

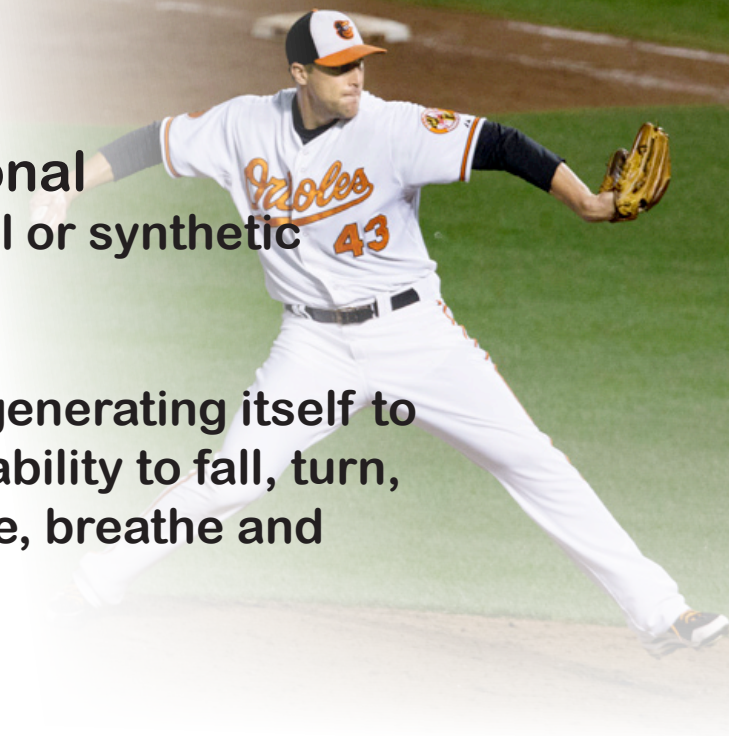


# GRASS MATTERS

I WALK THE FIELDS. I KNOW GRASS AT THE ROOTS.  
WHEN IT COMES TO GRASS, I'VE GOT YOU COVERED.

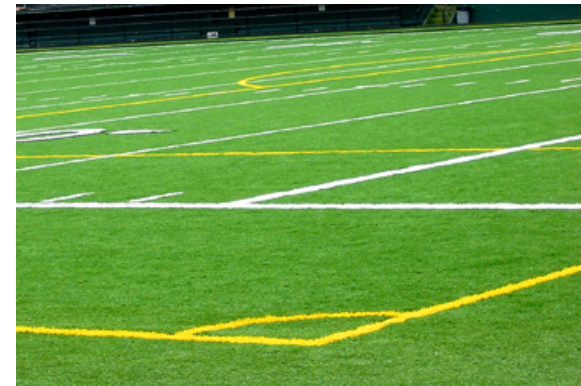


**Welcome to Turf International  
where GRASS MATTERS whether natural or synthetic**



**Grass is alive and regenerating itself to support an athlete's ability to fall, turn, slide, stop, accelerate, breathe and provide comfort.**

**Synthetic gives the players the above qualities plus a surface that is durable with greater wear tolerance and a different type of ball roll and play.**

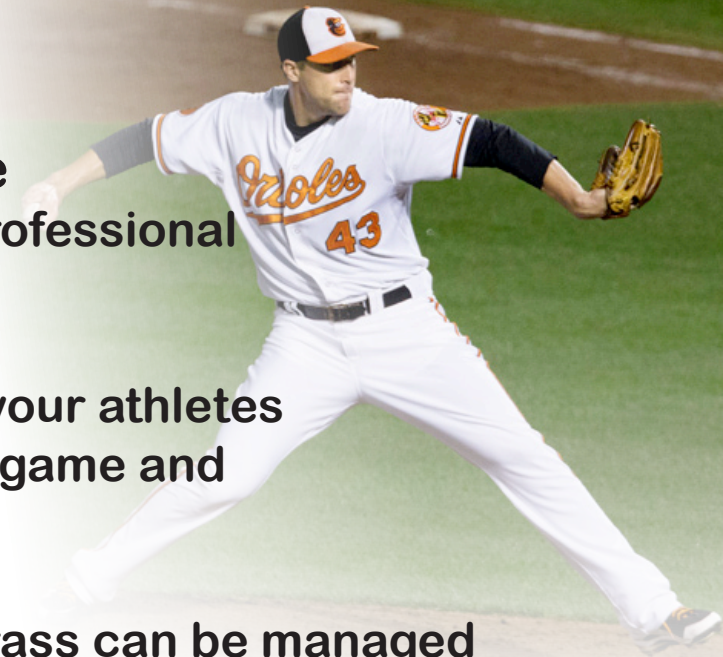


**Protection of the Athlete  
starts with the ground maintenance professional**



**Support and protect your athletes  
while improving their game and  
reducing injuries.**

**Sports turf and turfgrass can be managed  
properly with the right tools, experience,  
knowledge, and resources available.**



**Own effective fields with pleasing aesthetics.**

**Feel confident in your field's health, safety and playability.**

**Choose the 'Pitbull for Healthy Grass' as your professional  
consultant.**

## It Starts with a Soil Test and understanding the importance of each nutrient

### ROOT/PLANT DEVELOPMENT

Understanding the importance of each nutrient element ensures in the production of root/plant development.

### THE RIGHT FERTILIZER

Understanding the fertilizer analysis from a soil test is essential when choosing the right fertilizer for your turf management program.

- **NITROGEN** is used by plants for producing leaf growth and chlorophyll production.
- **PHOSPHORUS** is used by plant to increase fruit development and help produce a strong root system.
- **POTASSIUM** is used by plants for flower color and size. It is extremely important for plant strength and root integrity.



## The Turf Management Program must have the following working components

- **MECHANICAL**

Aeration and slicing for increased oxygen to the roots, root pruning and improved water penetration.

Synthetic field grooming for standing the leaf upright and evenly displacing the impact material.

- **CULTURAL**

Overseeding with the correct grass varieties and timing the application for achieving the maximum germination.

Removal of organic matter is the most critical in synthetic field maintenance.



- **BIOLOGICAL**

Nematodes play a significant role in root health and disease resistance.

- **PHYSICAL**

The most important activity for both natural and synthetic is consistent monitoring and visually observing the turf and its response to your program.

- **CHEMICAL**

Fine tuning the fertilizer program with soil test analysis allows for proper application amounts and takes the guess work out of plant nutrient requirements.

Good air flow with proper placement, monthly cleaning, and rain events do an adequate job of keeping synthetic fields healthy.



## Hire the Professional

When you need a Pitbull on your team, I'm your guy.

- **TRUST, HONESTY, RELIABILITY**

I build professional relationships based on trust, honesty and reliability.

- **REPLICATED QUALITY**

In research, replication in any experiment supports or non-supports the conclusion. Over my career, my replication to produce a quality sports turf and provide adequate maintenance has proven it works. The Regional Athletic Complex (RAC) in Lacey, WA is the showcase to my success.



## Experience and Knowledge professional foundations

- **EXPERIENCE**  
Sports Field Management - 18 years  
Sport Turf Research - 6 years
- **KNOWLEDGE**  
Degree - Horticulture, WA State University, Pullman, WA
- **PROFESSIONAL AFFILIATIONS**  
Sports Turf Managers Association (STMA)  
Pacific Northwest Sports Turf Managers Association (PNWSTMA)  
Western Washington Chapter Golf Course Superintendent  
Association of America (WWGCSA)







## Matt Johns The Pitbull for Healthy Grass



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