Table (3) Number of grains/ear and Shelling percentage as affected by maize hybrid, nitrogen sources and bio-fertilization levels in 2014 and 2015 summer seasons and their combined.

Main effects & interactions	Number of grains/ear			Shelling percentage		
	Season 2014	Season 2015	Combined	Season 2014	Season 2015	Combined
Maize hybrids (H) :						
SC166	686.11 b	671.36b	678.74 b	81.57 b	81.52 b	81.55 b
SC176	705.62 a	697.97a	701.79 a	82.68 a	82.64 a	82.66 a
TWC	573.33 c	550.98c	562.15 c	78.78 c	78.94 c	78.86 c
F-test	**	**	**	**	**	**
Nitrogen Source (N) :						
Ammonium sulphate 20.6%	673.90 a	657.41a	665.65 a	80.94 b	80.90 c	80.92 c
Ammonium nitrate 33.5%	655.36 b	638.65b	647.00 b	81.03 b	81.05 b	81.04 b
Urea 46%	635.80 c	624.24c	630.20 c	81.08 a	81.15 a	81.11 a
F-test	**	**	**	**	**	**
Biofetilizer(Cerealin)levels(B);						
0 gm/ fad	583.76 c	571.46c	577.61 c	81.36 a	81.58 a	81.46 a
250 gm/fad	651.69 b	639.75b	645.71 b	81.09 b	81.07 b	81.08 b
500 gm/fad	729.62 a	709.09a	719.36 a	80.60 c	80.44 c	80.52 c
F-test	**	**	**	**	**	**
Interactions :						
H X N	N S	N S	N S	N S	N S	N S
H X B	**	**	**	**	**	**
N X B	*	*	**	N S	N S	N S

Table (4) Grains weight/ear (gm) and Weight of 100-grains (gm) as affected by maize hybrid, nitrogen sources and bio-fertilization levels

Main effects & interactions	Grains weight/ear			Weight of100grains (g m)		
	Season 2014	Season 2015	Combined	Season 2014	Season 2015	Combined
Maize hybrids (H) :						
SC166	211.82 b	207.26b	209.54 b	30.79 c	30.80 c	30.79 c
SC176	221.27 a	216.93a	219.09 a	31.21 b	31.03 b	31.12 b
TWC	183.88 c	176.98c	180.43 c	32.01 a	31.92 a	31.96 a
F-test	**	**	**	**	**	**
Nitrogen Source (N) :						
Ammonium sulphate 20.6%	212.76 a	207.01a	209.88 a	31.49 a	31.35 a	31.42 a
Ammonium nitrate 33.5%	205.68 b	199.88b	202.78 b	31.28 b	31.27 a	31.28 b
Urea 46%	198.54 c	194.29c	196.42 c	31.24 b	31.11 b	31.18 c
F-test	**	**	**	**	**	**
Biofetilizer (Cerealin) levels (B);						
0 gm/ fad	177.78 c	173.64c	175.72 c	30.48 c	30.41 c	30.44 c
250 gm/fad	202.15 b	198.62b	200.38 b	30.97 b	30.98 b	30.98 b
500 gm/fad	237.03 a	228.92a	232.98 a	32.57 a	32.35 a	32.46 a
F-test	**	**	**	**	**	**
Interactions :						
H X N	*	N S	*	N S	N S	N S
H X B	**	**	**	**	**	**
N X B	**	**	**	*	*	**

Table (5) Grains yield (ton/fad.) and Oil content as affected by maize hybrid, nitrogen sources and bio-fertilization levels.

Main effects & interactions	Grains yield ton/fad			Oil content		
	Season 2014	Season 2015	Combined	Season 2014	Season 2015	Combined
Maize hybrids (H) :						
SC166	3.42 a	3.17 a	3.29 a	4.39 c	4.39 b	4.39 b
SC176	3.16 b	2.96 b	3.06 b	4.59 a	4.51 a	4.55 a
TWC	2.79 c	2.40 c	2.59 c	4.49 b	4.28 c	4.37 b
F-test	**	**	**	**	**	**
Nitrogen Source (N) :						
Ammonium sulphate 20.6%	3.28 a	2.89 a	3.09 a	4.57 a	4.48 a	4.52 a
Ammonium nitrate 33.5%	3.14 b	2.83 b	2.98 b	4.47 b	4.39 b	4.44 b
Urea 46%	2.95 c	2.81 b	2.88 c	4.39 c	4.31 c	4.36 c
F-test	**	**	**	**	**	**
Biofetilizer(Cerealin)levels(B);						
0 gm/ fad	2.72 c	2.43 c	2.57 c	4.25 c	4.20 c	4.23 c
250 gm/fad	3.06 b	2.81 b	2.93 b	4.40 b	4.38 b	4.39 b
500 gm/fad	3.60 a	3.31 a	3.45 a	4.78 a	4.62 a	4.69 a
F-test	**	**	**	**	**	**
Interactions :						
H X N	*	*	*	N S	*	**
H X B	**	**	**	N S	**	**
N X B	N S	N S	N S	N S	N S	N S