

TABLE 9A. 2000 MANAGEMENT - ON-SITE BENTGRASS TEST AT ST. CHARLES, MO (THE MISSOURI BLUFFS GOLF COURSE)

| ESTABLISHMENT | | FUNGICIDES | | | HERBICIDES | | |
|--------------------------|-----------------------------|-----------------|----------------|--------------|--|-----------------------------|-------------------|
| Seeding date | 15-Sep-97 | Date(s) | Product | Rate (oz./M) | Date(s) | Product | Rate (oz./M) |
| Problems during | | 10-Mar | Chipco GT | 4 | None | | |
| | | 10-Mar | Daconil Ultrex | 10 lbs./A | | | |
| FACTORS OF PLAY | | 22-Mar | Daconil Ultrex | 2 | | | |
| | | 25-Apr | Heritage | 0.2 | FERTILIZATION | | |
| Date opened for play | open year round | 25-Apr | Daconil Ultrex | 2 | | | |
| Date closed for play | | 19-May | Daconil Ultrex | 1.5 | Date(s) | Product | Rate (lbs. oz./M) |
| Type of spikes allowed | Softspikes | 2-Jun | Heritage | 0.2 | | | |
| Uses of green | Putting, Chipping | 2-Jun | Daconil Ultrex | 1.5 | 10-Feb | Milorganite (6-2-0) | 1/3 lb. N |
| | | 12-Jun | Daconil Ultrex | 1.5 | 10-Mar | Bio Basics Pro Gro | 20 oz. |
| MOWING | | 28-Jun | Prostar | 2.2 | 10-Mar | Bio Basics N 24-0-0 | 1 oz. |
| | | 28-Jun | Subdue Maxx | 1 | 10-Mar | Bio Basics P 2-20-0 | 0.5 oz. |
| Initial height | 0.156" | 7/3, 7/10, 7/18 | Daconil Ultrex | 1.5 | 10-Mar | Bio Basics K 1-0-24 | 2 oz. |
| Current height | 0.145" (0.156" Winter) | 18-Jul | Heritage | 0.2 | 22-Mar | Bio Basics N 24-0-0 | 1 oz. |
| Frequency | Daily | 27-Jul | Daconil Ultrex | 1.5 | 22-Mar | Bio Basics P 2-20-0 | 1 oz. |
| Type of mower | Triplex | 7-Aug | Heritage | 0.2 | 22-Mar | Bio Basics K 1-0-24 | 2 oz. |
| Rollers used | None | 8/7, 8/15 | Echo 720 | 7 pints/A | 22-Mar | Micro Mix Plus (FE) 2-0-0-4 | 1 oz. |
| Groomers used | None | 2-Sep | Subdue Maxx | 1 | 22-Mar | Bio Basics Pro Gro | 2 oz. |
| | | 9/2, 9/23, 10/1 | Daconil Ultrex | 1.5 | 22-Mar | Macrosorb foliar | 1 oz. |
| CULTIVATION | | 13-Oct | Daconil Ultrex | 4 | 27-Mar | Macrosorb Radicular | 1 oz. |
| | | 27-Nov | Echo 720 | 1.5 | 27-Mar | Bio Basics Cal 2.5-0-0-8 | 1 oz. |
| Aerification - dates | July | 27-Nov | Chipco GT | 3.8 | 27-Mar | Bio Basics Carb. 2-0-0 | 2 oz. |
| Aerification - type | Hydrojected | | | | 27-Mar | Humega | 1 gal./A |
| Verticutting | Mar., Apr., June, Sept. | | | | 31-Mar | Bio Basics N 24-0-0 | 5 oz. |
| Dates of topdressing | every 2 weeks during season | INSECTICIDES | | | 31-Mar | Bio Basics P 2-20-0 | 1 oz. |
| | | Date(s) | Product | Rate (oz./M) | 31-Mar | Bio Basics K 1-0-24 | 2 oz. |
| Other cultural practices | None | | | | 31-Mar | Micro 2-0-0-4 | 1 oz. |
| | | 10-Mar | Scimitar | 10oz./A | 31-Mar | Bio Basics Pro Gro | 2 oz. |
| | | 13-Jun | Conserve SC | 32oz./A | | | |
| | | 10-Jul | Dursban | 2 lbs./Acre | NOTES/COMMENTS | | |
| | | 15-Aug | Scimitar | 9oz./A | | | |
| | | 6-Sep | Dylox | 3 | It is their second practice green, so there is not a heavy amount of traffic on the green. | | |
| | | | | | The green was topdressed very other week in the Spring and Fall. During the Summer, The green was topdressed once a month to help relieve stress. | | |
| | | | | | Topdressing began in March and continued through November. The topdressing sand was changed in the middle of the season from a fine dry sand to a sand that more closely resembled the original green mix. | | |
| | | OTHER PRODUCTS | | | | | |
| | | Date(s) | Product | Rate (oz./M) | | | |
| | | None | | | | | |

