

# GOLF COURSE MAINTENANCE STANDARDS

*All specifications outlined in this document will be followed on a day-to-day basis except when inclement weather prohibits.*

## GREENS MAINTENANCE

### A. Mowing

Normal mowing height will be 1/8" to 1/4" on greens. Mowing shall be done seven (7) days per week depending upon growth conditions. Collars and approaches shall be mowed at least two (2) times per week depending on growth conditions height shall be between 1/2" to 5/8". The practice of daily alternating mowing directions on greens will be followed.

### B. Aerification

Greens will be aerified with a core aerifier a minimum of two (2) times per year to relieve soil compaction to promote healthier root environment. Shall be coordinated to coincide with fertilization and verticutting.

### C. Verticutting

Verticutting greens or vertical mowing may be scheduled bi-weekly during the active Bermuda grass growing season.

### D. Top Dressing

Top dressing material shall be applied and dragged or brushed into the turf following aerification or with verticutting.

### E. Fertilization

Type of materials and analysis rates shall be determined by growing conditions at time of treatment and the results of soil testing. Soil tests to determine soil nutrient levels shall be taken at least two (2) times per year.

### F. Weed Control

Chemical applications will be made in a timely manner to maximize desired results while staying within mandated active ingredient (AI) restrictions.

### G. Insect and Disease Control

Applications of any chemicals will follow integrated pest management (IPM) guidelines and will adhere to guidelines set forth by DOD directives in relation to active ingredient (AI) restrictions, to govern rates and timing of applications.

### H. Overseeding

Overseeding of greens with high quality poa trivialis or perennial winter rye grass applied at industry recommended rates to achieve desired coverage and grow-in by 1 Jan. Mowing heights shall be adjusted as necessary for the initial grown-in period.

## TEES MAINTENANCE

### A. Mowing

Tees will be mowed at least two (2) times per week depending on growth conditions. The practice of alternating mower directions will be followed. Height of cut will be between 1/2" to 3/4", depending on growth conditions.

### B. Aerification

Tees shall be aerified a minimum of two (2) times per year.

### C. Verticutting

Vertical mowing of tees shall be scheduled a minimum of three (3) times per year to maintain an acceptable thatch level.

### D. Fertilization

Type of materials and analysis rates shall be determined by growing conditions at time of treatment and the results of soil testing. Soil tests to determine soil nutrient levels shall be taken at least two (2) times per year.

### E. Weed Control

Chemical applications will be made in a timely manner to maximize desired results while staying within mandated active ingredient (AI) restrictions.

### F. Insect and Disease Control

Applications of any chemicals will follow integrated pest management (IPM) guidelines and will adhere to guidelines set forth by DOD directives in relation to active ingredient (AI) restrictions, to govern rates and timing of applications.

### G. Overseeding

Overseeding of tees with high quality poa trivialis or perennial winter rye grass applied at industry recommended rates to achieve desired coverage and grow-in by 1 Jan. Mowing heights shall be adjusted as necessary for the initial grown-in period.

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## FAIRWAY MAINTENANCE

### A. Mowing

Fairways shall be mowed a minimum of two (2) times per week during the active growing seasons. Normal cutting height shall be between 1/2" to 3/4", depending upon season and rate of growth.

### B. Aerification

Fairways shall be aerified if needed using 3/4" - 5/8" tines. Spot aerification may be done to relieve compaction.

### C. Fertilization

Type of material and analysis shall be determined from results of soil tests and growing conditions at the time of treatment. Soil tests shall be taken two (2) times per year.

### D. Weed Control

Spot treatment with a contact and translocating herbicide shall be performed as needed.

### E. Insect and Disease Control

Applications of pesticides shall be carried out "as needed". IPM (integrated pest management) program will govern rates and timing of application.

### F. Sweeping or blowing of debris

May be done to remove excess grass clippings or leaf litter or as conditions warrant.

## ROUGH MAINTENANCE

### A. Mowing

Shall be performed at least one (1) time per week during the growing season and/or as needed, in the dormant season. Normal cutting height shall be between 1-1/2" and 3".

## COURSE SET-UP

### A. Cups

Cups shall be changed daily on an alternating basis between courses. During this operation, inspection of the putting surface shall be made and any ball marks or other damage will be repaired or relayed to the superintendent. Cup placement shall conform to USGA guidelines.

### B. Teeing Ground

All tee markers shall be moved as often as the cups are set on the greens and will be moved to prevent worn turf areas and maintain course length.

### C. Litter Control

Litter containers shall be emptied daily. Ball washers shall be filled as necessary with soap and water, changed weekly. Towels will be replaced as required by appearance.

## SAND BUNKER MAINTENANCE

### A. Raking

Mechanical raking will be accomplished a minimum of three (3) days per week, checking and spot raking will be done daily to maintain a desired playing surface. Care will be taken to minimize drag out of sand and wear patterns of entrance and exit to bunkers.

### B. Edging

Shall be done monthly or as required when "runners" are present. Care shall be taken to maintain the design outline of the bunkers and to insure the integrity of the bunker shape.

### C. Weed Control

Shall be accomplished by semi-annual application or pre-emergence herbicide. Spot treatment with a contact herbicide shall be performed as needed.

## TREE AND SHRUB MAINTENANCE

### A. Pruning

Pruning of trees shall be limited to the removal of low hanging branches that present a hazard to golf carts, mowing equipment or golfers. Shrubs shall be shaped or pruned as necessary to maintain the natural form of the plant.

### B. Tree Basins

One to three foot radius circle may be maintained around the base of trees free of weeds and turf, by the use of an approved herbicide.

## IRRIGATION SYSTEM MAINTENANCE

### A. Scheduling

Watering shall be scheduled by the golf course superintendent and performed by the irrigation specialist in quantities and frequencies consistent with seasonal requirements. Irrigation will be done at night or early morning when it will not interfere with golf play.

## LAKE BANKS & DITCHES MAINTENANCE

### A. Mowing

Shall be done a minimum of one cycle bi-monthly during the growing season and as dictated by the rate of growth in the dormant season. Height of cuts may be between 3" and 6".

## CART PATH MAINTENANCE

### A. Edging

Cart path edges in areas of the course that retains moisture better will need to be edged on an as needed basis. All cart paths will be edged no less than bi-annually.

### B. Surfaces

The surface of the cart paths shall be kept free of debris and grass clippings on a regular basis.

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