

TABLE 1. TURFGRASS COLOR RATINGS FOR 2003 IN LAKE OZARK, MO
FOLLOWING THE APPLICATION OF WETTING AGENTS.

TURFGRASS COLOR RATINGS ^a								
NAME	1 WEEK ^b	3 WEEKS	5 WEEKS	7 WEEKS	13 WEEKS	15 WEEKS	17 WEEKS	YEARLY AVE.
AQUEDUCT	6.0	4.8	7.0	5.8	6.8	7.5	8.0	6.5
BRILLIANCE	5.5	5.0	6.0	5.8	6.8	7.5	7.8	6.3
CASCADE PLUS	3.8	3.0	6.0	6.0	7.0	7.8	7.8	5.9
CONTROL	5.5	5.0	6.0	6.0	7.0	7.8	7.8	6.4
HYDRO-WET	5.3	5.5	6.5	5.3	6.5	7.8	7.8	6.4
LESCOFLO	6.0	5.8	6.5	6.0	6.8	8.0	8.0	6.7
NAIAD	6.0	5.8	6.3	5.8	6.8	7.5	8.0	6.6
PRIMER SELECT	6.0	4.8	6.8	6.0	6.3	7.5	7.8	6.4
RESPOND 2	6.0	5.0	6.3	5.8	6.8	7.8	7.5	6.4
SURFSIDE 37	6.0	4.8	6.5	5.8	7.0	7.8	7.8	6.5
TRICURE	5.8	4.8	6.8	5.8	6.8	8.0	7.8	6.5
LSD ^c	1.0	1.1	1.8	1.0	1.1	0.8	1.1	0.3
CV ^d (%)	11.9	14.9	11.6	7.7	6.8	4.7	5.3	3.4

- 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 May 12, 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 LAKE OZARK, MO
FOLLOWING THE APPLICATION OF WETTING AGENTS.

TURFGRASS QUALITY RATINGS ^a								YEARLY
NAME	1 WEEK ^b	3 WEEKS	5 WEEKS	7 WEEKS	13 WEEKS	15 WEEKS	17 WEEKS	AVE.
AQUEDUCT	6.8	5.8	7.3	7.3	6.8	7.3	7.8	7.0
BRILLIANCE	6.5	5.5	6.0	6.8	7.0	7.3	7.8	6.7
CASCADE PLUS	6.3	4.3	6.0	7.3	7.0	7.5	8.0	6.6
CONTROL	6.3	5.5	6.0	7.0	6.5	7.3	7.5	6.6
HYDRO-WET	6.3	5.5	6.5	6.8	7.0	7.8	8.0	6.8
LESCOFLO	7.0	6.0	6.5	7.5	7.3	7.8	8.0	7.1
NAIAD	7.0	5.8	6.3	7.0	7.0	7.8	8.0	7.0
PRIMER SELECT	6.8	5.5	6.5	7.3	7.3	7.5	8.0	7.0
RESPOND 2	7.0	6.0	6.3	7.0	6.8	7.5	8.0	6.9
SURFSIDE 37	7.0	5.5	6.5	7.0	7.3	7.5	8.0	7.0
TRICURE	6.5	5.5	6.8	7.3	7.0	7.5	8.0	6.9
LSD ^c	1.4	1.1	1.6	1.3	1.0	1.0	0.8	0.5
CV ^d (%)	9.2	11.0	10.9	7.5	6.4	5.8	4.3	3.6

