

TABLE 1.

TURFGRASS COLOR RATINGS FOR 2004 IN PUYALLUP, WA
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	YEARLY AVE.
AQUEDUCT	7.0	7.0	7.5	7.8	7.8	7.0	6.0	8.0	7.3
BRILLIANCE	6.8	6.3	7.8	8.0	7.8	6.8	5.5	7.3	7.0
CASCADE PLUS	6.3	6.5	7.8	8.3	7.8	7.5	6.3	7.8	7.3
CONTROL	6.8	6.5	7.8	7.8	7.8	7.5	6.0	8.0	7.2
HYDRO-WET	7.0	6.5	8.0	8.0	8.0	7.3	6.3	7.8	7.3
LESCOFLO	7.0	6.5	8.0	8.0	7.8	7.8	6.5	8.0	7.4
NAIAD	6.5	6.0	7.3	7.5	7.0	7.5	5.8	8.0	6.8
PRIMER SELECT	6.8	6.8	7.0	7.5	7.5	6.5	5.5	7.7	6.9
RESPOND 2	6.5	6.3	7.0	7.5	7.3	7.0	5.5	7.3	6.8
SURFSIDE 37	7.3	7.0	8.0	8.0	7.8	6.8	5.5	7.5	7.2
TRICURE	7.0	6.8	7.3	8.3	8.0	6.5	6.0	7.8	7.2
LSD ^c	1.8	1.6	2.3	1.5	1.8	2.2	2.0	1.5	1.8
CV ^d (%)	10.6	10.2	12.3	7.9	9.6	13.2	13.8	7.7	9.3

- 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 18, 2004.
- 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 2004 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	6.5	5.8	6.8	7.3	7.0	6.8	5.5	7.5	6.6
BRILLIANCE	6.8	5.3	6.5	7.5	7.0	6.5	5.8	7.5	6.6
CASCADE PLUS	6.8	7.3	7.8	8.0	7.8	7.8	6.3	7.8	7.4
CONTROL	6.5	5.8	6.3	7.5	7.0	7.3	5.8	7.3	6.7
HYDRO-WET	7.5	6.5	7.0	8.0	7.8	7.0	6.0	7.5	7.2
LESCOFLO	7.0	6.8	7.3	8.0	7.8	7.3	6.3	7.5	7.2
NAIAD	6.3	5.3	6.3	7.3	6.8	6.5	5.5	7.0	6.3
PRIMER SELECT	6.0	5.8	6.0	7.3	7.3	6.8	5.3	7.0	6.4
RESPOND 2	6.3	5.8	6.5	6.8	6.8	6.5	5.5	7.0	6.4
SURFSIDE 37	7.0	6.5	7.3	7.5	7.0	7.3	5.8	7.5	7.0
TRICURE	6.8	6.3	6.8	7.5	7.5	6.8	6.0	8.0	6.9
LSD ^c	3.0	3.1	2.6	2.9	1.9	3.5	2.2	2.1	2.4
CV ^d (%)	17.3	21.8	16.1	14.6	11.4	18.5	14.9	10.9	13.7

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 18, 2004.

