DRY BEANS					DISEASES									INSECTS				
SEED TREATMENT PRODUCT (*trade name,* active ingredient)		**Page in *Guide to Field Crop Protection***	Fungicide Group	Insecticide Group	General Seed/Root/Seedling Rots/Blights	Anthracnose (seed-borne) (*Colletotrichum* spp.)	Aphanomyces root rot (early-season) (*Aphanomyces euteiches*)	Ascochyta blight (*Ascochyta* spp.)	*Botrytis* spp. (seed and/or soil-borne)	*Fusarium* spp. (seed and/or soil-borne)	*Pythium* spp. (soil-borne)	*Rhizoctonia solani* (soil-borne)	White mould (*Sclerotinia sclerotiorum*)	Armyworm	Cutworm	Pea leaf weevil	Seedcorn maggot	Wireworm
Apron Advance	fludioxonil, metalaxyl-M and S-isomer, thiabendazole	654	1, 4, 12	-		•				•	•	•						
Apron Maxx + Vibrance 500 FS (co-pack)	fludioxonil, metalaxyl-M and S-isomer, sedaxane	655	4, 7, 12	-		•				•	•	•						
Cruiser 5FS	thiamethoxam	659	-	4A													•	•
EverGol Energy	penflufen, prothioconazole, metalaxyl	669	3, 4, 7	-					•	•	•	•						
Heads Up Plant Protectant	saponins of *Chenopodium quinoa*	672	NC	-								S	S					
Stress Shield 600	imidacloprid	674	-	4A														•
Insure Pulse	pyraclostrobin, fluxapyroxad, metalaxyl	679	4, 7, 11	-		S		•	S	•	•	•						
INTEGO Solo Fungicide	ethaboxam	680	22	-			S				•							
Lumivia CPL	chlorantraniliprole	687	-	28										•	•	•		
Allegiance FL, Belmont 2.7 FS, Telex Fungicide	metalaxyl	691	4	-							•							
Obex, Viking Grimstad	trifloxystrobin, metalaxyl	710	4, 11	-	•					•	•	•						
Rancona Trio	ipconazole, carbathiin, metalaxyl	696	3, 4, 7	-	•		•		•	•	•							
Trilex EverGol	penflufen, trifloxystrobin, metalaxyl	711	4, 7, 11	-				S	•	•	•	•						
Trilex EverGol SHIELD	penflufen, trifloxystrobin, metalaxyl, imidacloprid	712	4, 7, 11	4A				S	•	•	•	•						•
Vibrance Maxx RFC	fludioxonil, metalaxyl-M and S-isomer, sedaxane	714	4, 7, 12	-		•				•	•	•						
Vibrance Maxx RTA	fludioxonil, metalaxyl-M and S-isomer, sedaxane	714	4, 7, 12	-		•				•	•	•						
Vibrance Maxx RFC with *INTEGO*	fludioxonil, metalaxyl-M and S-isomer, sedaxane, ethaboxam	716	4, 7, 12, 22	-		•	S			•	•	•						
Vibrance Total	fludioxonil, metalaxyl-M and S-isomer, sedaxane, thiabenazole, picarbutrazox	717	1, 4, 7, 12, U17	-	•	•				•	•	•	•					
Vitaflo Brands	carbathiin, thiram	721	7, M3	-		•						•						
Zeltera Pulse	ethaboxam, mandestrobin, metalaxyl, inpyrfluxam	724	4, 7, 11, 22	-	•	S	S	S	S	•	•	•	S					
Zeltera Pulse (co-pack)	ethaboxam, mandestrobin, metalaxyl, inpyrfluxam	723	4, 7, 11, 22	-	•[2]		S			•[2]	•	•[2]						

1. Product does not specify causal pathogen

2. Refer to label for expectations for control vs. suppression

• - Control. S - Suppression.

Refer to respective product labels for the most up-to-date information.