

A summary of the Average pH and Exchangeable Calcium from 29 field locations soil applied with **2.5 Gal/A Nutri-Cal**:

Soil pH			Exchangeable Calcium (lbs./acre)		
Check	Nutri-Cal	Increase	Check	Nutri-Cal	Increase
6.37	6.58	0.21	5358	6160	802

Proprietary -
OSI Chemical
Corporation



Field Soil Tests: Ankeny, Iowa

Nutri-Cal applied at 2.5 gallons/acre

	pH	Exchange Ca	Lime Rec.
Before	6.3	7,000	3,500
1 Month	7.0	8,500	1,100
2 Months	7.2	10,500	0
One Year	6.8	9,500	1,500

**BEFOR
E**

AFTER

pH Readings After 5 gal/acre Nutri-Cal Applied

Soil pH 5.7

12 hrs	24 hrs	36 hrs	48 hrs	72 hrs	One Week
6.38	6.65	6.73	6.91	6.85	6.82

Harris
Laboratories

Nutri-Cal In Lab pH Control Test

pH Readings with Dose of 5 gallons Nutri-Cal per acre

SOIL #5	Hours after application						
	12	24	36	48	72	Week	
9.5	8.40	8.15	8.21	8.12	8.00	7.92	7.91

Proprietary
CSI Chemical
Corporation

Harris Laboratories

Effectiveness of Treated (Solu-Lime) Compared to Conventional Lime

Treatment	Exchangeable Ca (ppm)			CABS (Percent)		
	2	5	8	2	5	8
Control	346	400	292	44.2	41.8	41.7
Regular Lime, 2000 lbs.	384	443	268	50.8	47.6	42.3
Solu-Lime, 500 lbs.	420	421	426	47.1	47.5	50.4
Solu-Lime, 1000 lbs.	474	571	434	51.2	50.0	51.6

- Pelletized lime was source of treated and untreated
- Solu-Lime is T.O.G. combined with lime
- Soil pH was 5.5, C.E.C. was 4.0
- **T.O.G. DOUBLED THE AMOUNT OF CALCIUM AVAILABLE VS LIME AFTER 8 WEEKS**

(Ruemmele, Bridget, University Rhode Island. 1995)

DEL MAR RACE TRACK TESTIMONIAL

PROGRAM BEFORE: alternating 20 lbs./1000 Calcium Carbonate and 20 lbs. calcium sulfate every other month

NUTRI-CAL PROGRAM: 12 ounces/1000 every month applied through fertigation system and ground sprayer

RESULTS:

BEFORE	740 LBS. NA /A	%NA Base Saturation	14.5
AFTER 4 MONTHS	332 LBS. NA/A	%NA Base Saturation	8.3

Leif Derickson

Effects of T.O.G. and Gypsum on Exchangeable Sodium and Electric Conductivity

