



Porous Amendments



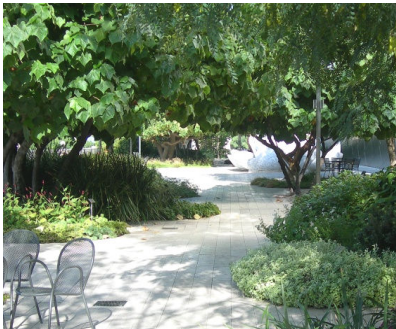
Infield Conditioners



3 Creek Ranch, Jackson Hole, WY
Verdone Landscape Architecture

Recent Projects:

- Portland Timbers MLS Practice Field, OR
- NFL Indianapolis Colts Practice Field, IN
- PCC / THPRD Athletic Field Complex, OR
- Ronald Reagan UCLA Medical Center, CA
- St. Martins College Soccer Stadium Field, WA
- Getty Museum Los Angeles, CA
- Los Positas JC Soccer Field Livermore, CA
- I-15 & I-95 Hwy, Nev. DOT



Walt Disney Concert Hall, L.A., CA
Larry Moline and Melinda Taylor

Water Research & Highlights

"Facts are stubborn things." John Adams

EnviroTech
Soil Solutions, Inc.
www.axisplayball.com
866-546-3722

AXIS Pores are Plant Available Water Pores - University of Augsburg

University of Augsburg (Germany) identifies PAW Pore Size which are the same size in AXIS. 10% AXIS increases Medium and Fine Pores in USGA sand by 60%.

Best Plant Available Water (PAW) of Inorganics & Compost - UC Davis

AXIS has 50% more PAW than Lassenite and 90% more than Calcined Clays. In 3 year field trials, AXIS had 400% more PAW than compost at the same rate.

AXIS is the Least Irrigated Amendment in USGA Study - Rutgers

AXIS required the least irrigation in 9 year research of numerous soil amendments. AXIS reduced hand watering; was watered 29% - 42% less than clay amendment.

AXIS Reduces Irrigation Amount & Frequency in Turf - Ohio State

Dr. Ed McCoy concludes AXIS reduces both irrigation amount and frequency. 10% AXIS increased Available Water Capacity in USGA sand by 34%.

Turf Wear in AXIS is equal to Modular Reinforcement - Tarleton State

Preliminary traffic study using a skid steer loader showed equal turf wear for AXIS at 20% by volume, and for modular turf reinforcement systems used for firelanes.



Non-Irrigated Roadside Plants for Nevada DOT



Fields built with AXIS to save water & Play Ball!

AXIS is Featured in "Sustainable Land Development Today"

PCC Rock Creek and Tualatin Hills Parks & Recreation create athletic fields with AXIS to reduce irrigation and Play Ball! for the baseball and softball infields.

www.nxtbook.com/nxtbooks/futurus/ldtoday0608/index.php?startid=20

AXIS is Featured in "SportsTurf" Magazine

Longterm performance of athletic fields built with AXIS up to 12 years ago with rootmass pictures proves long term field vitality and resiliency for facility owners.

<http://digitalmagazinetechology.com/a/?KEY=sportsturf-09-07july#page=15>

NFL Colts Head Groundskeeper "Spin" Martin Selects AXIS

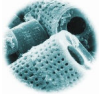
AXIS was "a no-brainer" to rebuild the Colts practice field. *"I had 14" roots in 6 weeks, 60% water savings, less compaction, and no bare spots in 12 weeks."*

AXIS Increases Non-Irrigated Plant Survival - Wyoming DOT

AXIS increased survival rates of native plants from 20-25% to 70-99% when applied at 15% by volume. Results were 1-5 years post-construction over 5 sites.



Porous Amendments



PLAY BALL!

Infield Conditioners

Benefits of AXIS & Play Ball!

- Reduces Irrigation
- Reduces Compaction
- Increases Infiltration
- Buffers Soil Temperatures
- Balances Air and Water in Soils
- Increases Plant Available Water
- Improves Plant Survival & Establishment

ENVIRONMENTALLY FRIENDLY

Contributes to LEED Points
 Transportation & Construction Efficiencies

Organic Origin
 Reduces Irrigation
 No Sodium Adsorption

PLANTING SOIL & BACKFILL

Improves Survival Rates
 Improves Transplant Establishment
 Improves Air and Water Capacity
 Reduces "Bathtub" Effect
 Reduces Replacements & Call Backs
 Increases Plant Available Water

GOLF COURSE & ATHLETIC TURF

Improves Rootmass by 4 Times
 Improves Drainage
 Increases Wear Resistance
 Improves Playing Surfaces
 Protects Construction Investments
 Reduces Irrigation

BIOSWALES & STORMWATER

Increases Water Holding 35-40%
 Reduces Runoff
 Improves Microbial Activity
 Natural Filtration of Contaminants
 Improves Available Water
 Improves Air Capacity

ROOFTOP APPLICATIONS

Light Weight - 26 lbs. / cu. ft.
 Reduces Overall Soil Weight
 Buffers Soil & "Heat Island" Temps
 Increases Plant Available Water
 Reduces Irrigation Requirements
 Improves Transplant Establishment



PLAY BALL! Infield Conditioner

Highest Absorbency
 Greatest Release of Water
 Largest Volume of Managed Water
 More Cubic Yards per Ton
 Treats 2-3 Times the Area
 Easier to Apply
 Best Performance & Value!

DESIGN RESOURCES

Research, Experience, Recommendations, References, and Testing
 Specifications in CSI & Greenbook Formats Downloadable from Website

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AXIS Performs for Years!

10% AXIS in sand after 9 Years



10% AXIS in native after 8 years



10% AXIS in sand after 2 Years



Non-Irrigated Rooftop Modules
 Left: No AXIS Right: 25% AXIS

