

TABLE 1.

TURFGRASS COLOR RATINGS FOR 2003 IN ATHENS, GA
FOLLOWING THE APPLICATION OF WETTING AGENTS.

NAME	TURFGRASS COLOR RATINGS ^a									
	1 WEEK ^b	3 WEEKS	5 WEEKS	7 WEEKS	9 WEEKS	11 WEEKS	13 WEEKS	15 WEEKS	17 WEEKS	YEARLY AVE.
AQUEDUCT	6.0	5.8	5.3	5.3	6.5	5.5	6.8	6.0	6.0	5.9
BRILLIANCE	6.0	6.0	6.3	6.3	6.5	7.0	6.3	6.3	6.3	6.3
CASCADE PLUS	6.0	4.8	4.0	4.0	4.5	5.8	7.0	6.5	6.5	5.4
CONTROL	8.0	7.3	7.3	6.8	7.0	7.0	6.8	6.8	6.8	7.1
HYDRO-WET	7.8	7.0	6.0	5.5	5.5	6.0	6.3	6.0	5.8	6.2
LESCOFLO	7.0	6.8	6.0	6.5	6.8	7.3	7.3	7.3	7.3	6.9
NAIAD	7.8	7.3	7.5	7.0	7.3	7.3	7.5	6.8	6.5	7.2
PRIMER SELECT	6.8	7.3	5.3	4.5	4.5	5.3	5.5	5.8	6.3	5.7
RESPOND 2	7.8	7.5	7.3	6.5	6.8	6.5	7.0	6.8	7.0	7.0
SURFSIDE 37	7.8	6.8	6.5	6.5	6.8	7.0	7.0	6.8	6.8	6.9
TRICURE	6.0	6.3	4.3	3.8	3.5	4.8	5.0	5.5	5.8	5.0
LSD ^c	0.5	0.6	0.9	1.3	1.3	1.8	1.0	0.9	0.9	0.7
CV ^d (%)	5.1	7.2	11.8	15.9	16.1	17.1	10.7	9.2	8.5	7.8

a) Turfgrass color was visually rated using a scale of 1=brown, 5=medium green and 9=dark green.

b) Color ratings were taken every two weeks beginning one week after the initial wetting agent application which was made on June 4, 2003.

c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).

d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 2.

TURFGRASS QUALITY RATINGS FOR 2003 IN ATHENS, GA
FOLLOWING THE APPLICATION OF WETTING AGENTS.

TURFGRASS QUALITY RATINGS ^a										
NAME	1 WEEK ^b	3 WEEKS	5 WEEKS	7 WEEKS	9 WEEKS	11 WEEKS	13 WEEKS	15 WEEKS	17 WEEKS	YEARLY AVE.
AQUEDUCT	7.8	6.8	5.5	5.3	5.8	4.8	5.5	5.3	5.3	5.8
BRILLIANCE	7.5	6.8	6.3	6.0	6.5	6.5	6.0	5.8	5.5	6.3
CASCADE PLUS	7.0	5.3	4.3	4.5	4.5	5.3	6.0	6.3	6.3	5.5
CONTROL	8.3	7.5	7.5	6.5	6.5	6.5	6.3	5.8	5.8	6.7
HYDRO-WET	8.0	7.3	6.5	5.5	5.8	5.5	5.8	5.5	5.3	6.1
LESCOFLO	8.0	7.5	6.5	6.5	7.0	6.8	7.0	7.0	7.0	7.0
NAIAD	8.0	7.5	7.5	7.0	7.3	7.0	7.0	6.5	5.8	7.1
PRIMER SELECT	7.8	7.3	5.8	4.3	4.3	5.0	5.3	4.8	5.3	5.5
RESPOND 2	7.8	7.8	7.5	7.0	7.0	6.8	6.8	6.3	6.5	7.0
SURFSIDE 37	8.0	7.3	7.0	6.5	6.8	7.0	6.8	6.5	6.5	6.9
TRICURE	7.5	7.0	5.0	4.0	4.0	4.3	4.5	4.5	4.8	5.1
LSD ^c	0.6	0.6	1.2	1.1	1.2	1.6	1.8	1.6	1.8	0.9
CV ^d (%)	4.9	6.3	13.3	14.3	15.0	17.7	17.2	16.4	16.5	10.3

- a) Turfgrass quality was visually rated using a scale of 1=poor quality, 5=acceptable quality and 9=excellent quality.
- b) Turfgrass quality ratings were taken every two weeks beginning one week after the initial wetting agent application which was made on June 4, 2003.
- c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).
- d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 3.

