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2009 Fontanelle Test Results



Bud Gove Fontanelle seed dealer from Windom, MN. I used U.S. Ag's products Liquid Calcium, C4 and HA-12 on test plots throughout my corn. I have traditionally only used commercial NPK fertilizers on my dryland soybeans and corn. This year I did side by side controlled studies and documented the results.

This is the program I used this year:

100 lbs. nitrogen
20 lbs. phosphorus
60 lbs. potassium

Liquid Calcium 3 Gallons
Broadcast pre-emergence

C4 16 ounces foliar applied two times

HA-12 one gallon foliar applied two times

Documented Results

Lower Input Costs
Increased Germination
Visible Increased Plant Health
Less Bug Pressure
No Visible Fungus Pressure
Overall Higher Yields (30bu)

In this picture you can clearly see where the crop was not sprayed with U.S. Ag's products.



Fontanelle Hybrids PLOT FORM



Plot Code _____ Latitude (N) 43.88360
 Cooperator Bud Gove Longitude (W) 95.1185
 Address _____ Corner: NE NW - SE - SW (circle one)
 City Windsor Feet left 100 Feet right 100
 State IA Zip _____ County Cottam (of plot site) (Plot dimensions from GPS corner)

1-800-CR-YIELD
 Salesperson Nepp
 Date Planted 5-2-09
 Planting Pop. 32200
 Date Harvested 11-21-09

Directions to plot/GPS corner:

<input checked="" type="checkbox"/> CORN <input type="checkbox"/> BEANS <input type="checkbox"/> HAY/ALFALFA <input type="checkbox"/> OTHER	<input type="checkbox"/> STRIP PLOT <input type="checkbox"/> SIDE BY SIDE <input type="checkbox"/> FIELD CHECK <input type="checkbox"/> REPLICATED	<input type="checkbox"/> COARSE (sand, loamy sand) <input checked="" type="checkbox"/> MEDIUM (silt and loams) <input type="checkbox"/> FINE (clay, silty clay, sandy clay)	<input checked="" type="checkbox"/> WEIGH WAGON <input type="checkbox"/> YIELD MONITOR <input type="checkbox"/> GRAIN CART SCALE	<input type="checkbox"/> EXCESSIVE <input checked="" type="checkbox"/> GOOD <input type="checkbox"/> MODERATE <input type="checkbox"/> POOR <input type="checkbox"/> VERY POOR	<input type="checkbox"/> NO-TILL <input type="checkbox"/> MIN-TILL <input checked="" type="checkbox"/> CONV <input type="checkbox"/> RIDGE <input type="checkbox"/> STRIP/ZONE <input type="checkbox"/> OTHER	<input type="checkbox"/> IRRIGATED <input type="checkbox"/> DRYLAND ARID (limiting rainfall normally, irrigation is common) <input type="checkbox"/> DRYLAND WET (adequate rainfall normally, drainage tile is common)
SOIL FERTILITY LOW MEDIUM HIGH (circle one)		LBS/ACRE N: <u>100</u> P: <u>20</u> K: <u>60</u> S: _____ Zn: _____ plus H-12 & C-4 on 1st & 4th	ORGANIC MATTER PERCENT (if known) _____ <input type="checkbox"/> LOW (<2.0%) <input checked="" type="checkbox"/> MED (2.0-4.5%) <input type="checkbox"/> HIGH (>4.5%)	SOIL pH VALUE (if know) _____ <input type="checkbox"/> LOW (<6.0) <input checked="" type="checkbox"/> MED (6.0-7.5) <input type="checkbox"/> HIGH (>7.5)		

HERBICIDE(S): _____
 INSECTICIDE(S): _____
 FUNGICIDE(S): _____
 Comments: H-12 & C-4 Fert. Lizer Study
Double Rate on 2 None on 3

SEED COMPANY	CORN/SOY BRAND	TRAIT	TREATMENT	HRVST POP. (K)	STALK LODGE %	ROOT LODGE %	MOIST. %	WEIGHT (LBS.)	CROP RATIO (see below)	ROW LENGTH (FT.)	ROW WIDTH (IN.)	NO. OF ROWS	YIELD BU/ACRE @ 13% soy	TEST WT.
Font	4T722	Royal	Fert + Spray C-4 H-12	100	24	H12	20.6	1672	X	60	30	40	200.8	52
	4T722	Double	C-4 H-12	100			21.8	1787	X				211.4	51
	4T722	No C-4	H-12	100			21.5	1540	X				182.9	51
	4T722	Royal	Fert + Spray C-4 H-12	100			20.6	1763	X				211.7	51
				100					X					
				100					X					
				100					X					
				100					X					
				100					X					
				100					X					

TESTIMONIAL/COMMENTS: _____
 ** Crop ratio: corn = 109.815 ; soy = 100.138
 I grant Fontanelle the right to use my photograph, related comments, and yield data recorded on this form.

