

TABLE 1. TURFGRASS COLOR RATINGS FOR 2003 IN PUYALLUP, WA
FOLLOWING THE APPLICATION OF WETTING AGENTS.

TURFGRASS COLOR RATINGS ^a									
NAME	1 WEEK ^b	3 WEEKS	5 WEEKS	7 WEEKS	9 WEEKS	11 WEEKS	13 WEEKS	15 WEEKS	YEARLY AVE.
AQUEDUCT	5.5	5.5	5.8	4.8	4.5	5.8	5.8	5.8	5.4
BRILLIANCE	5.8	5.3	5.8	5.3	3.8	5.0	4.8	5.0	5.1
CASCADE PLUS	5.5	6.5	7.0	6.3	5.8	6.3	6.5	6.3	6.3
CONTROL	5.5	5.8	5.3	5.3	5.0	5.8	5.3	5.3	5.4
HYDRO-WET	6.0	6.5	6.3	5.8	5.0	5.8	6.0	6.0	5.9
LESCOFLO	6.5	6.5	6.5	6.5	5.3	6.5	6.8	5.5	6.3
NAIAD	5.8	5.5	6.0	5.0	4.3	5.0	4.8	4.8	5.1
PRIMER SELECT	5.8	6.3	6.0	5.5	4.5	5.3	5.3	5.3	5.5
RESPOND 2	6.3	6.5	6.3	5.8	5.0	5.5	5.5	5.5	5.8
SURFSIDE 37	5.5	5.8	5.0	5.5	4.3	5.3	5.0	5.3	5.2
TRICURE	5.8	6.5	6.0	5.8	4.8	5.5	6.0	6.0	5.8
LSD ^c	2.1	3.8	4.3	3.0	5.6	5.7	5.2	4.4	3.9
CV ^d (%)	14.4	23.7	26.7	21.6	42.0	35.8	35.2	28.9	25.3

- 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 27, 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 PUYALLUP, WA
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	YEARLY AVE.
AQUEDUCT	5.8	5.5	6.0	5.3	4.5	5.5	5.5	4.8	5.3
BRILLIANCE	5.5	5.5	5.3	5.0	3.5	4.3	4.3	4.3	4.7
CASCADE PLUS	6.0	6.3	6.5	6.3	5.8	6.5	6.0	5.8	6.1
CONTROL	6.0	5.8	5.5	5.3	5.0	5.3	5.3	5.0	5.4
HYDRO-WET	6.0	6.0	6.0	5.8	5.0	5.3	5.3	5.0	5.5
LESCOFLO	6.5	6.5	6.8	6.0	5.0	5.8	6.0	5.3	6.0
NAIAD	6.0	5.5	4.8	4.5	4.0	4.8	4.3	4.0	4.7
PRIMER SELECT	6.0	6.3	6.8	5.8	4.8	5.0	5.0	4.5	5.5
RESPOND 2	6.3	6.8	5.8	5.8	5.0	5.3	5.3	5.0	5.6
SURFSIDE 37	5.5	5.5	5.3	5.0	4.0	4.8	4.5	4.5	4.9
TRICURE	5.8	6.0	5.8	5.5	4.8	5.3	5.3	4.8	5.4
LSD ^c	3.1	4.1	4.3	3.2	5.6	5.8	5.9	4.6	4.4
CV ^d (%)	18.5	25.2	28.8	23.0	44.1	40.0	41.5	34.8	29.6

- 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 27, 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 PUYALLUP, WA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 27, 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	8.3	7.8	8.8	8.0	8.0	8.0	8.3	8.0	8.5	8.3	8.5	8.5	9.0	8.8	8.8
BRILLIANCE	8.8	8.5	9.0	8.5	9.0	7.5	7.8	7.5	8.5	8.3	8.5	8.3	9.0	9.0	9.0
CASCADE PLUS	8.0	7.3	7.0	7.3	6.8	7.0	7.0	7.0	8.5	8.8	8.5	8.3	8.8	9.0	9.0
CONTROL	9.0	8.5	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.5
HYDRO-WET	8.8	8.5	9.0	9.0	8.8	8.8	9.0	8.8	9.0	9.0	9.0	9.0	8.8	8.8	8.8
LESCOFLO	8.8	8.5	9.0	9.0	8.8	8.8	8.8	8.8	9.0	8.8	9.0	8.8	9.0	9.0	8.8
NAIAD	8.3	7.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	9.0	8.8	9.0	9.0	9.0
PRIMER SELECT	8.8	7.5	9.0	8.8	8.8	8.5	8.8	8.5	9.0	9.0	9.0	8.8	9.0	9.0	8.5
RESPOND 2	9.0	9.0	9.0	8.8	9.0	9.0	9.0	9.0	8.8	9.0	8.8	9.0	9.0	9.0	8.8
SURFSIDE 37	8.0	7.5	9.0	8.8	8.8	8.8	8.8	8.8	9.0	8.8	9.0	9.0	8.8	8.8	8.8
TRICURE	8.0	8.0	8.5	8.8	8.8	9.0	8.8	9.0	9.0	9.0	9.0	9.0	8.8	8.5	9.0
LSD ^c	1.2	1.2	0.5	0.6	0.6	0.7	0.6	0.7	0.7	0.9	0.7	1.0	0.8	0.7	0.9
CV ^d (%)	7.4	8.6	4.3	5.2	5.3	5.7	5.2	5.7	3.9	5.1	3.9	5.5	3.4	3.4	4.4

