

Table 9. Turf quality rating

Rating scale: 0 - 9, worst - best

Rating date: July 25, 1997

Treatment	Rate/1000 ft ²	I	II	III	IV	Ave. (LSD*)
Signature + Daconil Ultrex	4 oz + 3.8 oz	7	8	8	8	7.8 A
Signature + EXP 10790 B	4 oz + 4 fl oz	8	8	8	7	7.8 A
Thalonil 90 DF + Signature	3.5 oz + 4 oz	6	7	8	8	7.3 AB
Protect + Aliette Signature	8 oz + 4 oz	7	7	7	7	7 ABC
Signature + Ch 26019 FLO	4 oz + 4 fl oz	7	6	7	6	6.5 BC
Signature + EXP 10790 A	4 oz + 4 fl oz	7	7	6	6	6.5 BC
EXP 10790 A + Cleary 3336 F	2 oz + 2 fl oz	6	6	6	7	6.3 C
Control	----	5	4	6	5	5 D

*Means followed by the same letter are not significantly different from each other when separated using Least Significant Difference test (p=.05).

Table 10. Brown patch rating

Rating scale: Percent area infected with Brown patch

Rating date: July 25, 1997

Treatment	Rate/1000 ft ²	I	II	III	IV	Ave. (LSD*)
Signature + EXP 10790 B	4 oz + 4 fl oz	5	0	0	0	1.3 A
Protect + Aliette Signature	8 oz + 4 oz	0	5	0	10	3.8 AB
Thalonil 90 DF + Signature	3.5 oz + 4 oz	5	5	5	5	5 AB
Signature + Daconil Ultrex	4 oz + 3.8 oz	5	7	5	5	5.5 AB
Signature + Ch 26019 FLO	4 oz + 4 fl oz	7	5	5	7	6 AB
EXP 10790 A + Cleary 3336 F	2 oz + 2 fl oz	15	10	10	10	11.3 BC
Signature + EXP 10790 A	4 oz + 4 fl oz	10	5	20	25	15 C
Control	----	30	30	10	25	23.8 D

*Means followed by the same letter are not significantly different from each other when separated using Least Significant Difference test (p=.05).

Summer Decline on *Poa annua* - 1997

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A summer decline study was conducted on an irrigated annual bluegrass (*Poa annua*) fairway at the Hancock Turfgrass Research Center on the MSU campus in E. Lansing, MI. The height of cut was maintained at 1/2 inch, and the area was fertilized as needed to maintain acceptable quality turf. Treatments were applied to 3 replicate 2' x 4.5' plots in a randomized complete block design. Treatments were applied using a CO₂ backpack sprayer with a 8002E flat fan nozzle at a spray volume of 48 GPA and pressure of 42 PSI. First applications were made on May 22, 1997 and were continued through August 25, 1997. All treatments were applied on a 14 day schedule.

Turf quality ratings were taken on June 10 (Table 11), June 27 (Table 13), and July 25 (Table 14). In addition, a *Microdochium* patch rating was taken on June 10 (Table 12) and a dollar spot/summer patch disease rating was taken on July 25 (Table 15.)

Table 11. Turf quality rating

Rating scale: 1 - 10, worst - best

Rating date: June 10, 1997

Treatment	Rate	I	II	III	Ave. (LSD*)
Aliette + Fore WP	4 oz + 8 oz	7	7	6	6.7 A
Aliette Signature + Exp 10790 A	4 oz + 4 fl oz	6	7	6	6.3 A
Aliette Signature + Daconil Ultrex	4 oz + 3.8 oz	6	6	6	6.0 A
Control	-----	4	5	4	4.3 B

*Means followed by the same letter are not significantly different from each other when separated using Least Significant Difference test (p=.05).

Table 12. *Microdochium* patch ratingRating scale: Percent area infected with *Microdochium* patch

Rating date: June 10, 1997.

Treatment	Rate	I	II	III	Ave. (LSD*)
Aliette Signature + Exp 10790 A	4 oz + 4 fl oz	0	0	0	0 A
Aliette + Fore WP	4 oz + 8 oz	0.5	0	0	0.2 A
Aliette Signature + Daconil Ultrex	4 oz + 3.8 oz	1	1	0.5	0.8 A
Control	-----	0.5	7	20	9.2 A

*Means followed by the same letter are not significantly different from each other when separated using Least Significant Difference test ($p=.05$).

Table 13. Turf quality rating

Rating scale: 0 - 9, worst - best

Rating date: June 27, 1997

Treatment	Rate	I	II	III	Ave. (LSD*)
Aliette + Fore WP	4 oz + 8 oz	8	8	6	7.7 A
Aliette Signature + Exp 10790 A	4 oz + 4 fl oz	6	7	7	6.7 AB
Aliette Signature + Daconil Ultrex	4 oz + 3.8 oz	6	6	8	6.7 AB
Control	-----	4	7	4	5 B

*Means followed by the same letter are not significantly different from each other when separated using Least Significant Difference test ($p=.05$).

Table 14. Turf quality rating

Rating scale: 0 - 9, worst - best

Rating date: July 25, 1997

Treatment	Rate	I	II	III	Ave. (LSD*)
Aliette Signature + Daconil Ultrex	4 oz + 3.8 oz	8	8	8	8 A
Aliette Signature + Exp 10790 A	4 oz + 4 fl oz	7	8	8	7.7 A
Aliette + Fore WP	4 oz + 8 oz	8	8	7	7.7 A
Control	-----	5	7	6	6 B

*Means followed by the same letter are not significantly different from each other when separated using Least Significant Difference test ($p=.05$).

Table 15. Dollar spot/ summer patch rating

Rating scale: Percent area infected

Rating date: July 25, 1997

Treatment	Rate	I	II	III	Ave. (LSD*)
Aliette + Fore WP	4 oz + 8 oz	0	1	1	0.7 A
Aliette Signature + Daconil Ultrex	4 oz + 3.8 oz	2	0	0	0.7 A
Aliette Signature + Exp 10790 A	4 oz + 4 fl oz	3	0	0.5	1.2 A
Control	-----	10	2	0.5	4.2 A

*Means followed by the same letter are not significantly different from each other when separated using Least Significant Difference test ($p=.05$).