White - DSM Copy Yellow - Customer Copy after Harvest Pink - Customer Copy after Planting
 Signature: Bud Gove Date: 11/21/09

Fontanelle Hybrids PLOT FORM



Plot Code Y12C Latitude (N) 43.88117
 Cooperator Bud Gove Longitude (W) 95.1171
 Address _____ Corner: NE - NW (SE) SW (circle one)
 City Windsor Feet left _____ Feet right _____
 State IA Zip _____ County _____ (of plot site) (Plot dimensions from GPS corner)

1-800-CR-YIELD
 Salesperson Nepp
 Date Planted 5-8-09
 Planting Pop. 39000
 Date Harvested 11-21-09

Directions to plot/GPS corner:

<input checked="" type="checkbox"/> CORN <input type="checkbox"/> BEANS <input type="checkbox"/> HAY/ALFALFA <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> STRIP PLOT <input type="checkbox"/> SIDE BY SIDE <input type="checkbox"/> FIELD CHECK <input type="checkbox"/> REPLICATED	<input type="checkbox"/> COARSE (sand, loamy sand) <input checked="" type="checkbox"/> MEDIUM (silt and loams) <input type="checkbox"/> FINE (clay, silty clay, sandy clay)	<input checked="" type="checkbox"/> WEIGH WAGON <input type="checkbox"/> YIELD MONITOR <input type="checkbox"/> GRAIN CART SCALE	<input type="checkbox"/> EXCESSIVE <input checked="" type="checkbox"/> GOOD <input type="checkbox"/> MODERATE <input type="checkbox"/> POOR <input type="checkbox"/> VERY POOR	<input type="checkbox"/> NO-TILL <input type="checkbox"/> MIN-TILL <input checked="" type="checkbox"/> CONV <input type="checkbox"/> RIDGE <input type="checkbox"/> STRIP/ZONE <input type="checkbox"/> OTHER	<input type="checkbox"/> IRRIGATED <input type="checkbox"/> DRYLAND ARID (limiting rainfall normally, irrigation is common) <input type="checkbox"/> DRYLAND WET (adequate rainfall normally, drainage tile is common)
SOIL FERTILITY LOW MEDIUM HIGH (circle one)		LBS/ACRE N: <u>100</u> P: <u>20</u> K: <u>60</u> S: _____ Zn: _____	ORGANIC MATTER PERCENT (if known) _____ <input type="checkbox"/> LOW (<2.0%) <input checked="" type="checkbox"/> MED (2.0-4.5%) <input type="checkbox"/> HIGH (>4.5%)	SOIL pH VALUE (if know) _____ <input type="checkbox"/> LOW (<6.0) <input checked="" type="checkbox"/> MED (6.0-7.5) <input type="checkbox"/> HIGH (>7.5)		

HERBICIDE(S): _____
 INSECTICIDE(S): _____
 FUNGICIDE(S): _____
 Comments: 16 oz C-4 H-12
South Side of field, looking South East Picture 71 Background.

SEED COMPANY	CORN/SOY BRAND	TRAIT	TREATMENT	HRVST POP. (K)	STALK LODGE %	ROOT LODGE %	MOIST. %	WEIGHT (LBS.)	CROP RATIO (see below)	ROW LENGTH (FT.)	ROW WIDTH (IN.)	NO. OF ROWS	YIELD BU/ACRE @ 13% soy	TEST WT.
Font	4T722	UT3	P250	100			20.8	2619	X	39.5	30	8	240.3	53
				100					X					
				100					X					
				100					X					
				100					X					
				100					X					
				100					X					
				100					X					
				100					X					

TESTIMONIAL/COMMENTS: _____
 ** Crop ratio: corn = 109.815 ; soy = 100.138
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 Signature: Bud Gove Date: 11/21/09