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TABLE 9A. 2000 MANAGEMENT - ON-SITE BENTGRASS TEST AT ST. CHARLES, MO (THE MISSOURI BLUFFS GOLF COURSE)
(Cont'd)

| FERTILIZATION | | | FERTILIZATION | | | FERTILIZATION | | |
|---------------|--------------------------|-------------------|---------------|-------------------------------|-------------------|---------------|------------------------------|---------------------|
| Date(s) | Product | Rate (lbs. oz./M) | Date(s) | Product | Rate (lbs. oz./M) | Date(s) | Product | Rate (lbs. oz./M) |
| 31-Mar | Bio Basics Mag. | 1 oz. | 12-Jun | Bio Basics Minors | 1 oz. | 15-Aug | Bio Basics P 2-20-0 | 1.5 oz. |
| 31-Mar | Macrosorb foliar | 1 oz. | 12-Jun | Macrosorb foliar | 2 oz. | 15-Aug | Bio Basics K 1-0-24 | 1.5 oz. |
| 9-Apr | White Gold 0-0-24 | 1lb. K | 20-Jun | Bio Basics N 24-0-0 | 3 oz. | 15-Aug | Bio Basics Pro Gro | 1.5 oz. |
| 10-Apr | Bio Basics N 24-0-0 | 5 oz. | 20-Jun | Bio Basics P 2-20-0 | 0.5 oz. | 15-Aug | Bio Basics Mag | 1 oz. |
| 10-Apr | Bio Basics P 2-20-0 | 2 oz. | 20-Jun | Bio Basics K 1-0-24 | 3 oz. | 15-Aug | Macrosorb foliar | 1 oz. |
| 10-Apr | Bio Basics K 1-0-24 | 1 oz. | 20-Jun | Bio Basics Pro Gro | 3 oz. | 2-Sep | Eco N 24-0-0 | 0.5 oz. |
| 10-Apr | Bio Basics Minors | 2 oz. | 20-Jun | Macrosorb foliar | 1 oz. | 2-Sep | Eco P 2-20-0 | 1.5 oz. |
| 10-Apr | Bio Basics Pro Gro | 3 oz. | 21-Jun | Bio Basics Pro Gro | 1.5 oz. | 2-Sep | Eco K 1-0-24 | 1.5 oz. |
| 10-Apr | Bio Basics Micro | 1 oz. | 21-Jun | Turfmaster (Bio Flora) 12-5-3 | 2 oz. | 2-Sep | Bio Basics Pro Gro | 1.5 oz. |
| 10-Apr | Bio Basics Mag. | 1 oz. | 26-Jun | Roots 15-3-8 | 3/8 lb. N | 2-Sep | Macrosorb foliar | 1 oz. |
| 10-Apr | Macrosorb foliar | 1 oz. | 27-Jun | White Gold 0-0-24 | 1lb. K | 2-Sep | Bio Basics Mag | 1 oz. |
| 17-Apr | Eco Carbo's | 2 oz. | 28-Jun | Macrosorb Radicular | 1 oz. | 4-Sep | Soil Synergy 10-2-8 | 0.2 lb. N |
| 17-Apr | Macrosorb Radicular | 2 oz. | 28-Jun | Nature Safe 8-3-5 | 1/2 lb. N | 4-Sep | White Gold 0-0-24 | 1 lb. K |
| 25-Apr | Eco N 24-0-0 | 5 oz. | 28-Jun | Soil Synergy 10-2-8 | 3/8 lb. N | 4-Sep | Gypsum | 3/4 lbs. |
| 25-Apr | Eco P 2-20-0 | 2 oz. | 3-Jul | Bio Basics N 24-0-0 | 1 oz. | 23-Sep | Bio Basics N 24-0-0 | 3 oz. |
| 25-Apr | Eco K 1-0-24 | 2 oz. | 3-Jul | Bio Basics K 1-0-24 | 2 oz. | 23-Sep | Bio Basics P 2-20-0 | 3 oz. |
| 25-Apr | Bio Basics Pro Gro | 4 oz. | 3-Jul | Bio Basics Pro Gro | 2 oz. | 23-Sep | Bio Basics K 1-0-24 | 3 oz. |
| 25-Apr | Bio Basics Minors, Micro | 1 oz. | 3-Jul | Bio Basics Minors | 2 oz. | 23-Sep | Bio Basics Pro Gro | 3 oz. |
| 25-Apr | Macrosorb foliar | 1 oz. | 3-Jul | Bio Flora iron | 2 oz. | 23-Sep | Bio Basics Cal | 3 oz. |
| 2-May | White Gold 0-0-24 | 1lb. K | 3-Jul | Macrosorb foliar | 1 oz. | 1-Oct | Bio Basics N 24-0-0 | 1.5 oz. |