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 PUYALLUP, WA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY, 27, 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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
BRILLIANCE	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CASCADE PLUS	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CONTROL	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
HYDRO-WET	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
LESCOFLO	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
NAIAD	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
PRIMER SELECT	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
RESPOND 2	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
SURFSIDE 37	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
TRICURE	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
LSD ^c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CV ^d (%)	0	0	0	0	0	0	0	0	0	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 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 PUYALLUP, WA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 27, 2003.

PHYTOTOXICITY RATINGS ^a												
NAME	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	9.0	8.8	8.8	9	9	9	9	9	9	9	9	9
BRILLIANCE	9.0	9.0	9.0	9	9	9	9	9	9	9	9	9
CASCADE PLUS	9.0	9.0	9.0	9	9	9	9	9	9	9	9	9
CONTROL	9.0	9.0	9.0	9	9	9	9	9	9	9	9	9
HYDRO-WET	8.8	9.0	9.0	9	9	9	9	9	9	9	9	9
LESCOFLO	8.8	9.0	9.0	9	9	9	9	9	9	9	9	9
NAIAD	9.0	9.0	9.0	9	9	9	9	9	9	9	9	9
PRIMER SELECT	8.5	8.3	9.0	9	9	9	9	9	9	9	9	9
RESPOND 2	9.0	9.0	9.0	9	9	9	9	9	9	9	9	9
SURFSIDE 37	9.0	8.8	9.0	9	9	9	9	9	9	9	9	9
TRICURE	9.0	9.0	9.0	9	9	9	9	9	9	9	9	9
LSD ^c	0.9	0.7	0.3	0	0	0	0	0	0	0	0	0
CV ^d (%)	4.2	4.0	1.7	0	0	0	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 PUYALLUP, WA
TWO WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 27, 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	13.8	106.3	371.0	99.0	8.0	1.8
BRILLIANCE	1.5	184.0	457.5	139.5	113.3	64.8
CASCADE PLUS	2.5	108.8	185.0	207.3	63.5	2.8
CONTROL	110.3	139.8	292.3	70.5	54.0	1.8
HYDRO-WET	39.5	141.3	387.3	104.0	3.5	2.3
LESCOFLO	7.0	52.3	451.5	143.5	7.5	1.3
NAIAD	69.3	247.0	409.8	99.3	8.8	2.0
PRIMER SELECT	6.5	132.5	386.0	116.5	103.5	53.5
RESPOND 2	48.5	117.3	324.8	274.5	84.5	57.5
SURFSIDE 37	18.8	221.5	427.3	88.5	2.5	1.3
TRICURE	9.5	269.0	235.8	22.8	7.3	5.0
LSD ^c	43.2	266.4	357.7	338.5	269.9	138.2
CV ^d (%)	100.1	77.8	45.6	115.4	257.7	326.8

- 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 5. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN PUYALLUP, WA
FOUR WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 27, 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	21.5	128.3	446.8	325.8	60.5	7.3
BRILLIANCE	3.0	71.5	411.0	351.8	184.8	137.8
CASCADE PLUS	10.3	156.8	292.3	163.0	35.0	5.8
CONTROL	122.3	264.8	355.0	169.8	32.8	78.0
HYDRO-WET	16.5	241.3	390.5	141.5	26.8	3.8
LESCOFLO	4.0	50.3	329.0	269.8	70.0	27.0
NAIAD	145.0	227.8	458.5	165.3	48.8	54.3
PRIMER SELECT	52.3	205.5	490.8	197.8	73.8	56.8
RESPOND 2	55.5	200.8	468.5	303.8	161.5	153.5
SURFSIDE 37	45.0	177.3	466.8	117.8	32.3	7.0
TRICURE	19.8	281.0	314.5	70.5	6.8	4.5
LSD ^c	74.5	366.9	369.9	470.8	251.5	279.3
CV ^d (%)	107.8	85.6	38.2	95.3	165.8	240.3

- 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 PUYALLUP, WA
EIGHT WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 27, 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	10.3	189.5	349.0	252.5	36.5	14.3
BRILLIANCE	5.5	97.5	255.0	207.5	64.8	69.5
CASCADE PLUS	9.3	153.3	397.8	124.8	14.8	12.3
CONTROL	94.5	334.5	505.3	248.8	158.3	126.3
HYDRO-WET	8.0	130.3	316.3	245.5	15.0	4.8
LESCOFLO	10.0	82.8	384.0	348.0	154.5	43.5
NAIAD	62.8	167.0	388.5	250.8	106.5	102.0
PRIMER SELECT	10.0	154.8	432.8	216.3	157.0	153.0
RESPOND 2	35.3	219.3	382.3	231.0	166.5	153.5
SURFSIDE 37	15.5	158.0	341.0	123.3	31.3	9.5
TRICURE	9.3	181.3	330.5	23.8	6.0	3.8
LSD ^c	25.5	324.4	366.3	422.7	366.0	359.9
CV ^d (%)	76.0	81.6	40.2	87.1	181.1	229.4

