



April 2, 2014 - first soil samples

July 19, 2014 - pre manure application after 1st cut alfalfa before manure

July 22, 2014 - post manure application after 1st cut.

Sept 9, 2014 - pre manure application after 2nd cut alfalfa

Sept 10, 2014 - post manure application after 2nd cut.

Oct 29, 2014 - post 3rd cut soil test for going into winter.

April 9 2015 - Spring soil test pre crop growth starting

June 8 2015 - pre manure after 1st cut soil nitrate test

	6-6"	6-12"	12-24"
April 2 2014	1	20	30
April 2 2014	1	2	36
July 19 2014	25	14	25
July 22 2014	48	14	13
Sept 9 2014	14	5	5
Sept 10 2014	49	16	9
Oct 29 2014	13	10	12
April 9 2015	21	12	13
April 9 2015	18	13	12
June 8 103A	25	15	6
June 8 103B	27	9	5

This chart shows the 2 soil tests taken June 8, 2015 for soil nitrate content. They were air shipped to the lab and received back June 10th. Both samples show the natural breakdown of previous manure applications to the surface of the field. This nitrogen is being caught by the plant and the low tests at the 12-24 inch levels shows that there is none of that nitrogen building below or possibly leaching into the water table. With a controlled manure application after 1st cut is removed we would expect to see the top 0-6 inch level increase and then decrease back to the low levels seen here by the time 2nd cut is ready.