Table 1.

	June 25, 2007 TDR Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**North Slope**	**Crown**	**South Slope**	**South Flat**
ACA 2634	14.5	14.3	12.4	14.5
ACA 1820	18.9	15.9	13.5	15.0
Check	15.9	14.4	13.1	15.1
Probability	NS*	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 2.

	June 29, 2007 TDR Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**North Slope**	**Crown**	**South Slope**	**South Flat**
ACA 2634	13.1	9.9	11.2	12.7
ACA 1820	17.4	14.1	12.0	13.5
Check	16.2	9.9	11.7	13.5
Probability	NS*	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 3.

	July 6, 2007 TDR Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**North Slope**	**Crown**	**South Slope**	**South Flat**
ACA 2634	12.4	10.7	12.2	13.4
ACA 1820	17.6	12.4	13.1	14.1
Check	13.7	10.9	13.8	14.6
Probability	NS*	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 4.

Wetting Agent	July 9, 2007 TDR Moisture Readings at a 3-inch depth from the 2NS sand plots			
	North Slope	**Crown**	**South Slope**	**South Flat**
ACA 2634	10.8	10.3	9.5	12.3
ACA 1820	18.7	10.9	10.2	11.7
Check	9.0	9.0	8.5	13.4
Probability	NS*	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 5.

Wetting Agent	July 13, 2007 TDR Moisture Readings at a 3-inch depth from the 2NS sand plots			
	North Slope	**Crown**	**South Slope**	**South Flat**
ACA 2634	12.9	11.4	11.9	12.9
ACA 1820	16.1	14.4	11.8	14.1
Check	14.0	12.9	11.3	14.7
Probability	NS*	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 6.

Wetting Agent	July 20, 2007 TDR Moisture Readings at a 3-inch depth from the 2NS sand plots			
	North Slope	**Crown**	**South Slope**	**South Flat**
ACA 2634	6.3	4.6	6.2	6.4
ACA 1820	14.4	6.8	5.9	6.8
Check	8.4	4.6	6.6	7.6
Probability	NS*	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 7.

	July 27, 2007 TDR Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**North Slope**	**Crown**	**South Slope**	**South Flat**
ACA 2634	12.1	10.8 a	10.8 a	12.1
ACA 1820	17.4	11.6 a	12.5 a	13.5
Check	10.5	6.4 b	5.7 b	10.9
Probability	NS*	0.05**	0.00	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 8.

June 20, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**Crown**	**South Slope**	**South Flat**
ACA 2634	4.0	4.0 b	4.0
ACA 1820	3.7	4.0 b	3.7
Check	4.7	5.0 a	3.7
Probability	NS*	0.00**	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 9.

June 26, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots.			
Wetting Agent	**Crown**	**South Slope**	**South Flat**
ACA 2634	4.0 b	4.3	4.0
ACA 1820	4.0 b	4.3	3.7
Check	5.0 a	4.3	4.0
Probability	0.0**	NS*	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 10.

July 24, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**Crown**	**South Slope**	**South Flat**
ACA 2634	5.0	5.0	4.8
ACA 1820	5.0	5.0	5.0
Check	5.0	5.0	4.7
Probability	NS*	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 11.

July 26, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**Crown**	**South Slope**	**South Flat**
ACA 2634	5.0	4.7	4.0
ACA 1820	5.0	4.7	4.7
Check	5.0	5.0	4.3
Probability	NS*	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 12.

Aug 7, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**Crown**	**South Slope**	**South Flat**
ACA 2634	3.0 b	2.7	3.7 b
ACA 1820	2.3 b	3.0	3.3 b
Check	5.0 a	5.0	5.0 a
Probability	0.00**	NS*	0.05

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 13.

Aug 10, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots				
Wetting Agent	**North**	**Crown**	**South Slope**	**South Flat**
ACA 2634	3.7	3.3 b	3.0	3.0
ACA 1820	4.0	3.0 b	2.7	3.3
Check	4.7	4.3 a	4.7	4.3
Probability	NS*	0.02**	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table14.

Aug 17, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots			
Wetting Agent	**Crown**	**South Slope**	**South Flat**
ACA 2634	4.3 ab	3.7	3.3
ACA 1820	4.0 b	4.0	3.7
Check	5.0 a	5.0	4.3
Probability	0.05**	NS*	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 15.