PHYTOTOXICITY RATINGS FOR 2003 IN ATHENS, GA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

PHYTOTOXICITY RATINGS^a

NAME	APP 1-1 ^b	APP 1-3	APP 1-7	APP 2-1	APP 2-3	APP 2-7	APP 3-1	APP 3-3	APP 3-7	APP 4-1	APP 4-3	APP 4-7	APP 5-1	APP 5-3	APP 5-7
AQUEDUCT	8.8	5.5	5.0	5.0	6.0	6.3	6.5	6.3	6.0	6.3	6.0	6.5	7.0	7.0	6.5
BRILLIANCE	9.0	5.5	5.5	5.8	6.5	7.0	6.3	6.5	6.8	7.0	6.8	6.5	7.5	7.5	6.8
CASCADE PLUS	8.3	6.3	6.8	6.5	7.0	6.3	5.8	6.0	5.5	6.0	5.5	5.8	6.0	6.0	5.0
CONTROL	9.0	8.5	8.3	8.3	8.3	8.8	8.5	8.8	8.5	8.8	8.5	8.0	8.0	8.0	8.0
HYDRO-WET	8.5	7.5	8.5	8.5	8.3	8.3	8.3	8.3	8.3	8.0	8.3	7.8	7.3	7.3	7.3
LESCOFLO	8.8	6.8	7.0	7.3	7.0	7.0	7.5	7.8	7.0	6.8	7.0	7.0	7.8	7.8	7.5
NAIAD	8.8	8.5	8.8	8.5	8.3	8.0	8.0	8.3	8.0	7.8	8.0	7.8	8.0	8.0	8.0
PRIMER SELECT	9.0	7.0	7.0	7.3	6.8	6.8	6.8	7.3	7.3	6.8	7.3	7.3	7.0	7.0	5.8
RESPOND 2	9.0	7.8	8.0	8.5	8.3	8.5	8.3	7.8	7.8	8.5	7.8	7.5	8.0	8.0	7.5
SURFSIDE 37	8.5	8.8	8.3	8.8	7.8	8.0	8.0	8.0	8.0	8.0	8.0	7.8	8.0	8.0	7.5
TRICURE	8.5	5.3	5.5	5.8	6.3	6.8	7.0	6.5	7.0	6.8	7.0	6.8	7.0	6.8	4.8
LSD ^c	1.3	1.2	1.0	0.8	1.0	1.0	0.9	0.8	0.6	0.9	0.6	0.8	0.3	0.4	0.9
CV ^d (%)	6.4	12.2	10.1	8.7	10.0	9.6	9.2	7.8	6.3	9.1	6.3	7.5	3.5	4.1	10.2

a) Phytotoxicity was visually rated using a scale of 1=brown or discolored turf, 7=acceptable damage and 9=green turf, no damage.

b) Phytotoxicity ratings were taken one, three and seven days after each application of any wetting agent. App 1-1 refers to application number one, the ratings were taken one day after application.

c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).

d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 3. (CONTINUED)

PHYTOTOXICITY RATINGS FOR 2003 IN ATHENS, GA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

PHYTOTOXICITY RATINGS ^a															
NAME	APP 6-1 ^b	APP 6-3	APP 6-7	APP 7-1	APP 7-3	APP 7-7	APP 8-1	APP 8-3	APP 8-7	APP 9-1	APP 9-3	APP 9-7	APP 10-1	APP 10-3	APP 10-7
AQUEDUCT	6.0	5.8	6.0	5.8	5.0	5.5	6.5	6.8	6.8	6.8	6.0	6.5	6.3	6.3	6.3
BRILLIANCE	7.0	7.0	6.5	6.5	6.5	6.5	6.8	7.0	7.3	7.3	7.3	7.3	7.5	7.8	8.0
CASCADE PLUS	5.0	5.0	4.5	4.8	4.5	5.5	5.8	5.8	5.8	5.8	6.5	6.8	6.5	6.5	6.8
CONTROL	8.0	8.0	7.5	8.0	7.8	7.8	7.5	7.5	7.0	7.0	7.0	7.5	7.5	7.5	7.8
HYDRO-WET	7.0	7.0	6.5	6.3	6.3	6.3	6.0	6.0	5.8	5.8	5.8	6.0	6.5	6.5	6.5
LESCOFLO	7.3	7.3	7.3	7.3	7.0	7.0	7.0	7.3	7.0	7.0	7.0	7.3	7.0	7.0	7.3
NAIAD	7.8	7.8	7.8	7.5	7.5	7.5	8.0	8.0	7.3	7.3	7.3	7.8	7.3	7.3	8.0
PRIMER SELECT	5.5	5.5	4.5	4.5	4.3	5.0	6.0	5.5	5.0	4.8	5.3	5.8	6.0	6.0	6.3
RESPOND 2	7.5	7.3	7.5	7.5	7.3	7.5	7.3	7.3	7.0	6.8	6.8	7.3	7.5	7.5	7.3
SURFSIDE 37	7.0	7.3	7.0	7.0	6.8	7.0	7.8	7.8	7.8	7.5	7.8	8.0	7.8	7.5	7.8
TRICURE	4.8	4.8	4.0	4.0	3.5	4.5	4.8	4.5	4.5	4.5	4.5	5.3	4.8	4.8	5.0
LSD ^c	0.9	1.0	0.9	1.1	1.1	1.0	1.4	1.4	1.3	1.1	1.2	1.0	1.0	1.0	1.0
CV ^d (%)	10.3	10.8	11.3	12.6	13.9	11.7	14.0	14.1	13.5	12.6	12.6	10.0	10.3	10.8	10.2

