

ND Whitetail

White Kidney Bean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Seed Yield	superior
Plant Type	upright bush
BCMV	resistant
Rust (20-3)	susceptible
Maturity	medium
Canning Quality ¹	5.1

¹ Scale of 1 to 7 where scores 1=unacceptable, 2=poor, 3-4=average, 5-6=above average and 7=excellent.

Strengths

- Intermediate resistance to bacterial blights and white mold
- Superior yield potential
- Excellent seed quality

Comments

ND Whitetail white kidney bean was released in 2019 from the ND Agricultural Experiment Station. ND Whitetail has shown competitive agronomic performance compared to other varieties commonly grown in the region. It has a determinate upright bush growth habit (Type I), white flowers and matures in approximately 101 days. ND Whitetail had higher seed yield compared with other popular white kidney cultivars. ND Whitetail has resistance to Bean Common Mosaic Virus (BCMV) and intermediate resistance to halo blight, common bacterial blight (CBB) and white mold. Canning quality and seed shape/size for ND Whitetail is above average and within acceptable commercial ranges.

Agronomic Performance of ND Whitetail Across 6 Environments in Minnesota

Variety	100 Seed Weight (g)	Days to Maturity	Height (inches)	Halo Blight [^]
ND Whitetail	49.1	101	20	5
Beluga	47.1	103	21	9
Snowdon	53.0	90	17	8
Yeti	48.4	98	19	-

[^]Halo Blight CIAT scale: 1-3=resistant, 4-6=intermediate and 7-9=susceptible

Seed Yield (cwt/acre) of ND Whitetail Compared to Commercial Varieties Across 7 Environments in Minnesota and Michigan

Variety	2016	2017	2018	Avg
ND Whitetail	16.9	26.1	14.7	19.2
Beluga	10.8	22.2	11.5	14.8
Snowdon	15.1	21.3	-	-
Yeti	12.8	-	-	-