

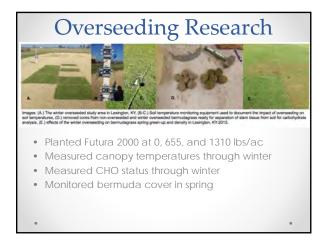




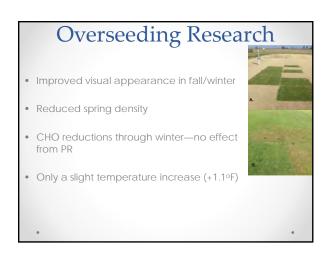
Mowing

- During active growth (summer), 0.5-1.0 inches
- Early fall, 1.0-1.5 inches
 - o Increased CHO production and storage
 - o Insulation
- o More leaf tissue may resist wear=longer seasonal durability
- Slight increases should not affect playability/ball roll

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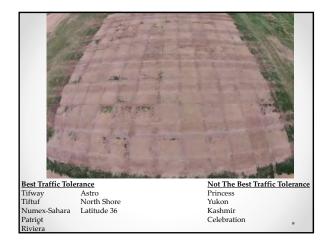




Overseeding (What we know or think we know)

- PR is species of choice for athletic fields
- Suggested planting rates range from 218-1311 lbs/ac (Goatley, 2008; McCarty, 2016)
- Overseeded bermuda often has density issues in spring
- Bermuda needs 60-100 days with no competition to replenish CHOs (Askew, 2010)



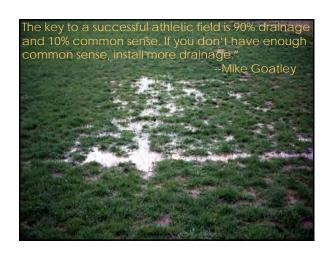


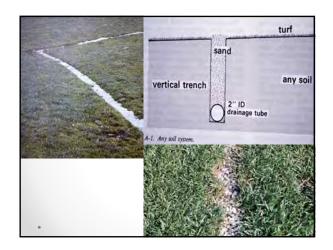






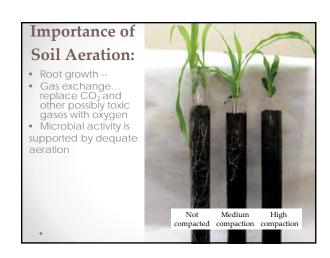








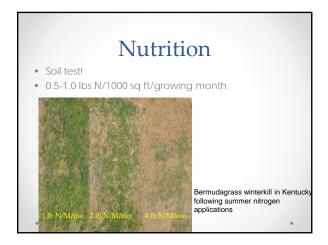


















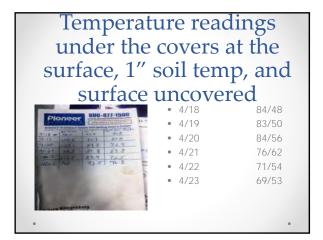
"FEEDING THE SOIL" Feeding the soil basic philosophy Using less synthetic granular fert, more organic sources Using less granular N, more liquid N released by microbial activity Spraying molasses Adding more microbes Spraying foliar products have high levels of amino acids for plant health Making a real effort to build up the carbohydrate level in the plant







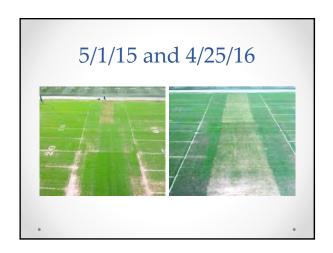








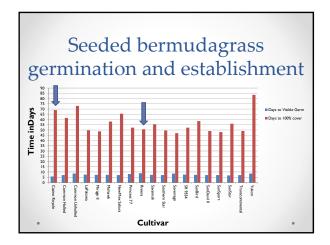












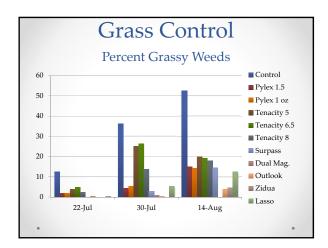
Seeded bermudagrass germination and establishment Grassy weeds - Goosegrass (Elusine indica) Major problem during germination and establishment Germinates quickly after soil is disturbed Germinates quicker than the fastest bermuda cultivars Competes for light, water, and nutrients

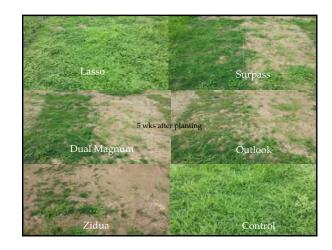


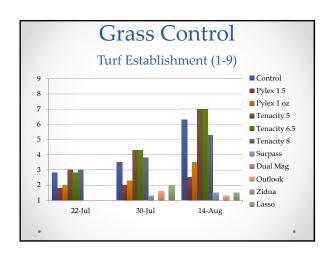




Grass Control Treatments (all treatments applied prior to seeding and sprigging): Control Tenacity 5 fl oz/A Tenacity 5 fl oz/A Tenacity 5 fl oz/A Tenacity 8 fl oz/A Pylex 1 fl oz/A Pylex 1 fl oz/A Dual Magnum 0.67 pt/A Dual Magnum 0.67 pt/A United 2 oz/A Plots established and treated July 7 Latitude 36 and Riviera













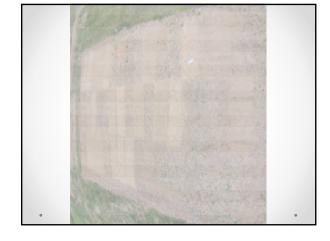
2016

- The effect of Tenacity at planting for crab/goose control.
- Treatments:

 - o Tenacity 0 fl oz/A
 o Tenacity 5 fl oz/A
 o Tenacity 8 fl oz/A
 o Tenacity 16 fl oz/A

 - Riviera and Latitude 36 bermudagrass
 Compadre and Meyer zoysiagrass

 - o Timings:
 At planting (June 15)
 2 WAP
 4 WAP

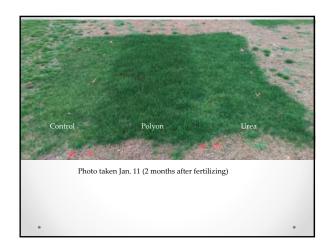








C3/C4 • Plots established Nov. 5, 2015 • PhD Perennial Ryegrass HGT Kentucky bluegrass 2.5 and 5.0 lbs PLS/1000 sq. ft Vertical mow or not Control • Each plot fertilized with: Polyon 2.5 lbs N/1000 sq ft applied in Nov. Urea 2.5 lbs N/1000 sq ft applied 1 lb in Nov, 0.5 lb in Mar, Apr, May Control (no N)



C3/C4 First year observations Excellent first winter color Better summer color KBG>PR>BG Not maintenance free (irrigation) May need to add seed each year 2nd year color/cover only mediocre Polyon looked good

