



ND ALLISON HRWW



Characteristics

Yield	High
Protein	Good
Winter Hardiness	Excellent

ND ALLISON

ND ALLISON - a new winter wheat variety developed at North Dakota State University (NDSU) in Fargo, North Dakota by Dr. G. Francois Marais and his breeding team. When comparing to the cultivar Jerry, ND Allison has shown to have 1-2 inch shorter straw, similar maturity date, and also exhibits the same strong winter hardiness we see in Jerry. ND Allison is a very high yielding variety with a broad adaptation as demonstrated in the performance of the ND statewide Elite and Variety Trials. This variety is more tolerant of acidic soils. Based on molecular marker data, ND Allison is believed to have the aluminum tolerance locus, TaALMT1, that is located on chromosome 4DL and which may give it an advantage in localities associated with aluminum toxicity. ND Allison is resistant to leaf rust, moderately resistant to moderately susceptible to certain US stem rust races (it is heterogeneous for the presence of Sr24) and moderately resistant to tan spot and SNB. ND Allison has good test weight, good protein and has satisfactory processing quality.

STRENGTHS

- Best Winter Hardiness on the Market
- Gene for Aluminum Toxicity Tolerance



Oat Variety Trial Carrington

VARIETY	DAYS TO HEADING	PLANT HEIGHT (IN.)	LODGING (0-9)	PROTEIN (%)	TEST WEIGHT (LB/BU)	YIELD (BU/A)	PREVIOUS YEAR (BU/A)	3 YEAR AVG (BU/A)
AAC Douglas	43.7	40.8	1.2	12.7	35.2	168.7	88.6	–
Beach	43.7	31.2	2	15	34.7	91.9	39.4	87.9
CS Camden	44	35.2	1.4	13.5	36.6	149.9	72.9	115.7
Deon	46.3	37.3	2	14	35.8	134.1	70.1	110.4
Endure	45.7	37.8	1.8	13.3	35.2	152.3	–	–
Hifi	45.3	32	1.1	14	31.1	87.7	48.6	86.6
Jury	45.7	34.1	3.5	13.5	31.9	103.2	77.3	105
Killdeer	44	31	1	14.3	30.4	105.5	54.1	89
Leggett	44.3	30.7	1.3	14.3	33.5	112.6	61.7	95.3
MN Pearl	45	35.3	1.9	13.1	34.6	128.4	81.7	–
ND Carson	45.3	32.4	2	13	33.2	138.8	61.5	108.1
ND Crema (hull-less)	49.7	39.6	1.8	20	45	79.8	38.3	62.4
ND Heart	45.3	32.2	1	14.5	30.6	86.9	51.1	89.6
ND Spilde	45.3	35.3	2.1	14	30.2	106.5	73.3	102.7
Newburg	46	32.8	1.5	13.2	31.3	120.3	70.9	108.2
Otana	46.3	37.1	2.4	14.5	35.2	91.7	65.3	103.1
Paul (hull-less)	47	40.7	2.7	17.6	40.5	90	38.1	65.1
Rockford	46.3	38.8	1.1	14.2	35.6	115.9	53.3	96.6
SD Buffalo	44.3	37.7	1.2	13.7	34.3	121.8	73	–
AAC Nevel	46.7	32.5	1	13.2	31.6	118.9	–	–
OT7104	48	31.9	1.3	13.6	32.7	118.2	–	–
OT6037	52.3	35.3	2	13.7	26.4	105.8	–	–
Mean	46.4	36	1.7	14.1	34	105.3	62.8	–
CV (%)	1.9	8.9	20.5	3.6	5.1	6.2	15.5	–