29 September and 1 April. Authorisation of Wakil XL seed treatment for outdoor use is being withdrawn in Great Britain and seed cannot be treated after 30th June 2021. Seed treated before 30 June may continue to be sown outdoors in Great Britain after that date.	●				●	●	
<i>cyprodinil + fludioxonil</i>	Botrefin, Button, 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)	NA	7	Not approved in BB's. Apply from BBCH 20.	●						
<i>metalaxyl-M</i>	SL 567A (EAMU 1899/20)	14	NA							●	
<i>metconazole</i>	Caramba (EAMU 1835/11), Sunorg Pro (EAMU 1928/11)	14	NA	Not approved in GB's or RB's		●		●			
<i>tebuconazole</i>	Folicur only in broad beans (EAMU 2203/16) ; Erase (EAMU 1756/19) and Fathom (EAMU 0831/19) in GB's	NS#	NS#	# up to and including 9 or more leaves unfolded and before 1 <sup>st</sup> side shoot visible		●	●	●			

● = Target

ST = seed treatment

NA = Not approved

NS = Not stated

Insecticides & molluscicides										
Active ingredient	Approved product	Harvest interval days (BB)	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	Do not apply during flowering. Not Approved in GB's or RB's					●	
<i>cyantraniliprole</i>	Minecto One (EAMU 1664/20)	3	NA	Do not apply during flowering	●		●			
<i>cypermethrin</i>	Various	NA	7	Not Approved in BB's. Do not apply during flowering.					●	
<i>deltamethrin</i>	Bandu, CMI Delta 2.5 EC, Decis Forte, Decis Protech, Deltason-D, Tecsia	7	7 X	X = only Decis Protech approved in GB's and RB's (EAMU 0678/19)			●		●	
<i>flonicamid</i>	Teppeki (EAMU 2697/20)	NA	14	Not Approved in BB's. Apply at BBCH 16-59 or BBCH 71-75 (not during flowering). 1 application only.	●					
<i>ferric phosphate</i>	Various	NS	0-1							●
<i>lambda-cyhalothrin</i>	Clayton Lanark (EAMU's 3764/06 BB's, 3758/06 GB and RB), Hallmark with Zeon Technology (EAMU's 0753/06 BB's, 0739/06 GB and RB), Markate 50 (EAMU's 3234/07, 0202/08 GB and RB)	3	7				●	●	●	
<i>metaldehyde</i>	Various	NS	NS	Final use dates are between 30 September 2021 and 31 March 2022						●
<i>pirimicarb</i>	Aphox (EAMU 2152/18 for GB's and RB's), Clayton Pirimicarb (BB's only), Pirimate 500 (BB's only), Pomona (BB's only)	3*	3 *	* Do not apply before GS51 – 1 <sup>st</sup> flower buds visible. A single application only. Must be applied between 1 <sup>st</sup> May and 31 <sup>st</sup> August.	●					
<i>spinosad</i>	Tracer (GB only) EAMU 0103/15	NA	3 (GB only)	Do not apply 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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