




---

**Total Amount of N Delivered (Expressed in Pounds N Per Acre) from Varying Irrigation Water NO<sub>3</sub>-N Concentrations and Irrigation Amounts**

---

Irrigation well water NO <sub>3</sub> -N concentration (ppm)	----- Irrigation water applied (acre-inches) -----								
	6	9	12	15	18	21	24	27	30
5	7	10	14	17	21	24	28	31	35
10	14	21	28	35	41	48	55	62	69
15	21	31	41	52	62	72	83	93	104
20	28	41	55	69	83	97	110	124	138
25	35	52	69	86	104	121	138	155	173

---

Table provided by:  
 Dr. Randy Boman  
 Research Director and Cotton Extension Program Leader  
 OSU Southwest Research and Extension Center  
 Altus, OK

This table is based upon this assumption:  
 lbs N/acre applied through irrigation = NO<sub>3</sub>-N (ppm) x 0.23 x acre-inches of irrigation water applied

Note: These values are only valid for N when it is expressed as NO<sub>3</sub>-N in irrigation water (not just as NO<sub>3</sub>).