- a) Phytotoxicity was visually rated using a scale of 1=brown or discolored turf, 7=acceptable damage and 9=green turf, no damage.
- b) Phytotoxicity ratings were taken one, three and seven days after each application of any wetting agent. App 6-1 refers to application number six, the ratings were taken one day after application.
- c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).
- d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 3. (CONTINUED)

PHYTOTOXICITY RATINGS FOR 2003 IN ATHENS, GA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

NAME	PHYTOTOXICITY RATINGS ^a											
	APP 11-1 ^b	APP 11-3	APP 11-7	APP 12-1	APP 12-3	APP 12-7	APP 13-1	APP 13-3	APP 13-7	APP 14-1	APP 14-3	APP 14-7
AQUEDUCT	6.8	7.0	7.3	7.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
BRILLIANCE	7.0	6.8	6.8	6.5	6.5	6.5	6.3	6.3	6.8	6.5	6.8	6.8
CASCADE PLUS	7.0	7.3	7.0	7.0	7.3	7.0	7.3	7.3	7.3	7.0	7.3	7.0
CONTROL	6.8	7.0	7.8	7.8	7.8	7.0	7.8	7.8	7.0	7.0	7.0	7.0
HYDRO-WET	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.3	6.3	6.8
LESCOFLO	7.0	7.0	7.8	7.8	7.8	7.5	7.8	7.8	7.5	7.5	7.5	7.5
NAIAD	7.3	7.8	7.8	7.8	7.8	7.5	7.8	7.8	7.5	7.5	7.5	7.5
PRIMER SELECT	5.8	5.8	6.0	6.0	6.0	6.3	6.0	6.5	6.3	6.3	6.3	6.3
RESPOND 2	7.3	7.5	7.5	7.5	7.5	7.8	7.5	7.5	7.8	7.8	7.8	7.8
SURFSIDE 37	7.3	7.3	8.0	8.0	7.8	7.3	7.8	7.8	7.0	7.0	7.0	7.0
TRICURE	6.0	6.0	6.3	6.3	6.3	6.0	6.3	6.3	6.3	6.0	6.3	6.3
LSD ^c	1.7	0.9	0.9	0.9	1.0	0.8	1.0	0.9	0.8	0.9	0.8	1.0
CV ^d (%)	12.3	8.8	8.9	8.9	9.7	8.0	9.6	8.4	8.0	8.4	8.0	8.5

a) Phytotoxicity was visually rated using a scale of 1=brown or discolored turf, 7=acceptable damage and 9=green turf, no damage.

b) Phytotoxicity ratings were taken one, three and seven days after each application of any wetting agent. App 11-1 refers to application number 11, the ratings were taken one day after application.

c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).

d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 4. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN ATHENS, GA
TWO WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

