

MSU Soil Fertility Research Program

EFFECT OF INSTINCT IN RED WINTER WHEAT PRODUCTION IN MICHIGAN

Trial ID: WHT02-15.16 Location: CAMPUS Trial Year: 2015

Investigator: Kurt Steinke

Project ID: DOWWHT

Crop Code	TRZAW						
Crop Name	Winter wheat						
Crop Variety	Sunburst						
Description	Yield						
Rating Date	Jul-11-2016						
Rating Type	HARVEST						
Rating Unit	BU						
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	
1	Check						52.0 c
2	Urea 46-0-0 28% Nitrogen	46 GR 3 AL		36 lb ai/a 54 lb ai/a	78 lb/a 18 gal/a	GRNUP FKS5	95.6 ab
3	Intinct II Urea 46-0-0 28% Nitrogen	1.58 AL 46 GR 3 AL		37 fl oz/a 36 lb ai/a 54 lb ai/a	37 fl oz/a 78 lb/a 18 gal/a	GRNUP GRNUP FKS5	96.6 ab
4	Urea 46-0-0 Intinct II 28% Nitrogen	46 GR 1.58 AL 3 AL		36 lb ai/a 37 fl oz/a 54 lb ai/a	78 lb/a 37 fl oz/a 18 gal/a	GRNUP FKS5 FKS5	93.3 ab
5	Urea 46-0-0 28% Nitrogen	46 GR 3 AL		27 lb ai/a 36 lb ai/a	58.7 lb/a 12 gal/a	GRNUP FKS5	94.2 ab
6	Intinct II Urea 46-0-0 28% Nitrogen	1.58 AL 46 GR 3 AL		37 fl oz/a 27 lb ai/a 36 lb ai/a	37 fl oz/a 58.7 lb/a 12 gal/a	GRNUP GRNUP FKS5	92.7 ab
7	Urea 46-0-0 Intinct II 28% Nitrogen	46 GR 1.58 AL 3 AL		27 lb ai/a 37 fl oz/a 36 lb ai/a	58.7 lb/a 37 fl oz/a 12 gal/a	GRNUP FKS5 FKS5	86.8 b
8	Urea 46-0-0 AgrotainULTRA 28% Nitrogen	46 GR AL 3 AL		36 lb ai/a 1.5 qt/ton 54 lb ai/a	78 lb/a 1.5 qt/ton 18 gal/a	GRNUP FKS5 FKS5	102.5 a
9	Intinct II Urea 46-0-0 AgrotainULTRA 28% Nitrogen	1.58 AL 46 GR AL 3 AL		37 fl oz/a 36 lb ai/a 1.5 qt/ton 54 lb ai/a	37 fl oz/a 78 lb/a 1.5 qt/ton 18 gal/a	GRNUP GRNUP FKS5 FKS5	96.3 ab
10	Urea 46-0-0 Intinct II AgrotainULTRA 28% Nitrogen	46 GR 1.58 AL AL 3 AL		36 lb ai/a 37 fl oz/a 1.5 qt/ton 54 lb ai/a	78 lb/a 37 fl oz/a 1.5 qt/ton 18 gal/a	GRNUP FKS5 FKS5 FKS5	93.8 ab
LSD P=.05							9.99
Standard Deviation							6.87
CV							7.6
Replicate F							8.404
Replicate Prob(F)							0.0005
Treatment F							16.695
Treatment Prob(F)							0.0001

Crop Code

TRZAW, BCER, Triticum aestivum (winter), = TRZAW, BCER, Triticum aestivum (winter),

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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Investigator: Kurt Steinke  
Project ID: DOWWHT

Rating Unit

BU = bushel

ARM Action Codes

TY1 =  $9.219048 * [C4] * (100 - @MVAVGREP([C5])) / 86.5$