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 2004 IN PUYALLUP, WA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	9.0	9.0	9.0	9.0	9.0	8.8	9.0	8.8	9.0	8.8	9.0	9.0	9	9
BRILLIANCE	8.5	9.0	9.0	8.5	8.5	8.8	8.5	8.8	8.5	9.0	8.5	9.0	9.0	9	9
CASCADE PLUS	7.8	8.3	8.3	8.3	8.8	7.0	7.5	7.0	7.3	7.3	7.3	9.0	9.0	9	9
CONTROL	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	9.0	8.8	8.8	9.0	9	9
HYDRO-WET	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	9.0	9	9
LESCOFLO	8.5	8.5	9.0	9.0	9.0	9.0	8.8	9.0	8.5	8.5	8.5	8.8	9.0	9	9
NAIAD	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.8	8.8	8.8	8.8	9	9
PRIMER SELECT	8.0	8.8	8.8	8.8	8.8	8.8	9.0	8.8	8.8	9.0	8.8	8.8	8.8	9	9
RESPOND 2	8.0	8.8	8.5	8.8	8.8	8.8	9.0	8.8	9.0	8.8	9.0	9.0	8.8	9	9
SURFSIDE 37	8.8	9.0	9.0	9.0	9.0	9.0	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9	9
TRICURE	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	9.0	9	9
LSD ^c	1.5	0.7	0.9	1.0	1.0	0.5	0.8	0.5	0.6	0.4	0.6	1.0	0.6	0	0
CV ^d (%)	8.6	4.4	4.9	5.3	4.4	4.1	5.8	4.1	4.5	3.3	4.5	4.1	2.9	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 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 2004 IN PUYALLUP, WA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	8.8	9	9	9	9	9	8.8	8.8	9.0	9	9	9	9	9	9
BRILLIANCE	9.0	9	9	9	9	9	9.0	9.0	9.0	9	9	9	9	9	9
CASCADE PLUS	9.0	9	9	9	9	9	9.0	9.0	9.0	9	9	9	9	9	9
CONTROL	8.5	9	9	9	9	9	8.5	8.5	8.8	9	9	9	9	9	9
HYDRO-WET	9.0	9	9	9	9	9	9.0	9.0	9.0	9	9	9	9	9	9
LESCOFLO	9.0	9	9	9	9	9	9.0	9.0	9.0	9	9	9	9	9	9
NAIAD	9.0	9	9	9	9	9	8.8	8.8	8.8	9	9	9	9	9	9
PRIMER SELECT	8.8	9	9	9	9	9	8.8	8.8	9.0	9	9	9	9	9	9
RESPOND 2	9.0	9	9	9	9	9	9.0	9.0	9.0	9	9	9	9	9	9
SURFSIDE 37	8.8	9	9	9	9	9	8.8	8.8	8.8	9	9	9	9	9	9
TRICURE	8.5	9	9	9	9	9	9.0	9.0	8.5	9	9	9	9	9	9
LSD ^c	1.0	0	0	0	0	0	1.0	1.0	0.7	0	0	0	0	0	0
CV ^d (%)	4.9	0	0	0	0	0	4.6	4.6	3.4	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 2004 IN PUYALLUP, WA
 FOLLOWING THE APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	8.8	9.0	9.0	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
BRILLIANCE	8.5	9.0	9.0	9.0	9.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
CASCADE PLUS	8.0	9.0	8.5	9.0	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0
CONTROL	9.0	9.0	9.0	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
HYDRO-WET	5.3	6.0	7.8	8.8	8.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
LESCOFLO	8.5	9.0	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
NAIAD	8.8	9.0	9.0	9.0	8.8	8.5	9.0	8.5	8.5	8.5	8.5	8.5
PRIMER SELECT	8.8	7.3	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
RESPOND 2	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
SURFSIDE 37	7.3	8.3	8.8	9.0	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0
TRICURE	7.3	7.0	7.5	8.5	8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0
LSD ^c	1.0	0.6	0.7	0.7	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6
CV ^d (%)	8.7	5.2	5.2	3.7	3.6	3.6	3.2	3.6	3.6	3.6	3.6	3.6

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 2004 IN PUYALLUP, WA
TWO WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	5.3	72.3	188.3	53.8	6.5	1.3
BRILLIANCE	1.5	86.3	97.0	42.0	9.8	5.3
CASCADE PLUS	2.3	28.5	111.0	14.0	2.5	1.8
CONTROL	58.3	96.3	136.0	27.0	3.8	1.5
HYDRO-WET	11.8	35.5	55.8	3.3	1.5	1.0
LESCOFLO	6.8	35.8	51.3	30.8	51.0	3.5
NAIAD	49.5	195.8	96.3	37.0	5.8	2.8
PRIMER SELECT	3.0	76.0	144.0	68.3	28.0	4.5
RESPOND 2	22.3	132.3	95.0	35.3	3.5	3.8
SURFSIDE 37	9.3	71.0	165.3	15.8	2.8	1.8
TRICURE	21.3	30.8	177.5	12.3	6.0	2.8
LSD ^c	31.7	273.9	244.6	83.5	76.2	9.2
CV ^d (%)	117.4	144.2	84.8	120.2	292.2	132.8