| 15-May | Bio Basics Carb | 1 gal./A | 3-Jul | Roots Stand Up | 3 oz. | 1-Oct | Bio Basics P 2-20-0 | 1.5 oz. |
| 15-May | Bio Basics Cal | 1 gal./A | 10-Jul | Bio Basics N 24-0-0 | 0.5 oz. | 1-Oct | Bio Basics K 1-0-24 | 1.5 oz. |
| 15-May | Macrosorb Radicular | 1 oz. | 10-Jul | Bio Basics P 2-20-0 | 2 oz. | 1-Oct | Bio Basics Pro Gro | 1.5 oz. |
| 15-May | Sol-U-Bor | 4 lbs./A | 10-Jul | Bio Basics K 1-0-24 | 3 oz. | 1-Oct | Bio Basics Cal | 1.5 oz. |
| 15-May | Magnesium | 3 lbs./A | 10-Jul | Bio Basics Minors | 1 oz. | 6-Oct | Scott's Iron | 4 oz. |
| 18-May | Roots 15-3-8 | 0.5 lb. N | 10-Jul | Macrosorb foliar | 2 oz. | 12-Oct | Soil Synergy 10-2-8 | 3/8 lb. N |
| 19-May | Eco N 24-0-0 | 0.5 oz. | 18-Jul | Bio Basics N 24-0-0 | 1.5 oz. | 13-Oct | Bio Basics N 24-0-0 | 1.5 oz. |
| 19-May | Eco P 2-20-0 | 2 oz. | 18-Jul | Bio Basics P 2-20-0 | 1.5 oz. | 13-Oct | Bio Basics P 2-20-0 | 1.5 oz. |
| 19-May | Eco K 1-0-24 | 3 oz. | 18-Jul | Bio Basics K 1-0-24 | 1.5 oz. | 13-Oct | Bio Basics K 1-0-24 | 1.5 oz. |
| 19-May | Bio Basics Pro Gro | 1 oz. | 18-Jul | Bio Basics Pro Gro | 1.5 oz. | 13-Oct | Bio Basics Pro Gro | 1.5 oz. |
| 19-May | Bio Basics Minors | 1 oz. | 18-Jul | Macrosorb foliar | 1 oz. | 13-Oct | Bio Basics Minors | 1.5 oz. |
| 19-May | Macrosorb foliar | 1 oz. | 18-Jul | Roots Stand Up | 1.5 oz. | 13-Oct | Bio Basics Cal | 1.5 oz. |
| 1-Jun | White Gold 0-0-24 | 1lb. K | 18-Jul | Soil Synergy 10-2-8 | 0.2 lb. N | 26-Oct | Soil Synergy 10-2-8 | 1/4 lb. N |
| 2-Jun | Macrosorb foliar | 2 oz. | 18-Jul | White Gold 0-0-24 | 0.5 lb. K | 26-Oct | White Gold 0-0-24 | 1 lb. K |
| 2-Jun | Bio Basics N 24-0-0 | 1 oz. | 18-Jul | Gypsum | 4 lbs. | 13-Nov | Par Ex 21-3-16 | 1 lb. N |
| 2-Jun | Bio Basics P 2-20-0 | 2 oz. | 27-Jul | Bio Basics N 24-0-0 | 1 oz. | 27-Nov | White Gold 0-0-24 | 1 lb. K |
| 2-Jun | Bio Basics K 1-0-24 | 1 oz. | 27-Jul | Bio Basics P 2-20-0 | 1 oz. | 27-Nov | Gypsum | 3/4 lbs. |
| 2-Jun | Bio Basics Pro Gro | 3 oz. | 27-Jul | Bio Basics K 1-0-24 | 3 oz. | 27-Nov | Turfmaster (Bio Flora) 12-5- | 1.5 oz. |
| 2-Jun | Bio Basics Minors | 1 oz. | 27-Jul | Bio Basics Minors | 1.5 oz. | 27-Nov | Macrosorb Radicular | Bio Basics K 1-0-24 |
| 12-Jun | Bio Basics N 24-0-0 | 2 oz. | 27-Jul | Bio Basics Pro Gro | 1.5 oz. | 27-Nov | Manganese Sulfate | 3 lbs./A |
| 12-Jun | Bio Basics P 2-20-0 | 2 oz. | 27-Jul | Macrosorb foliar | 1 oz. | 27-Nov | Sol-U-Bor | 4 lbs./A |
| 12-Jun | Bio Basics K 1-0-24 | 1 oz. | 27-Jul | Bio Basics Mag | 1.5 oz. | 27-Nov | Bio Basics N 24-0-0 | Bio Basics K 1-0-24 |
| 12-Jun | Bio Basics Pro Gro | 2 oz. | 15-Aug | Bio Basics N 24-0-0 | 0.5 oz. | 27-Nov | Bio Basics K 1-0-24 | Bio Basics K 1-0-24 |

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