



CASTELLA

SOFT WHITE CLUB WHEAT

Castella, is a tall, awnless soft white club wheat, developed by the USDA-ARS and WSU from a diverse pedigree. Castella combines better stripe rust resistance than ARS Crescent with better test weight and higher grain yields than Bruehl. Castella has good club wheat quality, high test weight and good resistance to low falling numbers, similar to ARS Crescent. Castella is earlier maturing than other current club wheat cultivars and combines unique resistance to Hessian Fly with aluminum tolerance. Castella is competitive in central WA where early maturity is an advantage.

AGRONOMICS

Yield Potential.....	Excellent
Protein	Good
Test Weight	Medium
Maturity	Moderately early
Height.....	Tall for Semi-dwarf
Quality	Excellent

DISEASE RESISTANCE

Stripe Rust.....	Resistant
Strawbreaker Foot Rot	Susceptible
Snow Mold	Susceptible
Cephalosporium Stripe	Moderate Resistance
Hessian Fly	Resistant
Aluminum	Resistant
Falling Numbers.....	Resistant

CASTELLA SOFT WHITE CLUB WHEAT

Four-Year Variety Testing Data from 2016–2019

VARIETY *Club type	<12" YIELD (BU/A)	12–16" YIELD (BU/A)	16-20" YIELD (BU/A)	>20" YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)
Castella*	65	96	111	119	58.6	10.1
Pritchett*	65	96	115	118	58.8	10.2
ARS Crescent*	61	103	111	123	58.7	10.4
Bruehl*	61	101	112	126	58.2	10.8
Coda*	61	102	106	121	60.5	11.3
M-press	68	107	98	112	59.9	9.9
Norwest Duet	65	93	117	125	59.5	10.6
Otto	61	107	112	120	59.7	11.0
Puma	61	106	110	115	59.8	10.8
LSD (0.05)	3	6	9	9	0.3	0.1

<12" Precip Zone (Connell, Harrington, Horse Heaven, Lind, Ritzville, St. Andrews), 2016-2019

12-16" Precip Zone (Almira, Anatone, Creston, Dusty, Lamont, Reardan), 2016-2019

16-20" Precip Zone (Dayton, Mayview, St. John, Walla Walla), 2016-2019

>20" Precip Zone (Colton, Fairfield, Farmington, Pullman), 2016-2019

AVAILABILITY

For seed inquiries
please call:

Washington Genetics
509-659-4020, or
contact your local
seed dealer.

U.S. Plant Variety
Protection status
for this cultivar is
pending. Signed
grower agreements
are required.

