



SUNFLOWER

BRAND

ExpressSun® Sunflower

	High Oleic 1	NuSun® 1	Dehulling 1	Birdseed 1	Days to Maturity	Downy Mildew Resistance 2	Phomopsis	Sclerotinia	Height	Root Strength	Stalk Quality	Drought Tolerance	Dry down	Oil Content	Oleic Content	Common Planting Seed Size	Response to Population (RTP) 3	Response to Nitrogen (RTN) 3	Response to Fungicide (RTF) 3	Response to RTF 3
CP432E			●	●	●	87	PI 8	2	3	Short	3	2	1	2	4	NA	2, 3, 4	M	M	M
CP450E	●			●	●	94	PI 8	2	2	Medium	1	1	2	1	4	2	2, 3, 4	M	L	L
CP455E	●			●	●	93	PI 6	3	2	Medium	3	2	1	2	3	2	2, 3, 4	L	M	L
CP4909E			●		●	91	NA	3	2	Short	2	2	1	3	3	NA	2, P3, 3, 4	M	H	NA
CP4157E	●			●	●	95	PI 6	1	2	Med-Tall	4	2	2	4	3	1	3, 4	L	M	M
CP4255E	●		TBD		●	93	PI 2,6,8	1	2	Med-Tall	2	2	2	2	2	1	2,3, 4	L	M	NA
CP4475E	●		TBD		●	92	PI 6,8	1	2	Tall	2	2	1	2	2	1	2,3, 4	L	M	NA
NEW CP4490E	●		TBD		●	96	M9	NA	1	Tall	2	2	1	1	4	1	3,4	L	L	NA

Clearfield® Sunflower

CP5220CLSS	●		TBD		●	79	PI 6	1	N/A	Super Short	1	1	1	1	4	3	3, 4	H	NA	NA
CP5045CL		●	TBD		●	95	PI 6,17	3	3	Med-Short	1	1	3	1	2	NA	2, 3, 4	M	H	M
CP545CL		●			●	94	PI 6	3	2	Short	1	1	3	2	2	NA	2, P3, 3, 4	NA	NA	NA
CP549CL		●			●	95	PI 15	1	1	Med-Tall	NA	3	2	1	2	3	P3, 3, 4	NA	NA	NA
CP568CL	●					99	PI 6	1	5	Med-Tall	NA	2	3	1	1	2	3,4	NA	NA	NA
CP7919CL	●				●	97	PI 6	1	4	Medium	2	2	3	2	2	2	2, 3, 4	L	H	H
NEW CP5249CL	●		TBD		●	86	PI 15	NA	3	Short	1	2	1	1	1	1	NA	M	M	NA
NEW CP5242CL	●		TBD		●	86	PL 15	NA	2	Short	2	2	1	2	1	1	NA	NA	NA	NA
NEW CP5238CL	●		TBD		●	89	PL 6	NA	3	Med	2	2	1	1	1	1	NA	NA	NA	NA

Conventional Sunflower

CP3845	●			●	●	92	NA	4	5	Med-Short	3	2	2	2	1	1	3, 4	NA	NA	NA
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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