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 May 12, 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 LAKE OZARK, MO
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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	9.0	9.0	9.0	9	9	9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
BRILLIANCE	9.0	8.5	9.0	9	9	9	8.5	8.5	8.3	9.0	9.0	9.0	9.0	9.0	9.0
CASCADE PLUS	8.5	7.0	6.3	9	9	9	7.0	6.3	3.8	9.0	9.0	9.0	9.0	9.0	9.0
CONTROL	8.8	8.5	9.0	9	9	9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
HYDRO-WET	8.8	8.5	8.0	9	9	9	9.0	9.0	9.0	8.8	8.8	8.3	9.0	9.0	9.0
LESCOFLO	9.0	9.0	9.0	9	9	9	9.0	9.0	9.0	9.0	8.0	7.3	9.0	9.0	9.0
NAIAD	9.0	8.5	9.0	9	9	9	9.0	9.0	9.0	8.8	8.5	8.3	9.0	9.0	9.0
PRIMER SELECT	8.8	8.3	9.0	9	9	9	9.0	9.0	9.0	9.0	9.0	9.0	7.5	7.5	9.0
RESPOND 2	9.0	8.8	9.0	9	9	9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
SURFSIDE 37	8.8	8.3	9.0	9	9	9	9.0	9.0	9.0	9.0	9.0	8.5	9.0	9.0	9.0
TRICURE	9.0	8.8	9.0	9	9	9	9.0	9.0	9.0	9.0	9.0	9.0	8.5	8.5	9.0
LSD ^c	0.9	1.1	1.0	0	0	0	3.1	2.6	2.0	3.2	3.3	3.3	3.2	3.2	3.1
CV ^d (%)	4.1	7.9	7.9	0	0	0	17.0	16.7	16.9	15.6	16.6	17.5	16.6	16.6	15.4

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 LAKE OZARK, MO
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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	6.5	6.5	7	9.0	9.0	9.0	9.0	9.0	9.0	6.8	6.5	7	9.0	9.0	9.0
BRILLIANCE	9.0	9.0	9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9	9.0	9.0	9.0
CASCADE PLUS	9.0	9.0	9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9	9.0	9.0	9.0
CONTROL	9.0	9.0	9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9	9.0	9.0	9.0
HYDRO-WET	9.0	9.0	9	6.5	6.8	6.8	6.8	6.8	6.8	9.0	9.0	9	6.8	7.0	7.0
LESCOFLO	9.0	9.0	9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9	9.0	9.0	9.0
NAIAD	9.0	9.0	9	6.8	6.8	6.8	9.0	9.0	9.0	9.0	9.0	9	7.0	7.0	7.0
PRIMER SELECT	9.0	9.0	9	9.0	9.0	9.0	6.8	6.8	6.8	9.0	9.0	9	9.0	9.0	9.0
RESPOND 2	9.0	9.0	9	9.0	9.0	9.0	6.8	6.8	6.8	9.0	9.0	9	9.0	9.0	9.0
SURFSIDE 37	9.0	9.0	9	6.0	6.5	7.0	5.8	6.8	6.5	9.0	9.0	9	5.8	6.3	6.8
TRICURE	9.0	9.0	9	9.0	9.0	9.0	6.8	6.8	6.8	9.0	9.0	9	9.0	9.0	9.0
LSD ^c	0.2	0.2	0	0.4	0.3	0.3	0.3	0.3	0.4	0.2	0.4	0	0.3	0.2	0.2
CV ^d (%)	2.0	2.0	0	3.9	3.1	2.4	3.3	3.3	4.3	1.7	3.4	0	2.4	1.8	1.8

- 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 LAKE OZARK, MO
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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
AQUEDUCT	9.0	9.0	9.0	9	9	9	9	9	9
BRILLIANCE	9.0	9.0	9.0	9	9	9	9	9	9
CASCADE PLUS	9.0	9.0	9.0	9	9	9	9	9	9
CONTROL	9.0	9.0	9.0	9	9	9	9	9	9
HYDRO-WET	6.5	6.8	6.8	9	9	9	9	9	9
LESCOFLO	9.0	9.0	9.0	9	9	9	9	9	9
NAIAD	9.0	9.0	9.0	9	9	9	9	9	9
PRIMER SELECT	6.5	6.8	6.8	9	9	9	9	9	9
RESPOND 2	9.0	9.0	9.0	9	9	9	9	9	9
SURFSIDE 37	5.5	6.5	6.5	9	9	9	9	9	9
TRICURE	6.8	6.8	6.8	9	9	9	9	9	9
LSD ^c	0.6	0.4	0.4	0	0	0	0	0	0
CV ^d (%)	5.8	4.2	4.2	0	0	0	0	0	0

