

# 'Kaseberg'

## Soft White Winter Wheat

Open release, 2012; PVP Pending

Experimental Number: OR2071628

Pedigree: OR981756/NSA 99-0792//ORSS-1757'

**Description:** medium stature; intermediate maturity; excellent straw strength

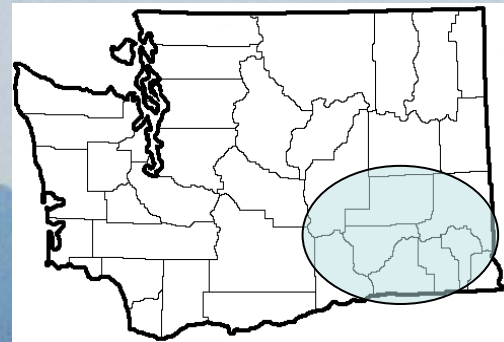
**Strengths:** Excellent yield potential across a range of rainfall zones

Resistant to current races of stripe rust; similar to 'Skiles'

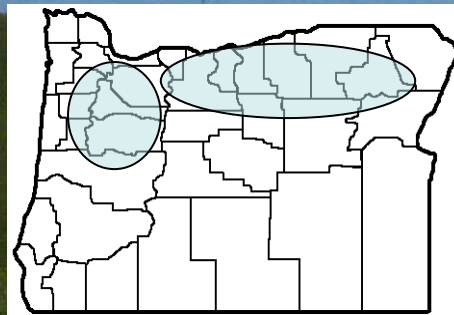
Medium stature, 'Skiles' maturity

Excellent milling and baking quality

**Weaknesses:** Susceptible to strawbreaker footrot, Cephalosporium stripe, Fusarium crown rot, and Soilborne wheat mosaic virus; similar to 'Stephens'



**Primary Adaptation:** Dryland and irrigated production areas of western and eastern Oregon, SE and SC Washington



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## Agronomic and Disease Ratings

Variety	Maturity	Winter hardness*	Stripe	Rust**	Leaf	Septoria**	Soilborne Mosaic Virus**	Crown Rot*	Cephalosporium Stripe**	Pseudocercospora/la Strawbreaker foot rot**
Kaseberg	Midseason	5	R			MR/MS	S	S	MS	S
AP 700 CL	Midseason	5	MR	R	MS	S	S	S	S	MR/MS
Brundage 96	Midseason	5	MR	MS	S	S	S	MS/MR	MS	S
Legion	Midseason	5	MR/R			S	S	MR/MS	S	S
Madsen	Midseason	5	R	MR	MS	S	S	MR/MS	MR	R
Mary	Early-mid	5	MR/MS			S	S	S	S	S
OR2070870	Midseason	5	MR/R			S	R	MS	MR	R
ORCF-101	Midseason	3	R/MR	MS	MS	S	S	MS	MS/MR	S
ORCF-102	Midseason	4	MR/MS	MR	MS/MR	S	S	MR/MS	MR/MS	R
Skiles	Midseason	7	R			S	S	MR	MR	S
Stephens	Early-mid	3	MR	S	S	S	S	S	S	S
Tubbs-06	Midseason	5	MS	MS	MS	MS	S	S	S	R
WB-Junction	Early-mid		MR				S	MR/MS	S	S

\*Scale: 1-10 (10=excellent; 1=poor)

\*\*Scale: R = resistant; MR = moderately resistant; MS = moderately susceptible; S = susceptible

Data were compiled from the following sources: *Winter Grain Varieties for 2003*, Special report 775, Oregon State University Extension Service; 2004 through 2011 Oregon Winter Elite Yield Trial Disease Ratings; and *Variety Characteristics*, Washington State Crop Improvement Association.

# 2010-2011 Oregon Data

Variety	Grain Yield			Agronomic Data			
	Oregon Winter Elite Yield Trials	Low Rainfall	High Rainfall and Irrigated	Test Weight	Grain Protein	Plant Height	Heading Date
	2-Year Mean	2-Year Mean	2-Year Mean	23-Site Years	2-Year Mean	2-Year Mean	2-Year Mean
	23-Site Years	13-Site Years	10-Site Years	Years	Years	Years	Years
	bu/ac	bu/ac	bu/ac	lbs/bu	%	in	DOY*
Kaseberg	108.0	91.2	123.9	59.7	8.8	37.9	157.7
AP 700 CL	99.4	84.1	117.5	60.6	9.3	39.9	156.0
Legion	105.6	90.8	122.1	59.2	8.9	40.6	158.0
Mary	94.5	84.1	108.6	60.4	9.4	36.8	155.6
OR2070870	103.3	85.0	123.1	60.5	9.3	35.7	159.3
ORCF-101	102.3	86.1	120.9	61.2	9.3	38.7	156.3
ORCF-102	90.5	78.9	105.4	59.9	9.1	40.0	157.5
Skiles	102.3	85.0	122.2	61.6	10.0	36.5	158.7
WB-Junction	98.9	86.2	113.3	61.3	9.2	38.6	152.4
Mean	101.9	86.3	119.8	60.3	9.1	38.2	157.0
LSD (0.05)**	2.8	3.4	4.4	0.3	0.2	0.5	0.9
CV (%)	8.7	9.1	8.0	1.5	8.7	4.4	0.9

\*Day of year

\*\*Least significant difference

# 2011 Washington Data

Variety	WSU Variety Trials			
	Precipitation > 20" 5 site-years (bu/ac)	Precipitation 16-20" 5 site-years (bu/ac)	Precipitation 12-16" 5 site-years (bu/ac)	Precipitation < 12" 6 site-years (bu/ac)
Kaseberg	143.0	147.0	115.0	63.0
AP 700 CL	139.0	140.0	95.0	59.0
Legion	156.0	141.0	100.0	64.0
Mary	137.0	146.0	109.0	62.0
ORCF-102	136.0	139.0	114.0	66.0
Skiles	143.0	153.0	124.0	70.0
WB-Junction	146.0	137.0	104.0	67.0
Mean	139.0	139.0	109.0	62.0
LSD <sub>(0,10)</sub> **	4.0	5.0	5.0	3.0
CV (%)	6.0	8.0	10.0	10.0

\*\*Least significant difference