Growing Bermuda In The North
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Bermuda in Mid-Ohio?
What the hell are you thinking?

Field Assessment
Assessment for the varsity soccer field (Barclay Thompson) 2017
GMAXX score, soil mechanics and nutrient test are listed in the GIS evaluation link below
http://satc.g.maps.arcgis.com/apps/View/index.html?appid=d911dec16ee94f8aa6cef43f20befb99&extent=-82.5234,40.0742,-82.5160,40.0770

Pine trees blocking air movement and sunlight on all four sides of the field.
Annual poa covering over 65% of the field causing poor shearing from shallow roots.
No fence guard in place that could cause injuries.

✓ What Are Warmest Summer Months
✓ Average Cloudy Days

1/6/2020
Latitude 36

1. Bermuda
2. Bluemuda
3. Over Seed with Perennial Ryegrass

Renovation

No Recovery From divots, etc.

1. Poa Annua
2. Competition
Renovation

Sprigging June 1st 2017

Grow-In Week 1

Grow-In Week 2

Apply 5-4-5
UV rays are responsible for another type of damage (sunburn, DNA damage, and physical damage to leaf surfaces) that inhibit the photosynthesis and transpiration processes.
Effects of ultraviolet radiation on plant cells. ... UV-B radiation has been shown to be harmful to living organisms, damaging DNA, proteins, lipids and membranes. Plants, which use sunlight for photosynthesis and are unable to avoid exposure to enhanced levels of UV-B radiation, are at risk.


UV Maintenance

Protection

What Is A Polar Vortex?

What Part Of The US Does The Polar Vortex Hit?
Hawk-Eye™ System

May 15th Aeration Program
- Solid Tine ¾ Inch Late Spring
- Hollow Tine ¾ Inch Mid Summer
- Hollow Tine Goal Mouths and Sidelines After Each Game.

Early Summer/ Take out the Rye/ Field Recovery

Potassium/ Three Applications Over The Summer Months

Over Seed Prepping

Raised Cutting Height In The Fall
- May-August .75”
- September-October 1”
Fertilizer, Topdressing and Over-Seed Program

- We use 70% Carbon and 30% Synthetic fertilizers.
- 100 tons of USGA Topdressing Use Annually / Two Applications.
- Over seeding at 18-20lbs per 1,000 SQ-FT initially, then cut it back to 10lbs per thousand SQ-FT for five weeks.

Problem

Solution

Problem
Both Conner Kicks Were Always Heavily Saturated
Solution

Problem

Low Sulfur
High pH
High Magnesium
High Calcium
High Sodium

Organic Matter/Clay 20%
Silt 60%
Sand 20%

@ Grounds and Landscape at Denison University

THANK YOU!