

Procrop T & O

57/17 Moo3 Senanives I Soi 118, Paholyotin Rd., Ladprao, Bangkok 10230
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Trial Report

Product Tested Sustane 2-3-3 and 4-6-4

Code

Location Leam Chabang Country Club, Chol Buri

Conductor CN

Plot Size 0.5 m²

Rep 3x

Start Date 5/8/06

Time am

Clim. Condition Sunny

Crop Bermudagrass

Variety Tifdwarf

Soil Modified USGA - pure sand

Irrigation Normal

Remarks

Treatment

#	Fertilizer	Formulation	Rate	Remarks
1	Sustane/sand	2-3-3	245 gm/m ² + 2 lt sand	
2	Sustane/sand	2-3-3	245 gm/m ² + 2 lt sand	Coring ½ x 4 x 2 inches
3	Sustane/sand	4-6-4	122 gm/m ² + 2 lt sand	
4	Sustane/sand	4-6-4	122 gm/m ² + 2 lt sand	Coring ½ x 4 x 2 inches
5	Sand only	-	2 lt sand	
6	Sand only	-	2 lt sand	Coring ½ x 4 x 2 inches

Apply as topdresser every month for 3 month. Treatments 2,4,6 cored before the first app.

1 lb N/100 m² of Scotts 18-9-18 was applied every month throughout the experiment.

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Evaluation

1. Quality of grass - visual rating from 9>1. 6.5 least acceptable.
2. Recovery from coring - 100>0 % recovery.

Results

1. Quality of Grass

WAA = Weeks after first app.

Trm.	2 WAA	3 WAA	4 WAA	5 WAA	6 WAA	7 WAA	8WAA*	10WAA	13WAA
1 Sustane 2-3-3	7	7.5	7.8	7.8	8	8	6.8	6.8	7.5
2 Sustane 2-3-3 + coring	6.8	7	7.3	7.5	8	8	6.8	6.8	7.5
3 Sustane 4-6-4	7	7.5	8	8	7.5	7.8	6.8	7	7.8
4 Sustane 4-6-4 + coring	6.8	7	7.5	8	8	8	7.3	7	7.8
5 Sand only	7	7.5	7.8	7.8	7.3	7	6.5	6.5	6.8
6 Sand + coring	6	6	6.8	6.8	6.5	7	6.5	6.5	6.5

* Verticutting at 8 WAA.

2. Recovery from Coring

Trm.	4 WAA	5 WAA	6 WAA	7 WAA
2	90	98	100	100
4	95	100	100	100
6	55	65	85	95

Discussion

1. In treatments 1,3,5 quality of grass is comparable until 6 WAA after which the untreated 5 dropped significantly.

2. Quality of the cored plots (2,4,6) differed from 2 WAA with the treated plots gave significantly better quality.

2. Recovery from coring is much better in the Sustane treatments (2 and 4) compared to the untreated 6.
