



**NATURE'S SOIL
AMENDMENT SOLUTION**

Air and water in soil move freely through the pores of the AXIS diatom, a microscopic, silica-based chambered structure unique in the world. After all, nature's original purpose for this structure was to support plant life.

AXIS[®] will improve your soil porosity for growing roots like this



With inorganic soil amendments, non-compacting internal pore space is what helps balance air and water in the soil, resist compaction, increase infiltration, buffer soil temperatures and increase plant available water.

Many in the turf sciences believe AXIS is the finest inorganic amendment available. Why?

Internal pore space. Over 80% of the natural, non-compacting pore space in AXIS is in the .1 to 1.0 micron size range. Most pores in calcined clays and zeolites are smaller than that. Larger pores release water more readily than smaller pores. It's simple physics.

More porosity per pound saves you money

The AXIS difference also shows up in bulk density. A cubic yard of AXIS weighs about 660 pounds. A cubic yard of calcined clay weighs about 1,060 pounds, zeolite about 1485 pounds. Bottom line: With AXIS you get more pore space for better soil structure and easier turf management with less material and cost.

AXIS is a naturally porous mineral called diatomaceous earth, or DE, a unique form found in Clark, Nevada, and calcined (kiln fired) to resist break down.

AXIS works every time. Just ask anyone who's tried it. You should try AXIS too. Call today for the AXIS dealer nearest you.

Application Rates / 1000 sq. ft.

1,300 lbs.	1,900 lbs.
AXIS	Calcined Clay

Improved soil porosity with about 1/3 less material

Incorporation rates according to manufacturers' recommendations at 6" depth. Rates may vary.

- Balances O₂ and H₂O in soil
- Resists compaction
- Increases infiltration
- Buffers soil temperature
- Increases plant available water
- Meets USGA particle size requirements
- Outstanding long term stability
- Incorporate, topdress, or DryJect[®]

AXIS[®]
Improves Soil Structure

1-800-228-3857

Eagle-Picher Minerals, Inc. Reno, NV



AXIS DIATOM MAGNIFIED 3000X

If Nature is an architect,
the AXIS diatom is a masterpiece.

For improving soil structure
AXIS soil amendment has no equal.

Found only one place on earth, the elegant AXIS diatom constitutes a unique soil amendment, a naturally occurring mineral that is 84% porous. AXIS provides exceptional and long lasting benefits:

- For turf, bedding areas, trees, containers
- Increases plant available water
- Improves water infiltration
- Increases soil porosity
- Enhances air and water balance in soil
- Buffers soil temperatures
- Resists compaction
- Kiln fired for long term durability

AXIS[®]

CALCINED DIATOMACEOUS EARTH SOIL AMENDMENT

Improves Soil Structure

Call for samples and technical information

1-800-228-3857

Eagle-Picher Minerals, Inc. Reno, NV

See us at ASLA,
Booth 1618

AXIS helps enhance landscape installations in a wide range of projects, including USX Plaza, Pittsburgh, PA • Cedar Point, Sandusky, OH
Statue of Liberty, New York Harbor • Bristol-Myers Squibb, New York, NY • Sports fields and golf courses worldwide



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AXIS® will improve your soil porosity for growing roots like this



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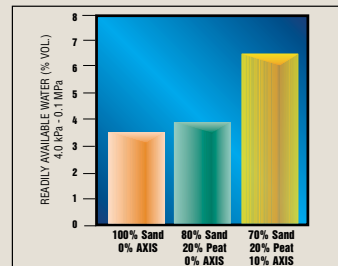
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AXIS increases Plant Available Water



AXIS holds moisture in reserve for use by plants during drought conditions.

- Balances O₂ and H₂O in soil
- Resists compaction
- Increases infiltration
- Buffers soil temperature
- Meets USGA particle size requirements
- Outstanding long term stability
- Incorporate, topdress, or DryJect®

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Journal of Turfgrass Management, Vol 2(4) 1998. Water and Nutrient Retention Properties in Internally Porous Inorganic Amendments in High Sand Content Root Zones, by Edward L. McCoy, Ohio State University, and Richard C Stehouwer, Pennsylvania State University