Aug 21, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots				
Wetting Agent	**North Slope**	**Crown**	**South Slope**	**South Flat**
ACA 2634	2.7 b	2.7 b	3.5 b	3.0
ACA 1820	2.7 b	3.0 b	3.7 b	3.7
Check	5.0 a	5.0 a	5.0 a	4.7
Probability	0.00**	0.00	0.05	NS*

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 16.

Aug 29, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots				
Wetting Agent	**North Slope**	**Crown**	**South Slope**	**South Flat**
ACA 2634	3.8 b	4.2	4.0 b	4.0
ACA 1820	3.7 b	4.2	4.0 b	4.2
Check	5.0 a	5.0	5.0 a	5.0
Probability	0.01**	NS*	0.02	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 17.

Sep 7, 2007 LDS rating scale 1-5 1=excellent 5=horrible Moisture Readings at a 3-inch depth from the 2NS sand plots				
Wetting Agent	**North Slope**	**Crown**	**South Slope**	**South Flat**
ACA 2634	5.0	5.0	5.0	4.7
ACA 1820	5.0	5.0	5.0	4.7
Check	5.0	5.0	5.0	5.0
Probability	NS*	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 18.

June 25, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	26	19 b	25	24
80% Sand 20% Peat	30	23 a	26	23
80% Sand 20% Soil	29	22 a	24	22
Probability	NS*	0.02**	NS	NS
Wetting Agent				
ACA 2634	29	22	25	24
ACA 1820	28	21	24	23
Control	28	21	26	23
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 19.

June 29, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	25	18 b	25	24
80% Sand 20% Peat	29	26 a	26	24
80% Sand 20% Soil	29	25 a	24	24
Probability	NS*	0.00**	NS	NS
Wetting Agent				
ACA 2634	28	23	24	24
ACA 1820	27	22	24	24
Control	28	24	25	25
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 20.

July 6, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	27	19 b	24	23
80% Sand 20% Peat	30	24 a	26	24
80% Sand 20% Soil	29	22 ab	23	23
Probability	NS*	0.00**	NS	NS
Wetting Agent				
ACA 2634	29	22	24	23
ACA 1820	28	21	24	23
Control	28	22	25	24
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 21.

July 9, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	26	16	22	23
80% Sand 20% Peat	29	22	24	22
80% Sand 20% Soil	28	20	22	21
Probability	NS*	NS	NS	NS
Wetting Agent				
ACA 2634	28	19	22	22
ACA 1820	27	19	23	22
Control	28	20	23	22
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 22.

July 13, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	North Slope	Crown	South Slope	South Flat
100% Sand	25	17	22	23
80% Sand 20% Peat	27	20	23	22
80% Sand 20% Soil	27	20	20	21
Probability	NS*	NS	NS	NS
Wetting Agent				
ACA 2634	27	19	21	22
ACA 1820	25	19	21	21
Control	26	19	23	23
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 23.

July 20, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	North Slope	Crown	South Slope	South Flat
100% Sand	22	11 b	20	19 a
80% Sand 20% Peat	26	17 a	22	19 a
80% Sand 20% Soil	25	14 a	19	17 b
Probability	NS*	0.01**	NS	0.02
Wetting Agent				
ACA 2634	25	14	20	18
ACA 1820	23	13	19	18
Control	25	14	21	19
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 24.

July 27, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	24	14	19	21
80% Sand 20% Peat	26	17	21	20
80% Sand 20% Soil	26	15	18	19
Probability	NS*	NS	NS	NS
Wetting Agent				
ACA 2634	26	16 a	19	20
ACA 1820	25	16 a	19	20
Control	25	14 b	19	20
Probability	NS	0.03**	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 25.

August 3, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	19	4	8	11
80% Sand 20% Peat	22	6	15	13
80% Sand 20% Soil	22	7	12	13
Probability	NS*	NS	NS	NS
Wetting Agent				
ACA 2634	21	5.4 b	11	12
ACA 1820	20	6.4 a	11	13
Control	22	5.1 b	12	11
Probability	NS	0.04**	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 26.

August 8, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	21	11	15	17
80% Sand 20% Peat	24	14	19	18
80% Sand 20% Soil	25	11	16	17
Probability	NS*	NS	NS	NS
Wetting Agent				
ACA 2634	24	14	17	18
ACA 1820	23	14	17	17
Control	22	12	16	17
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.

Table 27.

