

NutriSmart™ Application Resulted in Root Mass Increase in Bermuda Greens, 2003, Clemson University, USA

Treatment	July, 2003 (grams)	October, 2003 (grams)
Control	0.545 a	0.635 a
NS400	0.608 a (+12%)	0.747 a (+18%)
NS600H	0.734 a (+35%)	0.782 a (+23%)
NS600L	0.618 a (+13%)	0.778 a (+23%)
P<0.05	0.647	0.435
Standard Deviation	0.050	0.024
LSD	0.325	0.236

Control = full fertiliser, 307 kg N/ha (6.3 lbN/1000 sq ft)

NS 400 = NutriSmart™ 400kg/ha, chemical fertiliser 42% of control

NS 600H = NutriSmart™ 600kg/ha, chemical fertiliser 42% of control

NS 600L = NutriSmart™ 600kg/ha, chemical fertiliser 32% of control

Chemical Fertiliser Reduction in Clemson University Trial, 2003, South Carolina, USA

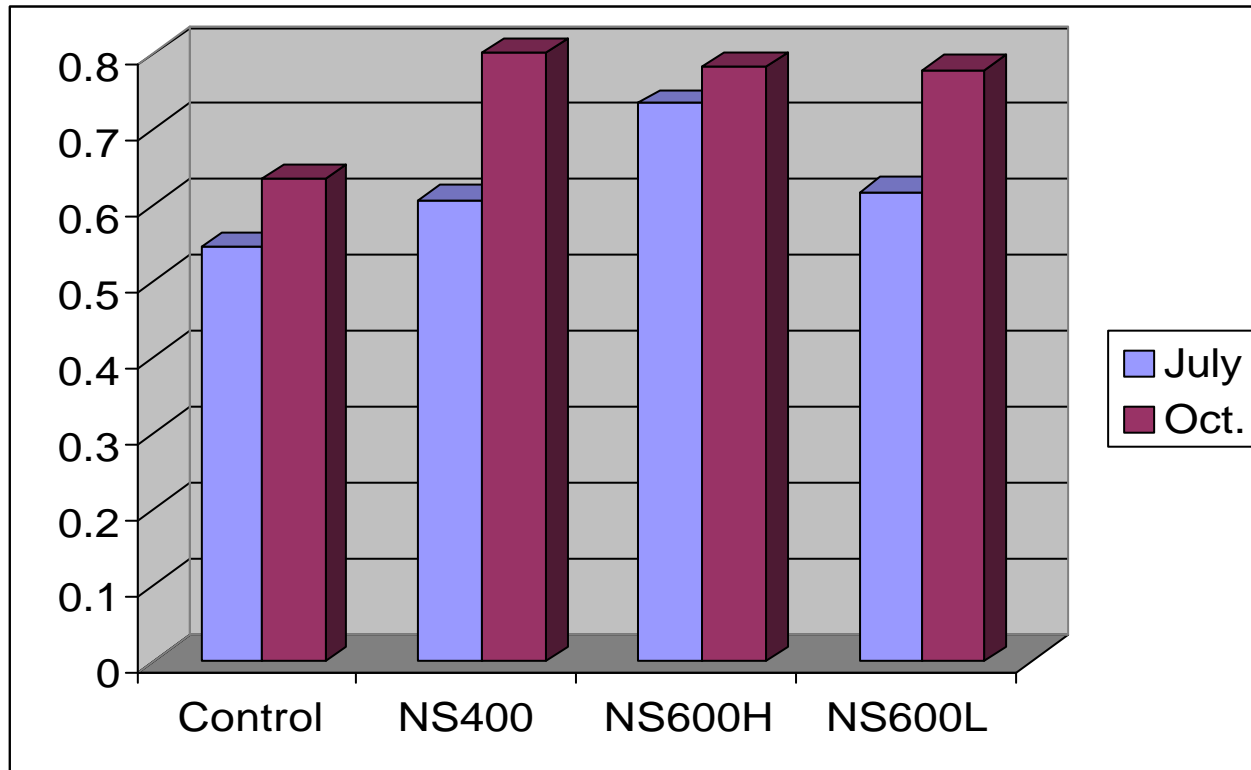
The NutriSmart™ fertiliser schedule for Bermuda grass in 2003 at Clemson, South Carolina, USA*

	Normal Practice (N lb/1000 sq. ft.)		May	June	July	Aug	Sep	Oct	Total	% Reduction of Control
	Date of Application		21st	20th	22nd	23rd	20th	11th		
A	Control		1.00	1.50	1.50	1.0	0.75	0.5	6.3	0%
B	NS 400		0.5	0.6	0.5	0.4	0.35	0.3	2.7	58%
C	NS 600H		0.5	0.6	0.5	0.4	0.35	0.3	2.7	58%
D	NS 600L		0.35	0.35	0.35	0.3	0.3	0.3	2.0	68%
	NS Application Schedule for B, C, D		√							

- NutriSmart™ (NS) dosages were 400 or 600 kg/ha for first application as indicated in the table.
- Chemical fertiliser reduction is around 40-70% reduction as to control, with NutriSmart™ application.
- H and L indicated the fertiliser dosages high or low, see table for more details.

Root Mass Increases in Clemson University Trial, USA

Root mass increases (dry wt. in grams, Bermuda greens).
The root samples were collected on July 22 and October 9, 2003



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- NS 600L= NutriSmart™ 600kg/ha, chemical fertiliser 32% of control