



ND WILLIAM OAT

NDSU NORTH DAKOTA
STATE UNIVERSITY



ND WILLIAM

ND Williams is a high-yielding spring oat variety developed at NDSU, delivering up to 27% higher yield than CS Camden in North Dakota trials. It combines excellent test weight, a low proportion of thin kernels, and strong resistance to new races of crown rust, with resistance derived from *A. strigosa*. ND Williams also offers good milling characteristics, making it an excellent choice for both growers and processors. It is well adapted across all oat-growing regions of North Dakota.

Characteristics

Yield High

Test Weight Good

Height Conventional

STRENGTHS

- Low proportion of thin kernels
- Well adapted to North Dakota



AGRONOMIC PERFORMANCE OF ND MILLER AND ND WILLIAMS ACROSS FOUR LOCATIONS IN NORTH DAKOTA IN 2024.

Name	Grain Yield (bu/a)						Test Weight (lb/a)					
	Longdan	Dickinson	Minot	Casselton	Ave.	Rank	Longdan	Dickinson	Minot	Casselton	Ave.	Rank
ND Miller	174.0	113.8	103.5	117.8	127.3	6	38.2	35.3	38.6	36.7	37.2	7
ND Williams	185.9	117.0	123.7	118.6	136.3	3	38.9	34.6	39.3	37.9	37.7	5
AAC Douglas	144.6	123.3	136.6	47.2	112.9	17	34.5	33.4	30.3	27.7	31.5	22
Beach	153.3	120.7	132.5	76.7	120.8	13	41.2	37.3	39.6	38.2	39.1	3
CDC Endure	177.0	131.4	103.9	82.4	123.7	9	36.2	32.8	34.8	32.2	34.0	16
CS Camden	142.6	125.0	119.9	41.6	107.3	21	37.3	33.0	35.7	35.0	35.2	11
Deon	180.1	119.8	145.7	85.9	132.9	4	37.5	34.6	33.5	27.9	33.4	18
HiFi	166.8	121.3	129.4	31.0	112.1	19	36.3	34.6	33.7	30.1	33.7	17
Jury	183.9	128.4	135.8	61.0	127.3	7	35.5	33.4	32.9	25.8	31.9	21
Killdeer	170.7	122.1	142.4	39.9	118.7	14	37.9	34.0	44.0	33.8	37.4	6
ND Spilde	178.2	138.3	157.0	126.8	150.1	1	36.7	32.9	35.4	36.3	35.3	10



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AGRONOMIC PERFORMANCE OF ND MILLER AND ND WILLIAMS ACROSS FOUR LOCATIONS IN NORTH DAKOTA IN 2024.

Name	Days to Head					Plant Height (cm)				
	Longdan	Dickinson	Minot	Casselton	Ave.	Longdan	Dickinson	Minot	Casselton	Ave.
ND Miller	57	68	64	63	63	117	90	108	102	104
ND Williams	58	70	65	62	64	125	88	124	119	114
AAC Douglas	55	67	61	60	61	114	85	109	104	103
Beach	56	66	61	59	61	122	95	108	106	107
CDC Endure	57	71	65	60	63	115	83	102	107	102
CS Camden	61	68	64	61	64	120	84	108	115	107
Deon	58	70	64	60	63	123	88	118	108	109
HiFi	56	69	62	60	62	133	88	117	118	114
Jury	56	66	62	59	61	103	85	100	98	96
Killdeer	58	66	63	60	62	113	86	110	98	102
ND Spilde	57	67	62	60	61	124	84	110	106	106

AGRONOMIC PERFORMANCE OF ND MILLER AND ND WILLIAMS ACROSS FIVE LOCATIONS IN NORTH DAKOTA IN 2023.

Name	Grain Yield (bu/a)							Test Weight (lb/a)						
	Langdon	Dickinson	Hettinger	Fargo	Casselton	Ave.	Rank	Langdon	Dickinson	Hettinger	Fargo	Casselton	Ave.	Rank
ND Miller	138.4	135.0	122.7	144.2	107.9	129.6	12	39.2	39.4	37.9	39.5	41.7	39.5	3
ND Williams	139.4	135.3	152.2	128.0	112.9	133.6	7	36.9	39.1	37.7	37.9	42.4	38.8	6
AAC Douglas	156.2	172.4	174.6	139.9	132.2	155.1	1	36.9	37.2	36.0	37.8	41.0	37.8	11
Beach	119.4	123.1	135.0	122.0	96.3	119.1	18	40.9	40.3	38.3	41.7	43.7	41.0	1
CDC Endure	153.1	175.5	160.7	133.3	127.3	150.0	2	35.7	38.1	36.9	35.3	38.0	36.8	18
ND Spilde	148.1	127.2	130.3	123.7	95.4	124.9	15	38.5	37.0	34.9	36.6	39.2	37.2	16
ND Carson	148.0	153.8	140.2	127.1	132.7	140.3	4	37.7	38.6	35.8	36.5	41.2	37.9	9
CS Camden	142.6	161.2	164.3	120.1	117.5	141.1	3	34.1	36.5	34.7	35.5	39.9	36.2	20
Deon	144.9	132.3	130.5	139.1	120.4	133.4	8	37.4	38.7	36.9	38.8	41.7	38.7	8
HiFi	137.2	145.1	119.7	110.3	100.0	122.5	16	36.6	38.8	35.3	35.8	39.5	37.2	17
Jury	139.7	138.3	126.2	127.2	108.1	127.9	13	36.8	37.7	35.9	35.7	40.9	37.4	15
Killdeer	128.0	149.3	140.8	113.5	126.7	131.7	10	35.0	37.4	36.2	34.9	39.4	36.6	19
Leggett	140.1	151.6	133.8	123.4	134.1	136.6	5	38.3	39.6	37.0	37.3	41.7	38.8	7
MN Pearl	128.8	155.3	141.8	132.8	97.5	131.2	11	36.0	38.0	36.6	38.0	40.8	37.9	10
ND Heart	126.8	124.3	113.4	121.9	87.7	114.8	20	33.4	38.5	36.7	38.4	41.5	37.7	13

Name	Days to Head					Plant Height (cm)				
	Longdan	Dickinson	Hettinger	Fargo	Ave.	Longdan	Dickinson	Hettinger	Fargo	Casselton Ave.
ND Miller	53	57	59	51	55	120	90	91	103	109
ND Williams	57	58	60	56	58	114	103	110	117	121
AAC Douglas	48	54	56	49	52	106	95	91	105	107
Beach	48	54	56	48	52	106	98	94	104	104
CDC Endure	51	58	58	54	55	109	98	102	108	109
ND Spilde	53	58	58	50	55	120	102	102	107	107
ND Carson	52	57	59	51	55	112	89	95	104	105
CS Camden	50	57	58	51	54	103	91	97	102	107
Deon	51	57	59	50	54	110	92	96	104	109
HiFi	51	57	59	51	54	110	99	105	102	106
Jury	51	56	57	51	54	123	97	104	119	122
Killdeer	50	57	57	47	53	94	88	85	90	91
Leggett	48	57	58	51	54	106	90	97	96	105
MN Pearl	49	58	59	50	54	103	93	105	101	101
ND Heart	51	56	56	50	53	113	93	102	102	109