

Response of Warm-Season Vegetables to FUSN™ in the Desert Southwest

Dr. Charlie Sanchez, University of Arizona

Treatment	N Rate (kg/ha)	N Source	Soil NH ₄ -N (mg/kg)	Soil NO ₃ -N (mg/kg)	Midrib nitrate-N (mg/kg)	Yield (Mt/ha)
1	0	-	3.8	35.5	30207	9.7
2	100	Urea	4.2	32.7	36593	10.2
3	200	Urea	4.3	37.7	34363	8.2
4	300	Urea	5.0	43.8	45735	8.1
5	100	FUSN	4.1	32.3	44188	9.1
6	200	FUSN	4.6	30.3	26365	11.2
7	300	FUSN	1.0	50.0	28967	10.7
Stat.	N Rate		NS	L*Q*	NS	NS
	N Source		NS	NS	NS	NS

Cantaloupe response to FUSN and urea during spring and summer 2015 (* = P < .10).