

Project: N management in wheat 2014
Trial: RN1414
Location: Moree
Variety: EGA Gregory
Planted: May 19 2014
Planting Equipment: Small plot tyne planter
Row Spacing: 32cm

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

Application Code	Date	Crop stage
A	19/05/2014	Pre-plant
B	19/05/2014	PSPE
C	22/07/2015	GS30

Trt No.	Treatment	Product Rate kg/ha	Nitrogen Rate kg N/ha	Application Code	Wheat cv. EGA Gregory		
					25/06/2014	1/08/2014	2/09/2014
					Emergence/m ²	NDVI Ratio	NDVI Ratio
1	Untreated	-	-		54	0.3	0.34
2	Urea	109	50	A	58	0.36	0.41
3	Urea	217	100	A	55	0.28	0.41
4	Urea	435	200	A	59	0.31	0.4
5	Urea x 2	109 x 2	50 x 2	A C	55	0.31	0.39
6	Urea	217	100	B	56	0.24	0.34
7	ESN + Urea	65 + 43.5	50	A	60	0.32	0.43
8	ESN + Urea	83 + 55.3	64	A	54	0.31	0.39
9	ESN + Urea	130 + 87	100	A	58	0.26	0.34
10	Agrocote N38 + Urea	34 + 76	50	A	57	0.31	0.39
11	Agrocote N38 + Urea	57 + 127	84	A	54	0.26	0.41
12	Agrocote N38 + Urea	68 + 152	100	A	59	0.35	0.46
13	eNtrench on Urea	2.5L/109	50	A	59	0.32	0.31
14	eNtrench on Urea	2.5L/135	62	A	50	0.29	0.38
15	eNtrench on Urea	2.5L/217	100	A	61	0.36	0.45
16	Entec	109	50	A	54	0.24	0.38
17	Entec	194	89	A	56	0.28	0.35
18	Entec	217	100	A	55	0.35	0.41
LSD (P=.05)					9	0.14	0.15
Treatment Prob(F)					0.68	0.92	0.91

NB: Means followed by same letter do not significantly differ (P=.05, LSD)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Comment: Crop failed due to drought

Trt No.	Treatment	Product Rate		Application Code	Wheat cv. EGA Gregory 29/10/2014				
		kg/ha	kg N/ha		Yield kg/ha	Protein %	Test Weight kg/hL	Screenings %	N recovery kg N/ha
1	Untreated	-	-		463 -	13.2 f	78 -	5.1 -	10.5 -
2	Urea	109	50	A	433 -	13.5 b-f	78 -	8.2 -	7.0 -
3	Urea	217	100	A	244 -	13.7 bc	76 -	8.4 -	5.8 -
4	Urea	435	200	A	494 -	13.6 bcd	77 -	8.3 -	11.9 -
5	Urea x 2	109 x 2	50 x 2	A C	426 -	14.3 a	76 -	5.8 -	10.7 -
6	Urea	217	100	B	525 -	13.7 b	77 -	6.4 -	12.6 -
7	ESN + Urea	65 + 43.5	50	A	519 -	13.3 def	77 -	5.3 -	12.1 -
8	ESN + Urea	83 + 55.3	64	A	356 -	13.3 ef	78 -	5.9 -	8.0 -
9	ESN + Urea	130 + 87	100	A	388 -	13.6 b-e	76 -	4.9 -	9.2 -
10	Agrocote N38 + Urea	34 + 76	50	A	506 -	13.3 def	76 -	4.6 -	11.8 -
11	Agrocote N38 + Urea	57 + 127	84	A	600 -	13.5 b-f	77 -	7.3 -	14.1 -
12	Agrocote N38 + Urea	68 + 152	100	A	556 -	13.6 b-e	77 -	5.1 -	13.2 -
13	eNtrench on Urea	2.5L/109	50	A	356 -	13.5 b-e	76 -	8.1 -	8.3 -
14	eNtrench on Urea	2.5L/135	62	A	444 -	13.5 b-e	76 -	9.8 -	10.5 -
15	eNtrench on Urea	2.5L/217	100	A	544 -	13.6 b-e	77 -	6.5 -	10.2 -
16	Entec	109	50	A	573 -	13.3 ef	78 -	6.6 -	13.4 -
17	Entec	194	89	A	488 -	13.4 c-f	78 -	7.8 -	11.4 -
18	Entec	217	100	A	525 -	13.4 def	77 -	7.5 -	12.3 -
LSD (P=.05)					198	0.3	1.9t	3.9	5.5
CV					30				
Treatment Prob(F)					0.08	0.00	0.86	0.33	0.19

Application Description			
	A	B	C
Application Date:	19/05/2014	19/05/2014	22/07/2014
Application Start Time:			12pm
Application Method:	SPREAD	SPREAD	SPREAD
Application Timing:	PREPLA	PSPE	GS30
Application Placement:	Broadcast		
Applied By:	MC	MC	RN
Dew Presence (Y/N):			N no
Soil Moisture:			VERY DRY

Application Equipment			
	A	B	C
Application Equipment:	Hand spread		
Equipment Type:	MANUAL SPREAD		