



Maintenance Diary

Golf - Bill Davidson

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Aerification schedule is always 1st full week in June, 2nd full week in July, 3rd full week in August, & last full week in September

Cultural Practices:

June

- Lower height of cut to 3/8" by circle cutting with groomers lowered to bottom of roller height and scalp prior to aerification
- Aerify 3/4" hollow tine, drag, blow off debris
- Circle cut again at 3/8" with groomers lowered to bottom of roller
- Blow off and vacuum up debris
- Topdress and drag sand into surface
- Bunker face height of cut is dropped as low as the flymowers will go. Height will not change all season.

July

- Circle cut all Celebration again at 3/8" with groomers lowered to bottom of roller
- Fairways
 - Aerify 3/4" hollow tine, drag, blow off debris
 - Vertical mow, 3" spacing, at a depth of 1.5" using a Toro Aerothatch 83 and a 40 HP tractor. Need large tractor to drive vertical mower machine that deep
 - Vacuum the debris - need a lot of vacuums as there is a tremendous amount to cleanup. (Potentially 600 yds or more)
 - Circle cut again at 3/8" with groomers lowered to bottom of roller
 - Blow into wind and vacuum
 - Topdress
- Tees, approaches, & collars
 - Walk vertical mow, 1" spacing at 1" deep. (Should look pretty devastating)
 - Vacuum debris
 - Circle cut all Celebration again at 3/8" with groomers lowered to bottom of roller
 - Blow off
 - Topdress
- Roughs
 - Use some sort of "turf comb" like a TerraRake by Weideman and run it through the rough to stand it up and then scalp it down to 5/8"

August

- A repeat of July on fairways
- Tees, collars, & approaches
 - Only change is that we use Carbide Tip vertical mowers at 1/8" deep that are used on the greens to heavy groom the Celebration because of the massive turf reduction from the walking vertical mower. We go down and back in the same pass to aggressively attack the grain without digging out Celebration.
- Roughs height of cut lowered to 1/2", circle cut repeatedly until nothing but stems left.

September

- No real aggressive maintenance is done.
- All cutting unit groomers are raised to 50% of height of cut and run once a week.
- Raise height of cut to 1" in roughs

October

- Raise height of cut to .600 for tees, collars, approaches and fairways for season
- Raise height of cut in roughs to 1.5" for season

Fertility:

Granular

- May – August: 1/2 lb of 10-0-11 (21-0-0 and 0-0-22 blended together) 1 week before aerification & then following to aid in recovery
- September – April: 32-0-18 all slow release applied at 2.5 lbs of nitrogen per 1000 sq ft every 75-80 days

Fertigation

- Heavy minor packages for color as needed. Typically a 20-0-0 with 3% Fe 3% Mg 3% Mn

IPM Strategies:

1. Late April-Early May: Spray wall to wall Provaunt for mole cricket nymphs
2. Late April-Early May: Spray wall to wall Merit for grub control
3. I do not use any wall to wall pre-emergents - continual spot spray - no chemical chemistry concerns - preventative herbicide on an as needed basis
4. September: Wall to wall Curfew application