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 7. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN PUYALLUP, WA
 12 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 27, 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	10.8	31.3	323.8	372.8	67.8	12.0
BRILLIANCE	17.8	113.5	386.5	206.5	109.8	58.8
CASCADE PLUS	29.0	67.0	291.0	167.0	18.8	13.3
CONTROL	73.5	125.8	200.8	113.0	108.0	71.5
HYDRO-WET	13.5	48.5	323.8	148.3	11.3	4.5
LESCOFLO	30.5	58.0	310.3	317.8	23.3	28.3
NAIAD	71.8	69.3	347.3	217.0	132.3	151.0
PRIMER SELECT	26.5	101.5	280.8	205.5	110.8	54.5
RESPOND 2	36.5	83.0	283.5	272.0	159.0	154.0
SURFSIDE 37	36.3	84.8	311.3	109.8	72.8	4.8
TRICURE	20.0	135.5	397.5	112.0	60.3	5.5
LSD ^c	17.8	159.6	355.7	472.1	351.1	241.5
CV ^d (%)	39.3	81.5	44.1	95.5	168.6	211.0

- 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 8. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN PUYALLUP, WA
 16 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 27, 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	12.0	177.8	295.8	258.5	202.0	73.5
BRILLIANCE	9.8	58.3	428.0	192.0	93.3	48.0
CASCADE PLUS	42.5	105.8	436.8	282.0	79.0	17.3
CONTROL	122.5	268.5	416.8	169.3	15.3	3.3
HYDRO-WET	23.8	83.0	372.5	243.3	102.0	12.5
LESCOFLO	33.0	115.5	311.0	305.3	138.8	31.3
NAIAD	154.8	142.8	391.0	258.8	176.0	32.5
PRIMER SELECT	26.8	112.5	378.8	231.3	80.3	10.5
RESPOND 2	62.0	84.8	387.5	263.3	173.8	133.3
SURFSIDE 37	100.8	178.5	336.0	133.3	78.3	55.3
TRICURE	23.3	216.3	481.0	73.3	36.8	5.5
LSD ^c	42.3	222.0	320.7	518.9	358.7	193.5
CV ^d (%)	55.9	76.2	33.7	89.7	133.8	212.5

- 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 9. YEARLY AVERAGE WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2003 IN PUYALLUP, WA 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	13.7	126.6	357.3	261.7	75.0	21.8
BRILLIANCE	7.5	105.0	387.6	219.5	113.2	75.8
CASCADE PLUS	18.7	118.3	320.6	188.8	42.2	10.3
CONTROL	104.6	226.7	354.0	154.3	73.7	56.2
HYDRO-WET	20.3	128.9	358.1	176.5	31.7	5.6
LESCOFLO	16.9	71.8	357.2	276.9	78.8	26.3
NAIAD	100.7	170.8	399.0	198.2	94.5	68.4
PRIMER SELECT	24.4	141.4	393.8	193.5	105.1	65.7
RESPOND 2	47.6	141.0	369.3	268.9	149.1	130.4
SURFSIDE 37	43.3	164.0	376.5	114.5	43.4	15.6
TRICURE	16.4	216.6	351.9	60.5	23.4	4.9
LSD ^c	22.8	177.0	239.5	372.5	277.6	221.2
CV ^d (%)	45.6	56.0	23.2	78.9	140.3	206.1

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 10. DEW FORMATION/CONTROL RATINGS FOR 2003 IN PUYALLUP, WA
FOLLOWING THE APPLICATION OF WETTING AGENTS.

DEW FORMATION/CONTROL RATINGS ^a					
NAME	DEW 1 ^b	DEW 2	DEW 3	DEW 4	YEARLY AVE.
AQUEDUCT	5.5	8.5	1.5	4.3	4.9
BRILLIANCE	4.8	7.5	9.0	3.5	6.2
CASCADE PLUS	4.8	7.5	9.0	7.3	7.1
CONTROL	6.3	8.0	7.0	6.3	6.9
HYDRO-WET	6.8	2.0	7.8	1.5	4.5
LESCOFLO	6.0	7.3	8.8	6.0	7.0
NAIAD	6.3	7.5	6.8	1.0	5.4
PRIMER SELECT	6.0	3.5	5.8	4.5	4.9
RESPOND 2	6.0	8.3	7.0	5.8	6.8
SURFSIDE 37	6.3	3.3	8.5	1.3	4.8
TRICURE	6.0	1.8	5.0	5.0	4.4
LSD ^c	3.6	1.7	3.8	3.1	2.0
CV ^d (%)	25.0	21.6	34.8	48.7	21.5

- 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 various dates 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.