WATER DROPLET PENETRATION MEASURED IN SECONDS ^a						
NAME	0.5 CM ^b	1.5 CM	2.5 CM	3.5 CM	4.5 CM	5.5 CM
AQUEDUCT	2.0	6.3	8.0	6.8	4.8	3.0
BRILLIANCE	1.0	1.5	3.3	2.0	1.3	1.3
CASCADE PLUS	1.0	1.0	1.0	1.0	1.0	1.0
CONTROL	216.8	93.3	74.0	33.0	15.3	5.8
HYDRO-WET	28.0	41.3	31.0	16.5	8.8	3.3
LESCOFLO	6.5	10.0	6.0	6.3	3.3	2.8
NAIAD	101.0	41.5	21.0	10.8	5.5	3.0
PRIMER SELECT	2.0	3.3	2.8	2.3	2.0	1.8
RESPOND 2	95.8	86.3	62.3	12.8	5.3	3.3
SURFSIDE 37	105.5	86.8	28.0	10.3	4.8	2.8
TRICURE	1.0	1.0	2.5	2.0	2.3	1.8
LSD ^c	92.9	82.2	62.6	18.0	9.8	3.4
CV ^d (%)	124.3	141.8	158.8	116.0	111.9	67.9

a) The maximum time for water droplet penetration was 600 seconds. Any water droplet remaining after 600 seconds was recorded as 600 seconds.

b) Depth in centimeters below the soil surface.

c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).

d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 5. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN ATHENS, GA
FOUR WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

WATER DROPLET PENETRATION MEASURED IN SECONDS ^a						
NAME	0.5 CM ^b	1.5 CM	2.5 CM	3.5 CM	4.5 CM	5.5 CM
AQUEDUCT	2.0	5.3	4.5	3.5	3.8	2.0
BRILLIANCE	3.8	4.3	6.8	5.8	3.5	1.8
CASCADE PLUS	1.3	1.5	2.0	1.8	1.3	1.3
CONTROL	311.8	128.0	113.0	14.0	6.0	3.5
HYDRO-WET	21.5	31.0	71.0	60.0	17.5	15.8
LESCOFLO	5.3	7.3	7.5	4.3	3.3	2.0
NAIAD	175.8	49.3	26.0	12.5	4.5	3.0
PRIMER SELECT	5.0	5.0	6.8	3.0	2.0	1.5
RESPOND 2	186.3	65.0	32.3	20.5	10.5	5.3
SURFSIDE 37	215.5	49.3	28.5	12.8	5.8	2.8
TRICURE	1.3	2.0	2.0	1.8	1.3	1.3
LSD ^c	99.3	67.9	82.9	66.0	14.5	9.7
CV ^d (%)	86.2	135.6	170.7	239.0	136.9	151.5

- a) The maximum time for water droplet penetration was 600 seconds. Any water droplet remaining after 600 seconds was recorded as 600 seconds.
- b) Depth in centimeters below the soil surface.
- c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).
- d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 6. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN ATHENS, GA
EIGHT WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

WATER DROPLET PENETRATION MEASURED IN SECONDS ^a						
NAME	0.5 CM ^b	1.5 CM	2.5 CM	3.5 CM	4.5 CM	5.5 CM
AQUEDUCT	1.3	3.0	9.3	6.3	4.5	2.3
BRILLIANCE	12.0	9.8	10.8	5.8	3.5	2.0
CASCADE PLUS	4.0	4.3	3.3	2.3	1.8	1.3
CONTROL	175.8	92.0	37.0	27.3	8.5	5.3
HYDRO-WET	2.3	6.5	18.5	8.5	3.5	2.8
LESCOFLO	15.0	20.3	13.0	8.8	4.3	1.8
NAIAD	141.3	48.8	17.8	7.5	3.3	2.3
PRIMER SELECT	10.3	12.3	12.5	8.8	4.3	3.5
RESPOND 2	146.3	67.8	31.5	16.5	7.3	2.3
SURFSIDE 37	104.3	101.3	44.0	17.0	8.5	2.8
TRICURE	2.0	2.8	3.0	4.5	2.3	1.5
LSD ^c	44.9	26.7	15.9	17.0	5.8	3.7
CV ^d (%)	60.6	59.5	60.9	93.1	68.5	72.9

- a) The maximum time for water droplet penetration was 600 seconds. Any water droplet remaining after 600 seconds was recorded as 600 seconds.
- b) Depth in centimeters below the soil surface.
- c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).
- d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 7. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN ATHENS, GA
 12 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

