Recent Developments

NFL Indianapolis Colts Choose AXIS for Rebuilding Practice Fields

AXIS was chosen by Head Groundskeeper Mickal "Spin" Martin after comparative physical soil analysis by Dr. Norm Hummel, over the leading brand of calcined clay due to it's significantly higher available water and high infiltration rates. AXIS also represented significant cost savings in addition to superior effects on soil performance.

AXIS Requires the Least Irrigation in 9 year USGA Research at Rutgers

In a study designed to examine virtually every type of organic and inorganic amendment, AXIS required the least amount of irrigation of any amendment in both years listed, and was one of only two amendments that reduced hand watering. Conversely, calcined clays required the most irrigation, even more than 100% sand, and at times developed localized dry spot.

USGA Approves AXIS for Putting Green Construction By The USGA Green Section Staff

Inorganic and Other Amendments: Porous inorganic amendments such as calcined clays (porous ceramics), calcined diatomites, and zeolites may be used in place of or in conjunction with peat in root zone mixes, provided that the particle size and performance criteria of the mix are met.

Ohio State University Research Quantifies Water Savings with AXIS

Noted soil physicist Dr. Ed McCoy determines reduction of irrigation requirements *and* reductions in irrigation frequency with AXIS in a USGA constructed rootzone at 10% by volume at 7 different locations in the United States.

Wyoming DOT Increases Survival of Non-Irrigated Roadside Plantings

Survival Rates of Native Trees & Shrubs Increased from 20-25% to 70-99% using Diatomaceous Earth as 15% of the backfill. Data was collected over 5 different sites, from 1 to 5 years after planting.

Up to 93% of the Water AXIS Absorbs is Plant Available

European Laboratory 'Labosport' confirmed that 93% of the water that AXIS absorbs is available to plants. AXIS 'Regular' absorbs 114% of it's weight in water, resulting in each pound of AXIS providing an additional pound of available water.

AXIS Increases Available Water by 34%

Ohio State University, 2004, as part of our Water Savings Research, with AXIS at 10% by volume in USGA sand, Available Water increased 34% in both fine *and* coarse USGA sand.

AXIS Does Not Contribute to Sodium Accumulation

Georg Armbruster Laboratory establishes that AXIS does not increase Sodium accumulation in the soil when sodium affected irrigation water is used. To the extent AXIS increases infiltration rates, it can be an aid in flushing practices to control sodium.

AXIS is Trusted Around the World

AXIS is specified by Golf Course Architects, Sportsfield Architects, Landscape Architects and Designers around the world and in NFL and World Cup facilities as well as professional and residential landscapes.

For original reports or for other product information, contact:

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