- 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 LAKE OZARK, MO
TWO WEEKS AFTER THE INITIAL FIRST APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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	14.0	8.3	9.3	6.5	5.0	4.5
BRILLIANCE	1.8	2.3	4.5	8.0	7.3	6.3
CASCADE PLUS	4.5	2.0	5.8	6.5	6.3	4.8
CONTROL	30.3	14.3	9.8	9.3	7.0	5.3
HYDRO-WET	23.8	11.8	6.5	5.8	4.8	3.5
LESCOFLO	8.3	14.8	11.0	7.3	6.8	5.3
NAIAD	24.3	14.3	6.5	17.5	14.0	10.8
PRIMER SELECT	17.5	11.5	8.5	6.5	5.8	4.0
RESPOND 2	22.8	15.5	9.0	8.0	5.0	4.3
SURFSIDE 37	9.3	17.5	11.5	6.3	5.3	5.5
TRICURE	9.0	11.8	9.0	7.3	5.3	5.5
LSD ^c	12.9	7.7	10.0	15.4	13.4	9.7
CV ^d (%)	57.7	45.2	52.7	82.2	85.4	75.5

- 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 5. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN LAKE OZARK, MO
 FOUR WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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	18.5	18.5	8.3	6.8	8.0	5.3
BRILLIANCE	6.8	4.8	5.3	5.3	4.3	4.5
CASCADE PLUS	10.8	6.5	5.3	6.3	6.8	6.0
CONTROL	31.8	16.0	8.5	8.8	7.5	6.3
HYDRO-WET	8.8	9.0	8.0	7.3	5.5	5.3
LESCOFLO	6.5	12.5	4.0	5.8	4.8	4.5
NAIAD	26.0	9.0	7.5	6.3	5.3	5.3
PRIMER SELECT	5.0	5.3	6.0	6.0	5.8	3.8
RESPOND 2	20.5	18.0	6.5	4.8	5.0	5.3
SURFSIDE 37	11.0	11.3	7.5	9.3	8.5	4.3
TRICURE	1.3	7.5	7.0	8.3	6.5	5.3
LSD ^c	11.8	11.5	5.1	3.2	6.3	4.1
CV ^d (%)	61.4	60.6	36.4	27.5	44.8	33.0

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 LAKE OZARK, MO
EIGHT WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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	22.3	18.3	7.3	5.3	5.3	4.8
BRILLIANCE	14.0	9.0	6.3	4.3	5.0	4.0
CASCADE PLUS	10.0	10.5	6.8	9.0	7.5	5.5
CONTROL	26.3	19.8	8.3	8.5	8.0	4.8
HYDRO-WET	11.8	13.5	4.5	6.3	5.8	4.8
LESCOFLO	28.3	20.3	8.0	6.3	6.0	5.3
NAIAD	19.3	14.5	6.8	8.5	6.3	6.3
PRIMER SELECT	13.3	15.8	6.8	5.8	5.0	6.0
RESPOND 2	23.5	20.3	7.0	5.3	5.0	4.0
SURFSIDE 37	22.0	14.5	7.5	9.3	8.5	4.8
TRICURE	8.5	9.3	7.0	6.8	6.0	5.0
LSD ^c	19.1	23.1	7.0	7.0	7.4	4.8
CV ^d (%)	55.6	63.1	38.8	46.5	48.0	37.1