August 10, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	24	15	17	19
80% Sand 20% Peat	28	15	20	19
80% Sand 20% Soil	28	17	18	19
Probability	NS*	NS	NS	NS
Wetting Agent				
ACA 2634	27	17 a	18	21
ACA 1820	26	17 a	19	19
Control	27	13 b	19	18
Probability	NS	0.01**	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 28.

August 13, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	North Slope	Crown	South Slope	South Flat
100% Sand	19	3 b	8 b	13
80% Sand 20% Peat	23	8 a	15 a	15
80% Sand 20% Soil	22	8 a	13 ab	13
Probability	NS*	0.03**	0.04	NS
Wetting Agent				
ACA 2634	22	7	12	14
ACA 1820	21	7	12	13
Control	22	5	12	14
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 29.

August 14, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	North Slope	Crown	South Slope	South Flat
100% Sand	16 b	2	7	12
80% Sand 20% Peat	23 a	7	14	14
80% Sand 20% Soil	21 ab	7	11	13
Probability	0.04**	NS*	NS	NS
Wetting Agent				
ACA 2634	20	6	11	13
ACA 1820	19	5	12	13
Control	20	4	11	13
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 30.

August 15, 2007 TDR Moisture Readings at a 3-inch depth				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	16 b	1	5 b	11
80% Sand 20% Peat	23 a	5	12 a	11
80% Sand 20% Soil	22 a	5	9 ab	10
Probability	0.05	NS	0.01	NS
Wetting Agent				
ACA 2634	21	4	8	11
ACA 1820	20	4	10	10
Control	20	3	9	11
Probability	NS	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 31.

June 20, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor			
Soil Type	**Crown**	**South Slope**	**South Flat**
100% Sand	2.8	2.4	2.8
80% Sand 20% Peat	2.3	2.5	2.8
80% Sand 20% Soil	2.7	2.8	3.4
Probability	NS*	NS	NS
Wetting Agent			
ACA 2634	2.7	2.7 a	3.167
ACA 1820	2.4	2.8 a	3.083
Control	2.6	2.3 b	2.750
Probability	NS	0.03**	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 32.

June 26, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor			
Soil Type	**Crown**	**South Slope**	**South Flat**
100% Sand	3.0 ab	3.0	2.7
80% Sand 20% Peat	2.5 b	3.0	2.6
80% Sand 20% Soil	3.6 a	3.2	3.2
Probability	0.01**	NS*	NS
Wetting Agent			
ACA 2634	3.0	3.2	3.0
ACA 1820	3.2	3.2	2.8
Control	2.2	2.8	2.7
Probability	NS	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 33.

July 2, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	3.9 a	3.6 a	3.0	3.0
80% Sand 20% Peat	2.6 b	2.3 b	2.9	2.9
80% Sand 20% Soil	2.5 b	2.6 b	2.6	2.8
Probability	0.00**	0.00	NS*	NS
Wetting Agent				
ACA 2634	2.8 b	2.4 b	3.0	2.8
ACA 1820	2.8 b	2.8 b	2.9	2.8
Control	3.4 a	3.3 a	2.6	3.0
Probability	0.04	0.00	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 34.

July 24, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor			
Soil Type	**Crown**	**South Slope**	**South Flat**
100% Sand	4.8 a	3.3	3.5
80% Sand 20% Peat	3.8 c	3.5	3.5
80% Sand 20% Soil	4.3 b	3.8	3.7
Probability	0.00**	NS*	NS
Wetting Agent			
ACA 2634	4.3 ab	3.8 a	3.1
ACA 1820	4.5 a	3.6 a	3.7
Control	4.0 b	3.2 b	3.3
Probability	0.05	0.00	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 35.

July 26, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor			
Soil Type	**Crown**	**South Slope**	**South Flat**
100% Sand	3.8 a	2.5	2.6
80% Sand 20% Peat	1.6 b	2.8	2.8
80% Sand 20% Soil	2.5 b	2.7	2.8
Probability	0.00**	NS*	NS
Wetting Agent			
ACA 2634	2.6	3.0 a	2.9
ACA 1820	3.0	2.9 a	2.8
Control	2.4	2.0 b	2.5
Probability	NS	0.00	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 36.

