

Fact Sheet



CLEARFIELD canola

- With the CLEARFIELD® Production System for Canola, growers can now grow high-yielding hybrids with the convenience and financial benefits of one herbicide application, with flushing weed control and re-cropping flexibility across all soil zones in western Canada.
- Four high-yielding CLEARFIELD canola hybrids will be available in 2008 – 45P70 from Proven® Seed, 45H73 from Pioneer® Hi-Bred, CANTERRA® 1651H through Univar, and 71-30 CL from DEKALB®.
- Four specialty-trait Nexera™ canola varieties with CLEARFIELD technology will be available in 2008 – Nex 828 CL, Nex 830 CL, Nex 840 CL and Nex 845 CL.
- With the CLEARFIELD Production System for Canola, growers only need to spray the custom designed CLEARFIELD herbicide (ODYSSEY® DLX*, ODYSSEY, SOLO™ or ABSOLUTE®) of their choice once.

*Application made for registration of ODYSSEY DLX on CLEARFIELD canola

CLEARFIELD Canola Hybrids:

Cultivar	1651H NEW	45P70	45H73	71-30 CL NEW
Seed Company	CANTERRA	Proven Seed	Pioneer Hi-Bred	DEKALB
Height	2.4 inches taller*	Medium	Medium	Medium
Lodging Resistance	Excellent	Very good	Very good	Excellent
Maturity	0.1 days later*	Early-mid	Early-mid	Early-mid
Blackleg Resistance	Resistant	Resistant	Resistant	Resistant
<i>Fusarium</i> Wilt Resistance	Resistant	Resistant	Resistant	Resistant
Yield	121% of check*	119% of check*	119% of check*	115% of check*

* Height and yield is based on check being Q2/46A65; height check of 42 inches; maturity check of 105 days; results may vary by farm

NEXERA Canola Varieties:

Variety	Nex 828 CL	Nex 830 CL	Nex 840 CL NEW	Nex 845 CL NEW
Seed Company	Dow AgroSciences	Dow AgroSciences	Dow AgroSciences	Dow AgroSciences
Height	Medium-tall	Medium-tall	Medium – shorter than Nex 828 CL	Medium – shorter than Nex 830 CL
Lodging Resistance	Very good	Very good	Very good	Very good
Maturity	Four days later than Q2/46A65	Five days later than Q2/46A65	Two days earlier than Nex 828 CL in the MSZ	One day earlier than Nex 830 CL in the LSZ; Similar to Nex 828 CL in the MSZ
Blackleg Resistance	Resistant	Resistant	Medium resistant	Medium resistant
Early Season Vigour	Good	Good	Good	Good
<i>Fusarium</i> Wilt Resistance*	Resistant**	Susceptible**	Resistant**	Resistant**
Yield	107% of Q2/A46A65	116% of Q2/A46A65	Similar to Nex 828 CL	Similar to Nex 830 CL

* Currently there is no industry standard rating system for *Fusarium* wilt. The canola industry (including Dow AgroSciences) is investing in research on *Fusarium* wilt in effort to develop a standardized rating system for the future

** This Dow AgroScience assessment is based on limited inoculated small plot trials and greenhouse data

CLEARFIELD Canola Herbicides:

- ODYSSEY DLX
 - New for CLEARFIELD canola, application for registration has been made
 - Premium grassy weed control with two modes of action for heavy grass infestations
 - Includes control of volunteer CLEARFIELD wheat
 - Flushing weed control including chickweed, cleavers, green foxtail, redroot pigweed, shepherd's-purse, stinkweed, stork's-bill, volunteer canola and wild mustard
- ODYSSEY
 - Just the right amount of flushing weed control
 - Convenience and financial benefits of one application
 - Flushing weed control including cleavers, green foxtail, redroot pigweed, shepherd's-purse, stinkweed, stork's-bill, volunteer canola and wild mustard
- SOLO
 - The most follow-crop flexibility
 - Reliable control of tough grassy weeds
 - Targeted control of broadleaf weeds
 - Follow-crop options including all canola types and flax

- ABSOLUTE
 - Total spectrum weed control of tough broadleaf weeds (including Canada thistle and wild buckwheat) and grassy weeds
 - Control of perennial sow thistle (top-growth control for 6-8 weeks)
 - Flushing weed control including cleavers, redroot pigweed, shepherd's-purse, stinkweed, stork's-bill, volunteer canola and wild mustard

Fungicides:

- LANCE[®] fungicide
 - For protection against *Sclerotinia*
 - Systemic fungicide with a unique mode of action
 - Superior crop safety
 - Provides optimal disease control when used in a preventative spray program
 - Applications should be timed to provide the greatest possible protection during the complete flowering stage

For more information:

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Always read and follow label directions.

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