

Advanced Turf Solutions  
SPORTS TURF DIVISION

## Advanced Turf Solutions

- Est Oct 1, 2001
- Based in Fishers, IN
- Covers a 14 state area from a product distribution perspective
- J&D Turf (est June 2008) is the service division of Advanced Turf Solutions
- Service locations in Indianapolis, St Louis and Milwaukee
- ATS/J&D provides product, consulting and service to athletes of all ages and abilities.  
From NFL/MLB, colleges, high schools to local little leagues and soccer clubs

## Jamie Mehringer

- Graduated from Marian University in '98 - Sports Management
- Graduated from Purdue University in Dec '99 - Turfgrass Science
- Victory Field - 1999-2008
- J&D Turf/ATS - 2008 - Present
- Married to Wendy (Wolfréd) Mehringer - Ben Davis HS '97
- Kids - Clare (7) and Hank (4)
- VP Sports Turf with Advanced Turf Solutions
- Clients include - Indianapolis Colts, Chicago Cubs, Grand Park, MLB - Baseball Tomorrow Fund, Columbia City HS, Zionsville Youth Soccer.



Evan Buckley

- ▶ Graduated from Purdue University May 2008-Turf Science
- ▶ Indianapolis Indians-Victory Field
- ▶ City of Fishers/Hamilton Southeastern Schools
- ▶ Noblesville Schools
- ▶ Brownsburg Community School Corporation
- ▶ Advanced Turf Solutions
- ▶ Wife-Kelsey, Children-Aria (7) and Willa (1)
- ▶ Clients include-Indianapolis Indians, Indians Charities, Northwestern Univ., Purdue Univ., Ind. St. Univ., Rose Hulman, Avon CSC, Brownsburg CSC, Zionsville CSC, Hamilton SE, Noblesville Schools, Covenant Christian, City of Fishers, and many other K-12 Corporations

## Wayne Township Athletic Field Review

- ▶ Site Tour May 10<sup>th</sup>, 2021
  - ▶ Chapel Hill, Lynhurst, Ben Davis
- ▶ All facility findings were consistent across the board
  - ▶ Good original field construction with exception to baseball and soccer
  - ▶ Good turf quality
  - ▶ Irrigation systems present
  - ▶ Fertility program in place
    - ▶ Adjust to fit each sport appropriately

## Wayne Township Athletic Field Review

- ▶ Areas for improvement
  - ▶ Improved mowing practices
    - ▶ More consistent height of cut
    - ▶ Work load
    - ▶ Attention to detail
  - ▶ Changes to fertility program
    - ▶ Proper timing of applications
    - ▶ Plant Growth Regulators (PGRs)
  - ▶ Softball and Baseball Skinned Areas
    - ▶ Old brick dust lip issues
    - ▶ Loss of material from migration
    - ▶ Poor grade and holding water
    - ▶ Mound, plate, and bullpen concerns
  - ▶ Fencing and Fence Capping
    - ▶ Backstop systems
    - ▶ Ample dugout space

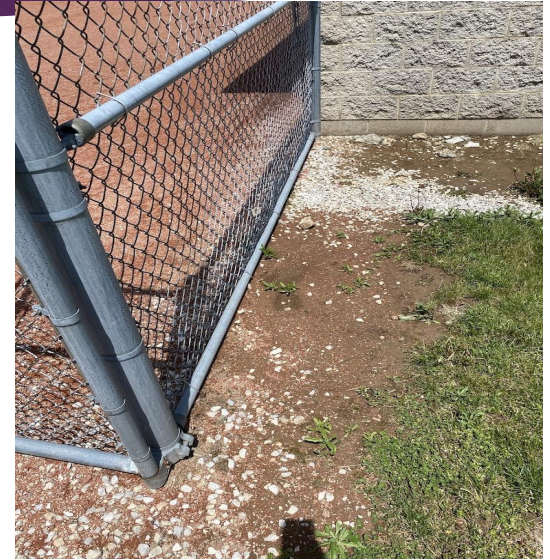
## Wayne Township Athletic Field Review



Eroded fence capping



Contaminated soccer field



Loss of material and contamination

## Wayne Township Athletic Field Review



Lips forming on edges



Proper field layouts



Height of cut



## Wayne Township Athletic Field Review



Utilize extra space for expanded dugout area



Use of PGR to reduce clippings

## Wayne Township Athletic Field Review

- ▶ Conclusion
  - ▶ Properly Maintained Fields - 5 core items
    - ▶ Good grade and surface drainage
    - ▶ Irrigation present and properly functioning
    - ▶ Proper mowing practices
    - ▶ Fertilizer and pesticide program for appropriate sport
    - ▶ Aerification, overseeding, and topdressing program for appropriate sport
  - ▶ With adjustments fields will perform at a high level

## Wayne Township Athletic Field Recommendations

### Overall Recommendations

- ▶ Implement a balanced turfgrass fertility program
  - ▶ Correct timing of applications
  - ▶ Increased aerification and topdressing
  - ▶ More frequent mowing and use of PGRs
  - ▶ Increased attention to detail
  
- ▶ Softball and Baseball
  - ▶ Address all infield skins and edges
  - ▶ Install a 2" cap on infield skins
  - ▶ Set all fields to regulation distances, mounds and plated radius, and mound and plate heights
  - ▶ Expanded dugout fronts
  - ▶ Fence Capping
  - ▶ Backstop Netting

## Site Specific Project Considerations

- ▶ Varsity Soccer
  - ▶ Inconsistent grade
  - ▶ Poor drainage
  - ▶ Low infiltration rate with poor draining soils
  - ▶ Recommendation of a sand cap system (See Report)
- ▶ Varsity Baseball
  - ▶ Poor grade
  - ▶ Edges fall at a very steep grade
  - ▶ Mound, plate, and bullpens need addressed
  - ▶ Expand dugout front
  - ▶ Recommendation of regrading from backarc toward homeplate and installing a 2" cap of engineered infield mix to correct all issues