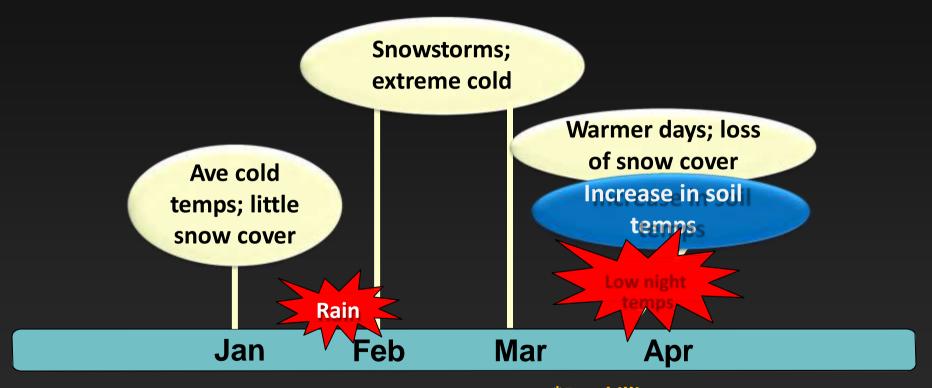


# Winter 2015 Impacts on Northeast

Brett Chapin
Golf Course Superintendent
The Redding Country Club
Redding, CT

#### **Northeast Winter 2015**



<sup>\*</sup>Poa killing temperatures

<sup>\*</sup>Desiccation

#### Strategies for Winter Preconditioning

Maximize cold hardening

Minimize overhydration

Minimize desiccation

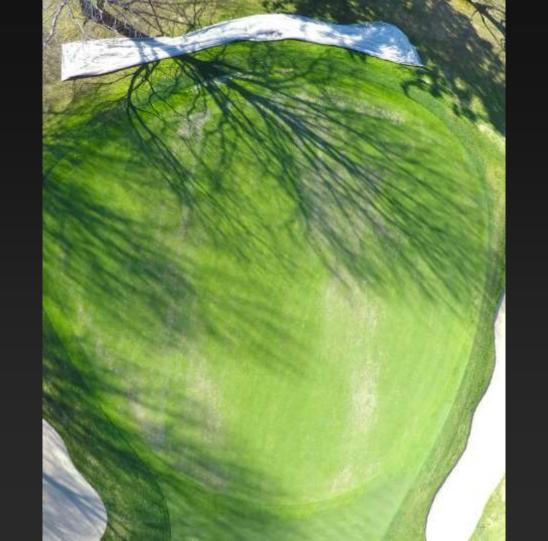
Minimize temperature fluctuations around crown

DaCosta - Umass

#### Strategies for Winter Preconditioning

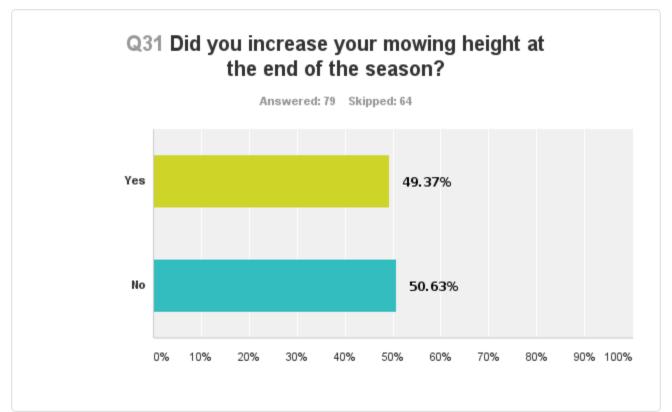
 Promote cold acclimation, maximize carbohydrate storage, minimize tissue hydration

