

Working Master

N-Control Application Guide

In summary, customer is running their Fertigation System an average of 8 hours per night and 5 times per week, at a pump capacity of 30 gallons per hour. Projected N-Control use per month is 659 gallons. This amount will give a total of 0.5 pounds of Nitrogen per month. Injector dial should be set at 13 to achieve desired Nitrogen rate.

Nitrogen Targets	Pounds Nitrogen	N-Control Weight	Gallons per Acre	Total Gallons per Irrigated Acres	Gallons per Cycle	Gallons per Hour	Pump Setting
1	43.56	11.8	13.18	1318	61.5	7.69	26
0.75	32.67	11.8	9.89	989	46.2	5.77	19
0.5	21.78	11.8	6.59	659	30.8	3.84	13
0.25	10.89	11.8	3.30	330	15.4	1.93	6
0.12	5.44	11.8	1.65	165	7.7	0.96	3

Pump Capacity (gph)	Avg. Watering Time (hrs)	Cycles Per Week	Irrigated Acres	Program Days	Program Weeks
30	8	5	100	30	4.286

N-Control Details	
Total Nitrogen	28%
Total Sulfur	9%
Weight per Gallon	11.80

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