WATER DROPLET PENETRATION MEASURED IN SECONDS ^a						
NAME	0.5 CM ^b	1.5 CM	2.5 CM	3.5 CM	4.5 CM	5.5 CM
AQUEDUCT	2.3	7.5	7.8	4.3	3.5	3.3
BRILLIANCE	83.0	60.3	13.8	5.3	2.5	1.8
CASCADE PLUS	11.3	5.5	3.8	2.5	2.3	1.3
CONTROL	316.0	98.5	22.5	10.5	3.5	2.5
HYDRO-WET	1.0	1.8	3.3	4.0	2.0	1.8
LESCOFLO	106.5	97.0	16.0	10.8	5.3	2.8
NAIAD	283.8	76.3	22.8	9.0	3.3	1.8
PRIMER SELECT	25.5	6.3	4.5	3.3	2.8	1.8
RESPOND 2	94.0	39.5	17.3	6.5	2.8	1.5
SURFSIDE 37	291.8	75.8	32.3	8.3	6.0	3.0
TRICURE	2.3	1.5	1.5	1.3	1.0	1.0
LSD ^c	154.8	153.4	13.4	5.4	3.5	3.2
CV ^d (%)	96.8	166.5	69.0	57.9	60.9	70.8

a) The maximum time for water droplet penetration was 600 seconds. Any water droplet remaining after 600 seconds was recorded as 600 seconds.

b) Depth in centimeters below the soil surface.

c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).

d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 8. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN ATHENS, GA
 16 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON JUNE 4, 2003.

WATER DROPLET PENETRATION MEASURED IN SECONDS ^a						
NAME	0.5 CM ^b	1.5 CM	2.5 CM	3.5 CM	4.5 CM	5.5 CM
AQUEDUCT	2.8	7.3	11.3	12.5	7.0	3.5
BRILLIANCE	2.0	5.8	6.8	16.0	17.0	22.0
CASCADE PLUS	40.8	14.5	12.8	8.5	7.3	7.0
CONTROL	429.5	223.3	166.0	139.3	49.8	15.0
HYDRO-WET	1.3	24.8	42.5	50.0	32.0	23.8
LESCOFLO	228.8	127.3	74.5	80.3	24.5	15.3
NAIAD	491.8	379.5	316.3	240.0	183.3	65.8
PRIMER SELECT	12.8	23.3	21.5	21.8	10.0	10.0
RESPOND 2	370.0	149.5	132.0	125.0	80.8	64.3
SURFSIDE 37	523.5	404.3	316.8	258.3	103.8	54.0
TRICURE	4.0	4.8	4.8	5.0	3.5	3.3
LSD ^c	104.7	146.3	154.7	241.6	147.0	94.5
CV ^d (%)	41.8	85.3	105.4	150.3	167.7	168.1

- a) The maximum time for water droplet penetration was 600 seconds. Any water droplet remaining after 600 seconds was recorded as 600 seconds.
- b) Depth in centimeters below the soil surface.
- c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).
- d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.

TABLE 9. YEARLY AVERAGE WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN ATHENS, GA AFTER THE APPLICATION OF WETTING AGENTS.

WATER DROPLET PENETRATION MEASURED IN SECONDS ^a						
NAME	0.5 CM ^b	1.5 CM	2.5 CM	3.5 CM	4.5 CM	5.5 CM
AQUEDUCT	2.1	5.9	8.2	6.7	4.7	2.8
BRILLIANCE	20.4	16.3	8.3	7.0	5.6	5.8
CASCADE PLUS	11.7	5.4	4.6	3.2	2.7	2.4
CONTROL	290.0	127.0	82.5	44.8	16.6	6.4
HYDRO-WET	10.8	21.1	33.3	27.8	12.8	9.5
LESCOFLO	72.4	52.4	23.4	22.1	8.1	4.9
NAIAD	238.7	119.1	80.8	56.0	40.0	15.2
PRIMER SELECT	11.1	10.0	9.6	7.8	4.2	3.7
RESPOND 2	178.5	81.6	55.1	36.3	21.3	15.3
SURFSIDE 37	248.1	143.5	89.9	61.3	25.8	13.1
TRICURE	2.1	2.4	2.8	2.9	2.1	1.8
LSD ^c	52.9	47.2	36.8	50.1	30.8	19.0
CV ^d (%)	41.1	65.2	72.3	113.5	128.1	121.8

- a) The maximum time for water droplet penetration was 600 seconds. Any water droplet remaining after 600 seconds was recorded as 600 seconds.
- b) Depth in centimeters below the soil surface.
- c) LSD is the least significant difference among the treatment means. To determine if one treatment is significantly different from another, subtract the mean of one treatment from the mean of another treatment. A statistically significant difference occurs when this value is larger than the LSD value given at the bottom of the column. Treatment means should be compared only within a column (LSD 0.05).
- d) CV is the coefficient of variation and indicates the percent variation of the treatment means in each column.