

MSU Soil Fertility Research Program
INSTINCT (GF-3421) WITH UAN IN WINTER WHEAT
 Trial ID: WHT05-16.17 Location: Campus Trial Year: 2016
 Investigator: Kurt Steinke

Project ID: DOWWHT

Crop Code						TRZAW
Crop Name						Winter wheat
Description						bu/ac
Rating Date						Jul-9-2017
Rating Type						YIELD
Rating Unit						BU
ARM Action Codes						EC TY1
Number of Decimals						0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage
						7
1	Untreated	46	GR			46
2	Urea 46-0-0	46	GR	90 lb ai/a	196 lb/a	GRNUP 91 a
3	Urea 46-0-0 Intinct HL	46 2.5	GR AL	90 lb ai/a 24 fl oz/a	196 lb/a 24 fl oz/a	GRNUP GRNUP 98 a
4	Urea 46-0-0 28% Nitrogen	46 3	GR AL	36 lb ai/a 54 lb ai/a	78 lb/a 18 gal/a	GRNUP 4-6WAGU 84 a
5	Urea 46-0-0 Intinct HL 28% Nitrogen	46 2.5 3	GR AL AL	36 lb ai/a 24 fl oz/a 54 lb ai/a	78 lb/a 24 fl oz/a 18 gal/a	GRNUP GRNUP 4-6WAGU 90 a
6	Urea 46-0-0 28% Nitrogen Intinct HL	46 3 2.5	GR AL AL	36 lb ai/a 54 lb ai/a 24 fl oz/a	78 lb/a 18 gal/a 24 fl oz/a	GRNUP 4-6WAGU 4-6WAGU 86 a
7	Urea 46-0-0 28% Nitrogen	46 3	GR AL	27 lb ai/a 36 lb ai/a	58.7 lb/a 12 gal/a	GRNUP 4-6WAGU 83 a
8	Urea 46-0-0 Intinct HL 28% Nitrogen	46 2.5 3	GR AL AL	27 lb ai/a 24 fl oz/a 36 lb ai/a	58.7 lb/a 24 fl oz/a 12 gal/a	GRNUP GRNUP 4-6WAGU 82 a
9	Urea 46-0-0 28% Nitrogen Intinct HL	46 3 2.5	GR AL AL	27 lb ai/a 36 lb ai/a 24 fl oz/a	58.7 lb/a 12 gal/a 24 fl oz/a	GRNUP 4-6WAGU 4-6WAGU 81 a
10	Urea 46-0-0 AgrotainULTRA 28% Nitrogen	46 AL 3	GR AL AL	36 lb ai/a 1.5 qt/ton 54 lb ai/a	78 lb/a 1.5 qt/ton 18 gal/a	GRNUP GRNUP 4-6WAGU 92 a
11	Urea 46-0-0 28% Nitrogen AgrotainULTRA	46 3 AL	GR AL AL	36 lb ai/a 54 lb ai/a 1.5 qt/ton	78 lb/a 18 gal/a 1.5 qt/ton	GRNUP 4-6WAGU 4-6WAGU 80 a
12	Urea 46-0-0 28% Nitrogen AgrotainULTRA Intinct HL	46 3 AL 2.5	GR AL AL AL	36 lb ai/a 54 lb ai/a 1.5 qt/ton 24 fl oz/a	78 lb/a 18 gal/a 1.5 qt/ton 24 fl oz/a	GRNUP 4-6WAGU 4-6WAGU 4-6WAGU 87 a
LSD P=.05						14.7
Standard Deviation						10.2
CV						11.75
Replicate F						3.932
Replicate Prob(F)						0.0181
Treatment F						1.164
Treatment Prob(F)						0.3529

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Yates=7

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Crop Code

TRZAW, BCER, Triticum aestivum, Winter wheat = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

EC = Do not analyze untreated check, while still reporting treatment mean on AOV Means Table

TY1 = $9.219048 * [4] * (100 - [5]) / 86.5$