

BRAND	High Oleic ¹	NuSun® ¹	Dehulling ¹	Birdseed ¹	Relative Maturity	Downy Mildew Resistance ²	Phomopsis	Sclerotinia	Height	Root Strength	Stalk Quality	Dry down	Drought Tolerance	Oil Content	Oleic Content	Common Planting Seed Size	Population (RTP) ³	Response to Nitrogen (RTN) ³	Response to Fungicide (RTF) ³	Response to ³
EXRESSSUN® SUNFLOWER																				
CP432E		•	•	•	87	PL 8	2	3	Short	3	2	1	2	4	NA	2, 3, 4	M	M	H	
CP4909E		•		•	91	-	3	3	Short	2	2	1	3	3	NA	2, P3, 3, 4	M	H	NA	
CP4475E	•		•	•	92	PL 6,8	1	2	Tall	3	2	1	2	2	1	2, 3, 4	L	M	M	
CP4255E	•		TBD	•	93	PL 2,6,8	1	2	Med-Tall	2	2	2	2	2	1	2, 3, 4	L	M	L	
CP455E	•		•	•	93	PL 6	3	2	Medium	3	2	1	2	3	2	2, 3, 4	L	M	L	
CP450E	•		•	•	94	PL 8	2	2	Medium	1	1	2	1	4	2	2, 3, 4	M	L	L	
CP4157E	•		•	•	95	PL 6	1	2	Tall	4	2	2	4	3	1	3, 4	L	M	L	
NEW CP4490E	•		TBD	•	95	M9	NA	1	Medium	2	2	1	1	4	1	3, 4	L	L	M	
CLEARFIELD® SUNFLOWER																				
CP5220CLSS	•		TBD	•	79	PL 6	1	NA	Very Short	1	1	1	1	4	3	3, 4	H	NA	NA	
CP5249CL	•		TBD	•	86	PL 15	NA	3	Short	1	2	1	1	1	1	2, 3, 4	M	M	L	
CP5045CL		•	TBD	•	95	PL 6,17	3	3	Medium	1	1	3	1	2	NA	2, 3, 4	M	H	M	
CP7919CL	•		•	•	97	PL 6	1	4	Medium	2	2	3	2	2	2	2, 3, 4	L	H	M	
CONVENTIONAL SUNFLOWER																				
CP3845	•		•	•	92	-	4	5	Med-Short	3	2	2	2	1	1	3, 4	NA	NA	NA	

KEY Scale

- 1 = Excellent
- 2 = Strong
- 3 = Acceptable
- 4 = Manage
- 5 = Not Recommended

Product descriptions and ratings are generated from Answer Plot® trials and/or from the genetics supplier and may change as additional data is gathered.

1 Market Options

Grain not guaranteed to be sold in your area.

Due to factors outside our control, WinField United does not guarantee oleic levels.

TBD = still in testing.

2 Downy Mildew Resistance

PI 2 gene = This gene is resistant to some of the early races of downy mildew, but it is susceptible to most of the common races found today.

PI 6 gene = This gene is resistant to races prevalent before 2009; it is susceptible to races 314, 704, 714, 734 and 774.

PI 8 gene = This gene can get infected, but then stops downy mildew from advancing or having an economic impact on all common races.

PI 15 gene = This gene is exclusive to CROPLAN® hybrids and is resistant to all known races of downy mildew.

PI P gene = Proprietary gene developed to control all known races of downy mildew.

PI 17 gene = Advanced control, resistant to all known races of downy mildew.

M9 gene = Broad spectrum resistance to races: 100, 304, 307, 314, 334, 703, 704, 710 and 714.

3 RTN/RTF/RTF Ratings

- L = Low Response
- M = Moderate Response
- H = High Response