August 7, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor			
Soil Type	**North Slope***	**Crown**	**South Slope**
100% Sand	2.5 a	3.0 a	2.6
80% Sand 20% Peat	1.3 b	1.4 b	1.3
80% Sand 20% Soil	1.3 b	1.5 b	1.2
Probability	0.01**	0.00	NS*
Wetting Agent			
ACA 2634	1.3 b	1.5 b	1.3 b
ACA 1820	1.2 b	1.4 b	1.3 b
Control	2.6 a	3.0 a	2.3 a
Probability	0.00	0.00	0.00

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.
***Two-way interaction, data presented in Table 42.

Table 37.

August 10, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor			
Soil Type	**Crown**	**South Slope**	**South Flat**
100% Sand	2.2	2.9	2.7
80% Sand 20% Peat	2.1	2.4	2.5
80% Sand 20% Soil	2.5	2.6	2.6
Probability	NS*	NS	NS
Wetting Agent			
ACA 2634	2.3 b	2.7	2.7
ACA 1820	2.3 b	2.6	2.5
Control	3.0 a	2.6	2.5
Probability	0.04**	NS	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 38.

August 17, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor			
Soil Type	**Crown**	**South Slope**	**South Flat**
100% Sand	4.0 a	3.2	2.8
80% Sand 20% Peat	2.5 b	2.2	2.3
80% Sand 20% Soil	2.5 b	2.2	2.3
Probability	0.01**	NS*	NS
Wetting Agent			
ACA 2634	2.7 b	2.5	2.2 b
ACA 1820	2.8 b	2.5	2.6 ab
Control	3.5 a	2.5	2.7 a
Probability	0.00	NS	0.05

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 39.

August 21, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	3.2 a	3.8	3.5 a	2.0
80% Sand 20% Peat	1.5 b	2.4	1.8 b	1.8
80% Sand 20% Soil	1.3 b	2.2	1.7 b	1.9
Probability	0.00**	NS*	0.01	NS
Wetting Agent				
ACA 2634	1.6 b	2.4 b	2.0 b	1.6 b
ACA 1820	1.6 b	2.3 b	1.9 b	1.5 b
Control	2.9 a	3.6 a	3.1 a	2.5 a
Probability	0.00	0.00	0.00	0.02

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 40.

August 29, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor				
Soil Type	**North Slope***	**Crown**	**South Slope**	**South Flat**
100% Sand	3.0 a	4.0	2.5	1.7
80% Sand 20% Peat	1.1 b	2.9	1.1	1.9
80% Sand 20% Soil	1.1 b	2.9	1.1	1.6
Probability	0.00	NS	NS	NS
Wetting Agent				
ACA 2634	1.8 b	2.8 b	1.3 b	1.5 b
ACA 1820	1.5 b	3.0 b	1.4 b	1.3 b
Control	2.3 a	3.9 a	2.0 a	2.3 a
Probability	0.00	0.02	0.03	0.02

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.
***Two-way interaction, data presented in Table 44.

Table 41.

September 7, 2007 Localized Dry Spot Ratings 1 = Excellent; 2 = Very Good; 3 = Good; 4 = Fair; 5 = Poor				
Soil Type	**North Slope**	**Crown**	**South Slope**	**South Flat**
100% Sand	4.8 a	5.0	4.3 a	2.6
80% Sand 20% Peat	1.8 b	3.9	1.5 b	2.0
80% Sand 20% Soil	2.0 b	4.1	1.6 b	1.9
Probability	0.00**	NS*	0.00	NS
Wetting Agent				
ACA 2634	2.8	4.2	2.3 b	2.1
ACA 1820	2.8	4.3	2.2 b	2.1
Control	2.0	4.5	2.9 a	2.3
Probability	NS	NS	0.03	NS

* NS denotes the data is not significant at the 5% level.
**Means in columns followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 42.

August 7 2007, North slope LDS root zone/surfactant interaction			
Soil	ACA 2634	ACA 1820	Check
Sand	1.8 bc	1.5 b	4.1 a
Sand/Peat	1.0 c	1.0 c	1.8 c
Sand/Soil	1.0 c	1.0 c	2.0 c
Probability	0.00*		

*Means followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.

Table 43.

August 29 2007, North slope LDS root zone/surfactant interaction			
Soil	ACA 2634	ACA 1820	Check
Sand	2.4 b	2.3 b	4.4 a
Sand/Peat	1.0 c	1.0 c	1.4 c
Sand/Soil	1.0 c	1.1 c	1.1 c
Probability	0.00*		

*Means followed by the same letter are not significantly different at the 5% level using the LSD mean separation test.