

Canola Variety Selection

Mike Stamm

Associate Agronomist / Canola Breeder

Department of Agronomy

Kansas State University

785-532-3871

mjstamm@ksu.edu

Follow @ksucanola on Twitter

Follow @KStateAgron on Twitter

- Select an open pollinated (OP) variety or hybrid that fits your management style and the needs of your farm
- Traits to consider:
 - winter survival
 - yield
 - oil content and quality
 - maturity
 - lodging and shatter tolerance
 - herbicide resistance and/or carryover tolerance
 - disease resistance

- 100,000 to 125,000 seeds/lb (sometimes greater)
- Cost of seed
 - Conventional (with seed treatment)
 - \$150/unit
 - \$3.00/lb
 - \$15/acre at a 5 lb/acre seeding rate
 - Roundup Ready
 - \$275 to \$290 per unit
 - \$5.50/lb to \$5.80/lb
 - \$27.50 to \$29.00/acre at a 5 lb/acre seeding rate

- Increased yield potential (hybrid vigor)
 - Increased pods per area
 - Increased pod number
- Planting date is very important for hybrids
 - Large seed size increases vigor
 - Balance planting date with vigor
- Yield advantage should be large enough to justify increased cost of production

- 65,000 to 90,000 seeds/lb
- Cost is based on pure live seeds (pls) per acre
- Approximate cost example
 - \$15.00 per 100,000 pls
 - 220,000 to 285,000 pls per acre
 - \$33 to \$43 per acre

Herbicide Resistant Cultivars

Name	Brand / Distributor	Plant Type	Release Date	Relative Maturity	Herbicide Resistance
HyCLASS115W	Croplan by WinField	OP	2008	E	RR/SURT**
HyCLASS125W	Croplan by WinField	OP	2010	M	RR/SURT**
HyCLASS154W	Croplan by WinField	Hyb	2008	F	RR
Separator					
DKW41-10	Monsanto/DEKALB	OP	2008	E	RR
DKW44-10	Monsanto/DEKALB	OP	2010	M	RR
DKW46-15	Monsanto/DEKALB	OP	2008	M	RR/SURT**
DKW47-15	Monsanto/DEKALB	OP	2008	M/F	RR/SURT**
Separator					
46W94	DuPont Pioneer	Hyb	2011	M	RR
46W99	DuPont Pioneer	Hyb	2011	M	RR
Separator					
Edimax CL	DL Seeds/Rubisco Seeds	Hyb	2012	M	Clearfield

** Products are tolerant to sulfonylurea (SU) herbicide carryover. Do not apply these herbicides post emerge.

Conventional Hybrids

Name	Brand / Distributor	Plant Type	Release Date	Relative Maturity	Herbicide Resistance
Baldur	DL Seeds / Rubisco Seeds	Hyb	2004	M	---
Dimension	DL Seeds / Rubisco Seeds	Hyb	2007	M	---
Dynastie	DL Seeds / Rubisco Seeds	Hyb	2009	M	---
Flash	DL Seeds / Rubisco Seeds	Hyb	2008	F	---
Hornet	DL Seeds / Rubisco Seeds	Hyb	2007	F	---
Inspiration	DL Seeds / Rubisco Seeds	Hyb	2013	M	---
Safran	DL Seeds / Rubisco Seeds	Hyb	2008	M	---
Sitro	DL Seeds / Rubisco Seeds	Hyb	2007	EM	---
Visby	DL Seeds / Rubisco Seeds	Hyb	2009	M	---
Chrome	MOMONT / Photosyntech	Hyb	2010	M	---

Name	Brand / Distributor	Plant Type	Release Date	Relative Maturity	Herbicide Tolerance
Griffin	K-State / KSU Foundation	OP	2011	M	DP*
KSR07352S**	K-State / Monsanto	OP	2013	M	RR/SU***
KSR07363**	K-State / Monsanto	OP	2013	E	RR
Riley	K-State / Johnston's Seeds	OP	2010	M	---
Sumner	K-State / Johnston's Seeds	OP	2003	E/M	SU***
Wichita	K-State / Johnston's Seeds	OP	1999	M	---
Claremore	High Plains Crop Dev. / Johnston's Seed	OP	2011	F	IMI***

* Dual-purpose forage and grain
 ** May be limited supplies for fall 2014 planting.
 *** Products are tolerant to sulfonylurea (SU) or imidazolinone (IMI) herbicide carryover. Do not apply these herbicides post emergence.

Winter Canola Variety Trials

2014 Texas Locations

Location	Institution	Entries
Chillicothe	Texas A&M AgriLife Research	24
College Station	Texas A&M AgriLife Extension	57
Etter	Texas A&M AgriLife Extension	30
Groom	SGS North America	57
Lubbock	Texas A&M AgriLife Extension	57
Temple	USDA-ARS	15