Table 2: Mean of plant height (cm), foliage dry weight g/plant, No. of tubers/plant, average of tuber weight g/plantand total fresh tuber yield t/ha.as affected by farmyard manure and mineral nitrogen rates, during 2014 and 2015 seasons.

Treatments	**Plant height (cm)**		**Foliage dry weight g/plant**		**No. of tubers/plant**		**Average of tuber weight g/plant**		**Total fresh tuber yield t/ha.**	
	2014	**2015**	**2014**	**2015**	**2014**	**2015**	**2014**	**2015**	**2014**	**2015**
A. Farmyard manure:										
0 t/ha.	65.9	67.9	35.20	36.69	7.25	7.79	438.7	444.3	25.346	25.504
5 t/ha.	67.2	69.2	37.45	39.13	8.35	8.80	459.1	466.6	26.827	27.753
10 t/ha.	68.3	70.4	40.62	42.25	9.34	9.33	486.3	502.1	28.732	29.954
15 t/ha.	69.7	71.8	42.94	44.55	10.35	9.75	541.7	544.3	31.276	31.872
F-test	*	*	*	*	*	*	*	*	*	*
LSD at0.05	**0.3**	**0.4**	**0.06**	**0.24**	**0.10**	**0.08**	**42.1**	**2.1**	**0.122**	**0.099**
B. Mineral nitrogen rates:										
80 kg N/ha.	66.3	68.3	38.16	39.70	8.33	8.55	471.6	476.0	26.188	27.429
120 kg N/ha.	67.2	69.4	38.67	40.28	8.70	8.88	460.4	483.8	27.504	28.324
160 kg N/ha.	68.4	70.4	39.25	41.02	9.00	9.08	493.9	493.0	28.586	29.258
200 kg N/ha.	69.3	71.3	40.13	41.61	9.24	9.41	499.9	504.6	31.276	30.069
F-test	*	*	*	*	*	*	*	*	*	*
LSD at0.05	**0.3**	**0.3**	**0.05**	**0.18**	**0.06**	**0.06**	**35.7**	**1.2**	**0.098**	**0.071**
Interaction AxB										
F-test	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	*	*

Table 3: Mean of, TSS%, tuber dry mater%, specific gravity%, carbohydrate % and ascorbic acid (mg/100g^{-1}) as affected by farmyard manure and mineral nitrogen rates during 2014 and 2015 seasons.

Treatments	**TSS %**		**Tuber dry matter %**		**Specific Gravity %**		**Carbohydrate %**		**Ascorbic acid** (mg/100g^{-1})	
	2014	**2015**	**2014**	**2015**	**2014**	**2015**	**2014**	**2015**	**2014**	**2015**
A. Farmyard manure:										
0 t/ha.	5.55	5.47	13.21	13.45	1.074	1.072	20.97	20.19	13.862	13.787
5 t/ha.	5.62	5.67	14.90	14.84	1.076	1.072	21.54	20.94	14.428	14.480
10 t/ha.	5.76	5.86	16.93	17.22	1.079	1.074	21.54	21.68	15.144	15.241
15 t/ha.	6.03	6.03	19.31	18.70	1.081	1.076	22.03	21.97	16.092	16.183
F-test	*	*	*	*	*		*	*	*	*
LSD at0.05	**0.03**	**0.04**	**0.61**	**0.08**	**0.005**	**N.S.**	**0.12**	**0.11**	**0.073**	**0.023**
B. Mineral nitrogen rates:										
80 kg N/ha.	5.56	5.63	15.36	15.37	1.080	1.075	20.16	20.07	14.482	14.471
120 kg N/ha.	5.67	5.70	15.88	15.75	1.078	1.074	21.06	20.84	14.742	14.743
160 kg N/ha.	5.79	5.79	16.14	16.25	1.077	1.072	21.98	21.55	15.013	15.070
200 kg N/ha.	5.94	5.92	16.96	16.59	1.075	1.071	22.86	22.33	15.287	15.407
F-test	*	*	*	*	*		*	*	*	*
LSD at0.05	**0.04**	**0.03**	**0.18**	**0.06**	**0.004**	**N.S.**	**0.08**	**0.04**	**0.033**	**0.027**
Interaction AxB										
F-test	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**