

FERTILIZER CONDUCTIVITY CHART

Formulations and Conductivity in Millimhos (mmohs)

PPM NITROGEN CONCENTRATION

FORMULA	50	100	150	200	300	400	500
10-20-30	.50	.99	1.50	1.99	2.99	3.98	4.79
12-31-14	.42	.84	1.25	1.67	2.51	3.34	4.18
12-45-10	.36	.71	1.07	1.42	2.13	2.84	3.55
13-0-44	.48	.95	1.41	1.88	2.83	3.77	4.73
15-0-15	.34	.69	1.03	1.38	2.06	2.75	3.44
15-10-30	.35	.71	1.06	1.42	2.12	2.83	3.54
15-20-25	.33	.66	1.00	1.37	2.05	2.74	3.42
15-30-15	.32	.64	.96	1.28	1.93	2.57	3.21
16-4-12	.33	.68	1.01	1.35	2.04	2.70	3.37
17-17-17	.27	.54	.80	1.07	1.61	2.14	2.68
18-18-18	.20	.40	.60	.80	1.20	1.60	2.00
19-26-14	.21	.42	.63	.84	1.25	1.67	2.09
20-5-30	.23	.47	.70	.93	1.39	1.86	2.33
20-10-20	.31	.62	.94	1.25	1.88	2.50	3.13
20-20-20	.21	.41	.62	.82	1.23	1.64	2.05
20-30-10	.27	.55	.83	1.10	1.65	2.20	2.75
21-7-7	.21	.43	.65	.85	1.27	1.68	2.10
25-0-25	.15	.30	.45	.61	.92	1.22	1.52
25-5-20	.16	.32	.48	.64	.96	1.28	1.60
25-15-10	.15	.31	.46	.62	.92	1.23	1.55
28-18-8	.10	.20	.30	.40	.60	.80	1.00
30-10-10	.11	.22	.33	.43	.66	.85	1.10

This chart has been developed as a reference to verify the accuracy of fertilizer injectors.

This chart has been developed as a reference to verify the accuracy of fertilizer injectors. The chart is designed to be used in the following manner:

1. Determine the conductivity of your clear irrigation water.
2. Determine the conductivity of your fertilizer solution after it has been proportioned (at the emitter as it is applied to the plants).
3. Subtract the value of 1. (clear water) from 2. (fertilizer solution).
4. Compare this answer with the values on the chart to determine the parts per million of nitrogen being injected.
5. This is somewhat comparable to the values on your soil test. Just multiply these number by 100.

This chart has been taken from one provided by Plant Marvel nutrients. This does not endorse use of this product.