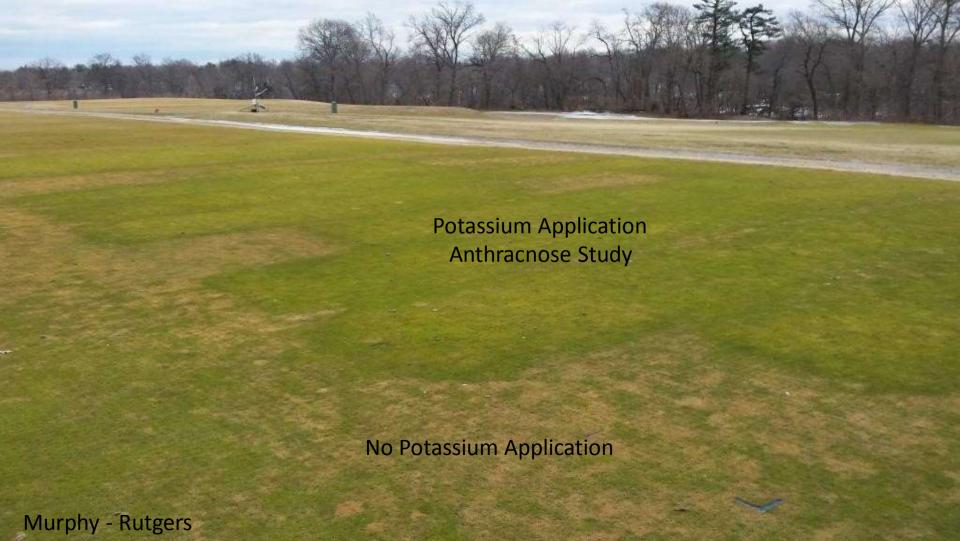
- Shade management
- Mowing height
- Nitrogen, potassium fertility
- Drainage





#### How Did We Prepare in Fall 2014?







#### Strategies for Damage Prevention

- What Helps and What Hurts?
  - Covers
  - Topdress
  - Bentgrass





#### Year 1 Permeable Cover

#### Year 2 Bunker Liner











#### Strategies for Snow Removal

- Evaluate, Don't Over React, Proceed
  - Hand Shovel
  - -Snow blow
  - Machine Work
  - Pigments, Ice Melts









#### Strategies for Recovery

- Remove Snow/Ice, Evaluate Damage
- Proceed to Recovery Mode
  - Plug Damage
  - -Sod Cut Damage
  - Aerate/Slice Seed
  - Leave it alone











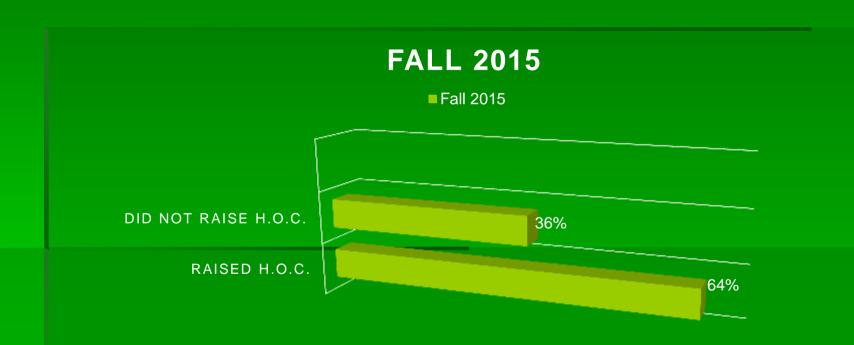


## Cultural practices – let it grow!

Fall is prime time for cultural practices to improve turfgrass health.

- In addition to core aeration and fall fertilization, consideration should be given to raise mowing heights as fall progresses.
- Higher mowing heights won't save the turf alone if winterkill is again an issue, but it could certainly be a factor in producing a healthier plant.
- If you think back, how many putting greens had winterkill, but the collar had no damage?
- Granted, the greens aren't going to look like collars going into winter, but maybe even a slight increase in height might help.

### Did We Listen to The Professionals



#### **Questions**

- Brett Chapin
- Golf Course Superintendent
- The Redding Country Club
- Redding, CT

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