

Agri-Link ANALYTICAL

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Salt Out Research Project Grass Turf: Dominant Plus

Procedure:

Two nursery flats (16 X 16) of Dominant Plus Bent grass sod were established in a UC nursery mix and allowed to grow in a controlled green house. Both flats were irrigated with double de-ionized water for eight irrigations to stabilize the irrigation lechate.

After lechate stabilization and appropriate growing conditions were achieved, the nursery flats were irrigated with high ecw untreated water. The Salt Out test flat had the equivalent dosage of 12 ounces per 1000 sq. feet applied as a direct mist spray simulating a boom application.

The control was treated with the same amount and type of spray water, minus the Salt Out.

The flats were allowed to remain in the green house for 14 days after treatment.

Cuttings and cores were retrieved from the treated and control plots and combined to give a replicated sample upon which a tissue and soil analysis was performed.

Plant Tissue Analysis

Date: 4/02/03
Received from: Joe Mullinax
Company: Agri-Link
City: TURLOCK

Grower: Salt Out Research Project
Crop: Turf

| Lab Number: | L43895 | L43896 |
|-----------------|---------|---------|
| | 1 | 2 |
| Sample I.D.: | Control | Treated |
| Nitrogen (%) | 3.08 | 4.22 |
| Phosphorus (%) | 0.31 | 0.29 |
| Potassium (%) | 1.80 | 1.70 |
| Sulfur (%) | 0.92 | 0.88 |
| Calcium (%) | 0.75 | 0.77 |
| Magnesium (%) | 0.54 | 0.55 |
| Sodium (%) | 0.20 | 0.11 |
| Boron (ppm) | 88 | 95 |
| Zinc (ppm) | 39 | 49 |
| Iron (ppm) | 311 | 360 |
| Manganese (ppm) | 311 | 360 |
| Copper (ppm) | 12 | 13 |
| Chlorides (ppm) | 16010 | 8900 |

Reviewed and Approved by: _____ Dennis M. Serpa Jr. Joe Mullinax