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 2004 IN PUYALLUP, WA
FOUR WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	6.8	52.8	162.5	54.3	7.3	2.3
BRILLIANCE	1.0	61.5	193.0	33.3	14.8	4.3
CASCADE PLUS	4.0	23.8	221.5	63.8	2.5	1.3
CONTROL	73.8	143.3	210.0	4.3	2.0	1.3
HYDRO-WET	5.3	75.5	179.0	11.5	1.5	1.8
LESCOFLO	3.3	82.8	135.5	34.8	15.5	9.0
NAIAD	51.0	152.0	266.8	19.0	1.5	1.0
PRIMER SELECT	10.0	111.5	139.5	18.8	6.0	2.0
RESPOND 2	33.8	52.3	98.0	12.5	10.0	2.3
SURFSIDE 37	9.3	147.3	245.8	17.5	12.3	3.3
TRICURE	3.5	31.8	193.3	12.3	2.3	1.5
LSD ^c	15.5	155.1	457.5	101.8	21.8	11.9
CV ^d (%)	63.8	89.6	89.5	164.0	145.2	183.6

- 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 6. WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2004 IN PUYALLUP, WA
EIGHT WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	13.5	78.3	200.8	57.0	13.0	1.8
BRILLIANCE	10.0	113.3	133.5	35.0	3.5	3.8
CASCADE PLUS	36.5	63.0	153.0	61.8	3.0	1.5
CONTROL	85.5	151.5	281.3	46.8	2.5	1.8
HYDRO-WET	15.3	138.0	115.0	48.0	3.5	1.8
LESCOFLO	61.5	105.0	258.8	91.5	59.0	2.0
NAIAD	110.3	178.3	262.5	61.5	3.5	1.3
PRIMER SELECT	18.8	78.0	137.8	73.0	10.5	3.8
RESPOND 2	45.0	131.8	142.3	66.0	5.0	2.3
SURFSIDE 37	50.5	123.5	207.0	11.3	7.3	6.0
TRICURE	30.8	234.8	210.5	21.8	4.3	1.5
LSD ^c	68.7	272.9	294.2	209.0	65.6	7.7
CV ^d (%)	92.3	88.1	64.9	145.9	286.7	128.7

- 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 2004 IN PUYALLUP, WA
 12 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	36.8	191.0	286.3	66.8	12.0	4.3
BRILLIANCE	22.5	250.0	182.0	118.3	70.0	78.0
CASCADE PLUS	29.0	135.0	177.3	67.8	6.5	3.0
CONTROL	168.8	296.3	168.8	37.8	1.8	1.0
HYDRO-WET	33.5	166.0	213.0	63.5	6.5	3.8
LESCOFLO	38.0	259.0	297.8	156.8	57.5	62.5
NAIAD	261.0	306.5	162.5	12.8	5.3	3.3
PRIMER SELECT	25.5	88.8	186.3	57.5	6.5	51.5
RESPOND 2	58.5	243.5	204.3	121.0	113.3	118.0
SURFSIDE 37	272.5	313.8	192.5	14.3	30.5	3.3
TRICURE	14.5	162.0	69.5	6.0	2.5	3.0
LSD ^c	93.6	261.0	426.5	255.8	173.9	213.3
CV ^d (%)	77.6	57.4	84.2	162.3	263.2	294.6

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 2004 IN PUYALLUP, WA
 16 WEEKS AFTER THE INITIAL APPLICATION OF WETTING AGENTS.
 THE INITIAL APPLICATION OF WETTING AGENTS WAS MADE ON MAY 18, 2004.

