

ND TREASURE BARLEY

NDSU NORTH DAKOTA
STATE UNIVERSITY



Characteristics

Yield	Very High
Straw Length	Short
Test Weight	Good

ND TREASURE

ND Treasure is a high yielding semi-dwarf six-rowed barley that is intended for the non-malting market. Potential markets are those for pet food, pearling for human food, or livestock feed. Growers are seeing yields often times 15% higher than other commonly grown feed barley varieties. The short strong straw of ND Treasure may make it more suited to higher rates of N fertilizer to increase yield without the fear of increased lodging.

BARLEY VARIETY TRIAL HETTINGER

VARIETY	DAYSTO	PLANT	TEST		GRAIN	----- GRAIN YIELD -----			AVERAGE YIELD	
	HEAD	HEIGHT	PLUMP	WEIGHT	PROTEIN	2021	2022	2023	2 YR	3 YR
	DAP	INCHES	%	LBS/BU	%	----- BUSHELS PER ACRE -----				
TWO ROW										
AAC Connect	63	30	91	38.1	11.8	46.4	94.6	121.8	108.2	87.6
AAC Synergy	62	31	92	36.4	12.4	47.5	103.4	134.7	119.1	95.2
ABI Cardinal	60	28	94	40.3	11.7	50.3	93.9	124.2	109.1	89.5
Brewski	60	30	92	44.5	11.9	60.1	105.1	132.3	118.7	99.1
Conlon	52	27	96	41.7	12.6	43.9	95.2	94.4	94.8	77.8
Explorer	61	23	91	45.7	12.6	54.3	105.3	124.2	114.7	94.6
ND Genesis	58	31	93	46.0	11.0	57.5	95.6	140.8	118.2	98.0
Pinnacle	57	30	91	44.3	10.5	54.8	85.7	96.2	90.9	78.9
SIX ROW										
ND Treasure	55	28	90	40.6	12.1	51.5	108.5	132.1	120.3	97.4
Tradition	55	30	93	42.4	12.3	50.4	101.6	115.8	108.7	89.3
Trial Mean	58	29	92	42.0	11.9	51.7	98.9	121.6	110.3	90.7
C.V. %	1.6	5.7	2.4	3.2	4.7	9.4	5.2	6.9	--	--

STRENGTHS

- Resistant to Lodging
- Easy to Harvest
- Resistant to both Stem & Leaf Rust

