










We have Clubroot's Number.

All newly registered Brevant® seeds canola hybrids include industry-leading clubroot sources to help manage this growing disease threat to Western Canadian farmers.

The Clubroot ratings, by canola hybrid below with specific pathotype information, can help growers make informed decisions on canola hybrid seed purchases for their farm.

Growers need to rotate CR hybrids to manage Clubroot. For example: Rotate from a CR6/CR6+ product to either CR3/CR7/CR8 product.

Herbicide Trait	Canola Hybrids	Corteva CR Groups*	Clubroot Pathotypes												
			Initial Pathotypes					New Pathotypes				2020 Pathotypes			
			2F	3H	5I	6M	8N	3A	3D	5X	2B	11A	8E	9C	9E
 Nexera	1028 RR	CR1	R	R	R	R	R	S	S	S	S	S	S	S	S
 LIBERTY LINK	B3012, B3014	CR1	R	R	R	R	R	S	S	S	S	S	S	S	S
 optimum ^{GLY}	B4015	CR3	R	R	R	R	R	R	R	R	R	R	S	S	R
 LIBERTY LINK	B3010M	CR3	R	R	R	R	R	R	R	R	R	R	S	S	R
 LIBERTY LINK	B3016	CR6+	R	R	R	R	R	R	R	R	R	R	R	R	R
 LIBERTY LINK <small>NEW</small>	B3019	CR6+	R	R	R	R	R	R	R	R	R	R	R	R	R
 LIBERTY LINK <small>NEW</small>	B3020	CR6	R	R	R	R	R	R	R	S	R	R	R	S	S
 LIBERTY LINK Nexera	B3017N	CR7	R	R	R	R	R	R	R	S	R	S	R	S	S
 LIBERTY LINK Nexera <small>NEW</small>	B3018N	CR8	R	R	R	R	R	R	R	S	R	S	R	S	S

■ Resistant
■ Susceptible
■ Not yet tested

*CR groups contain different Clubroot resistant gene packages
CR6+ = Higher level of Clubroot trait expression



Plants showing galls on roots from a canola hybrid with CR1 Clubroot resistance planted on a field with significant clubroot pathotype race shift.



Pictures of race shift in Alberta.
 Source: Photo taken July, 2022 near Camrose, AB