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	15.8	172.3	287.5	84.0	121.3	57.8
BRILLIANCE	48.0	336.8	422.0	95.3	109.8	66.0
CASCADE PLUS	73.8	208.5	262.3	81.0	57.8	2.0
CONTROL	272.5	397.5	336.3	32.0	20.3	25.0
HYDRO-WET	27.8	268.0	370.3	11.3	2.8	1.8
LESCOFLO	230.3	402.0	201.3	98.3	89.0	10.8
NAIAD	178.5	267.8	261.3	93.0	26.3	24.8
PRIMER SELECT	95.0	284.3	129.5	55.3	34.3	8.0
RESPOND 2	162.3	335.3	113.0	59.5	52.3	53.0
SURFSIDE 37	364.3	396.5	218.3	29.8	9.0	5.8
TRICURE	101.5	212.8	243.8	89.8	35.0	33.0
LSD ^c	280.2	441.7	298.4	222.9	222.7	149.5
CV ^d (%)	107.4	61.0	57.7	127.9	179.5	224.8

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 9. YEARLY AVERAGE WATER DROPLET PENETRATION TIMES BY DEPTH FOR 2004 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	15.6	113.3	225.1	63.2	32.0	13.5
BRILLIANCE	16.6	169.6	205.5	64.8	41.6	31.5
CASCADE PLUS	29.1	91.8	185.0	57.7	14.5	1.9
CONTROL	131.8	217.0	226.5	29.6	6.1	6.1
HYDRO-WET	18.7	136.6	186.6	27.5	3.2	2.0
LESCOFLO	68.0	176.9	188.9	82.4	54.4	17.6
NAIAD	130.1	220.1	209.9	44.7	8.5	6.6
PRIMER SELECT	30.5	127.7	147.4	54.6	17.1	14.0
RESPOND 2	64.4	179.0	130.5	58.9	36.8	35.9
SURFSIDE 37	141.2	210.4	205.8	17.7	12.4	4.0
TRICURE	34.3	134.4	178.9	28.4	10.0	8.4
LSD ^c	59.6	181.1	162.9	112.4	77.6	67.6
CV ^d (%)	67.2	50.6	35.3	95.2	157.0	211.6

- 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 10. DEW FORMATION/CONTROL AND BROWN PATCH RATINGS FOR 2004 IN PUYALLUP, WA FOLLOWING THE APPLICATION OF WETTING AGENTS.

DEW FORMATION/CONTROL AND BROWN PATCH RATINGS^a

NAME	DEW 1 ^b	DEW 2	DEW 3	YEARLY AVE.	BROWN PATCH ^b
AQUEDUCT	8.8	8.0	7.5	8.1	8.0
BRILLIANCE	6.8	8.3	8.0	7.7	7.0
CASCADE PLUS	5.8	7.0	8.0	6.9	7.3
CONTROL	9.0	8.8	8.3	8.7	7.3
HYDRO-WET	9.0	3.0	3.5	5.2	8.5
LESCOFLO	9.0	8.3	8.3	8.5	8.5
NAIAD	8.8	9.0	3.0	6.9	7.8
PRIMER SELECT	9.0	3.8	7.8	6.8	7.5
RESPOND 2	8.8	8.5	7.8	8.3	8.0
SURFSIDE 37	9.0	4.8	3.8	5.8	6.8
TRICURE	8.5	3.0	8.0	6.5	7.8
LSD ^c	1.0	1.5	0.9	0.7	2.3
CV ^d (%)	8.7	16.8	10.1	7.1	13.6

- a) Dew formation/control was visually rated using a scale of 1=heavy dew present and 9=no dew present. Brown patch was visually rated using a scale of 1-9, with 9=no disease.
- b) Dew formation/control ratings were taken on various dates following application of wetting agents. The brown patch rating was taken on one date.
- 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.