

**2020 Nitrogen Fertilizer Additives in Spring Wheat at Minot**

TRT Product	Stand Establishment	Flowering Date	NDVI	Plant Height	Test Weight	Grain Protein	Harvest Moisture	Grain Yield
	%	July	0-1	inches	lbs/bu	%	%	bu/A
1 125 lbs/A ContaiN treated Urea applied in furrow	93	2	0.72	26	60.1	13.9	12.6	65.1
2 125 lbs/A ContaiN MAX treated Urea applied in furrow	92	3	0.72	26	59.8	14.0	12.3	66.3
3 125 lbs/A AGX202019011 treated Urea applied in furrow	93	2	0.71	26	59.8	14.5	12.2	62.5
4 125 lbs/A NZONE Max treated Urea applied in furrow	93	2	0.71	26	60.1	14.2	12.5	64.7
5 125 lbs/A Agrotain Ultra treated Urea applied in furrow	93	2	0.73	26	60.2	14.1	12.1	68.2
6 125 lbs/A Untreated Urea applied in furrow	93	2	0.74	25	60.1	14.0	12.2	65.1
7 No applied N fertilizer	93	2	0.73	25	60.1	14.3	12.2	65.2
Trial Mean	93	2	0.72	26	60.0	14.1	12.3	65.3
C.V. %	1.2	0.1	5.4	4.7	0.7	2.0	2.2	7.0
LSD 0.05	NS	NS	NS	NS	NS	NS	NS	NS

NS = no statistical difference between treatments.

Tillage = No-till. Previous crop = soybean. Soil type = Williams loam.

**Summary:** The trial was planted on May 8 with SY Valda hard red spring wheat. Fertilizer treatments were applied in the seed furrow at planting. Residual soil nitrogen was 67 lbs per acre at 0-24" plus an additional 40 lbs/A soy credit. This relatively high level of nitrogen probably limited the effectiveness of additional nitrogen fertilizer inputs, resulting in no statistical differences between treatments.