

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.

Late N management in wheat (basal N applied at planting) 2014

Trial ID: **LB1413** Location: **Tummaville** Trial Year: **2014**
 Protocol ID: **NGA1409** Investigator: **Linda Bailey**

Planting Date:	23/7/2014		
Planting Equipment:	Small plot planter		
Row Spacing:	36cm		
Target plant stand:	133 pl/m ²		
Application Code:	A	B	C
Application Date:	21/10/2014	30/10/2014	5/11/2014
Growth Stage:	GS 49 Awn peep	GS 61 early flowering	GS 71 Watery ripe

Crop : Crop variety: Rating Date: Rating Type: Rating Unit: Days After First/Last Application: ARM Action Codes:						Wheat EGA Gregory				
						19/11/2014				
						YIELD	PROTEIN	TEST WEIGHT	SCREENINGS	N RECOVERY
						kg/ha 29 14	% 29 14	kg/hL 29 14	% 29 14	kg N/ha 29 14 T1
Trt No.	Treatment	Product Rate	Nitrogen Rate	Growth Stage	Appln Code	1	2	3	4	5
1	Untreated	-	-	-	-	2017 -	15.2 -	77.1 -	6.2 -	53.6 -
2	Ranger	83 l/ha	20 kg ai/ha	GS49	A	2014 -	15.3 -	77.1 -	6.6 -	53.6 -
3	Ranger	83 l/ha	20 kg ai/ha	GS61	B	2030 -	15.1 -	77.8 -	6.6 -	53.4 -
4	Ranger	83 l/ha	20 kg ai/ha	GS71	C	2067 -	15.0 -	76.5 -	6.5 -	54.4 -
5	Ranger	167 l/ha	40kg ai/ha	GS49	A	2105 -	15.4 -	76.1 -	5.9 -	56.6 -
6	Ranger	167 l/ha	40kg ai/ha	GS61	B	1990 -	15.3 -	77.8 -	8.7 -	53.4 -
7	Ranger	167 l/ha	40kg ai/ha	GS71	C	2105 -	15.2 -	77.1 -	6.3 -	55.8 -
8	Hydrofert	83 l/ha	20kg ai/ha	GS49	A	2107 -	15.6 -	76.9 -	9.1 -	57.5 -
9	Hydrofert	83 l/ha	20kg ai/ha	GS61	B	2043 -	15.1 -	77.1 -	5.6 -	54.0 -
10	Hydrofert	83 l/ha	20kg ai/ha	GS71	C	2158 -	15.2 -	76.7 -	6.2 -	57.4 -
11	Hydrofert	167 l/ha	40kg ai/ha	GS49	A	2102 -	15.6 -	77.6 -	5.8 -	57.4 -
12	Hydrofert	167 l/ha	40kg ai/ha	GS61	B	2118 -	15.2 -	77.1 -	4.2 -	56.4 -
13	Hydrofert	167 l/ha	40kg ai/ha	GS71	C	1950 -	15.3 -	76.9 -	8.6 -	52.2 -
14	Ranger	55.4 l/ha	13.3kg ai/ha	GS49	A	2153 -	15.3 -	77.3 -	8.5 -	57.6 -
	Ranger	55.4 l/ha	13.3kg ai/ha	GS61	B					
	Ranger	55.4 l/ha	13.3kg ai/ha	GS71	C					
15	Ranger	83 l/ha	20kg ai/ha	GS49	A	2174 -	15.3 -	76.8 -	1.6 -	58.3 -
	Ranger	83 l/ha	20kg ai/ha	GS61	B					
LSD P=.05						nsd	nsd	nsd	nsd	nsd
CV						9.2				
Treatment Prob.(F)						0.9307	0.1184	0.9792	0.8518	0.8355

Rating Type

YIELD = yield

PROCON = protein content

Rating Unit

KG/HA = kilograms per hectare

% = percent

Plant-Evaluation Interval

119 DP-1 = 1 TRZAS Jul-23-2014

ARM Action Codes

T1 = [1]*([2]/100)*.175

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.

Application Description			
	A	B	C
Application Date:	21/10/14	30/10/14	5/11/14
Application Start Time:	11:10 AM	10:30 AM	9:00 AM
Application Stop Time:	12:45 PM	12:00 PM	10:15 AM
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	GS61	GS69	GS77
Application Placement:	FOLIAR	FOLIAR	FOLIAR
Applied By:	L Bailey	L Bailey	L Bailey
Air Temperature, Unit:	25 C	31 C	22 C
% Relative Humidity:	44	21	50
Wind Velocity, Unit:	9 KPH	8 KPH	3 KPH
Wind Direction:	E	S	N
Dew Presence (Y/N):	N no	N no	N no
Soil Moisture:	DRY	DRY	DRY
% Cloud Cover:	30	0	5

Application Equipment			
	A	B	C
Application Equipment:	Quadbike	Quadbike	Quadbike
Equipment Type:	SPRAYE	SPRAYE	SPRAYE
Operation Pressure, Unit:	220 kPa	220 kPa	220 kPa
Nozzle Type:	TTJ	TTJ	TTJ
Nozzle Size:	11003	11003	11003
Nozzle Spacing, Unit:	50 cm	50 cm	50 cm
Ground Speed, Unit:	7.2 KPH	7.2 KPH	7.2 KPH
Spray Volume, Unit:	167 L/ha	167 L/ha	167 L/ha