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 7. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN LAKE OZARK, MO
 12 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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	13.0	12.3	8.0	4.8	6.3	5.8
BRILLIANCE	25.5	19.0	5.8	4.5	4.3	4.3
CASCADE PLUS	16.8	15.3	6.3	5.3	3.0	4.5
CONTROL	28.8	17.8	10.0	6.8	5.8	4.8
HYDRO-WET	9.0	15.5	8.8	8.3	5.5	3.8
LESCOFLO	24.8	20.8	12.0	6.5	6.0	5.3
NAIAD	23.0	14.0	10.0	6.8	5.3	3.8
PRIMER SELECT	2.8	10.3	12.0	5.0	5.0	4.3
RESPOND 2	26.3	21.8	8.5	5.8	4.5	4.0
SURFSIDE 37	23.0	16.8	8.3	5.0	4.3	4.8
TRICURE	7.8	14.0	10.3	6.3	4.5	4.0
LSD ^c	14.4	17.8	10.2	4.5	5.6	5.1
CV ^d (%)	50.9	46.5	47.5	34.8	45.8	42.6

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 LAKE OZARK, MO
 16 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 12, 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	4.3	13.0	9.0	14.8	8.8	8.0
BRILLIANCE	9.8	9.3	8.8	10.3	11.8	8.3
CASCADE PLUS	13.5	14.3	7.8	7.3	9.5	8.8
CONTROL	24.5	22.3	10.5	8.8	8.8	7.5
HYDRO-WET	9.8	15.0	7.3	11.5	8.5	7.3
LESCOFLO	16.0	20.8	8.5	8.3	7.3	5.8
NAIAD	100.5	17.3	11.8	9.0	6.3	5.5
PRIMER SELECT	9.5	11.0	9.5	10.3	8.0	6.0
RESPOND 2	15.0	15.0	9.0	9.3	6.8	6.5
SURFSIDE 37	22.3	18.5	10.5	9.0	7.8	8.3
TRICURE	7.5	14.5	12.8	11.0	9.8	10.3
LSD ^c	102.1	22.1	12.4	12.6	7.1	6.6
CV ^d (%)	225.3	57.9	49.2	50.0	36.6	38.4

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 LAKE OZARK, MO 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	14.4	14.1	8.4	7.6	6.7	5.7
BRILLIANCE	11.6	8.9	6.1	6.5	6.5	5.5
CASCADE PLUS	11.1	9.7	6.4	6.9	6.6	5.9
CONTROL	28.3	18.0	9.4	8.4	7.4	5.7
HYDRO-WET	12.6	13.0	7.0	7.8	6.0	4.9
LESCOFLO	16.8	17.8	8.7	6.8	6.2	5.2
NAIAD	38.6	13.8	8.5	9.6	7.4	6.3
PRIMER SELECT	9.6	10.8	8.6	6.7	5.9	4.8
RESPOND 2	21.6	18.1	8.0	6.6	5.3	4.8
SURFSIDE 37	17.5	15.7	9.1	7.8	6.9	5.5
TRICURE	6.8	11.4	9.2	7.9	6.4	6.0
LSD ^c	18.3	8.6	5.7	5.2	4.4	3.8
CV ^d (%)	64.2	34.0	29.7	28.5	26.4	26.4

- 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 10. DEW FORMATION/CONTROL RATINGS FOR 2003 IN LAKE OZARK, MO
FOLLOWING THE APPLICATION OF WETTING AGENTS.

DEW FORMATION/CONTROL RATINGS

NAME	DEW 1 ^b
AQUEDUCT	1.5
BRILLIANCE	2.5
CASCADE PLUS	3.8
CONTROL	1.0
HYDRO-WET	3.5
LESCOFLO	4.3
NAIAD	3.3
PRIMER SELECT	1.5
RESPOND 2	1.0
SURFSIDE 37	3.3
TRICURE	1.8
LSD ^c	0.7
CV ^d (%)	21.1

- a) Dew formation/control was visually rated using a scale of 1=heavy dew present and 9=no dew present.
- b) Dew formation/control ratings were taken on one date following the application of wetting agents.
- 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.