

Apex10 for Lawns



From Earth.... For the Earth....

SOD INSTALLATION / LAWNS

Benefits- Things you can expect to see

- **OMRI Listed Organic**
- APEX-10 can be mixed with any other component of program
- Enhancement of fertilizer applications
- Reduction in irrigation by at least 30%
- Reduce transplant loss by at least 50%
- Faster rooting, increase in root mass
- Increased stress tolerance and durability
- Extended color between fertilizer applications

Rates and Timing:

New Install: Apply 3oz/1000 sq ft on soil once prepared and 3oz/1000 sq ft on top of new sod once installed. Apply 3oz/1000 sq ft 30 days after sod installed. As maintenance apply 3oz/1000 sq ft every 45-60 days.

Lawn Maintenance: Apply 3oz/1000 sq ft every 45-60 days.

SOD INSTALLATION / LAWNS

Benefits- Things you can expect to see

- **OMRI Listed Organic**
- APEX-10 can be tank mixed with any other component of program
- Enhancement of fertilizer applications
- Reduction in irrigation by at least 30%
- Increased drought and stress tolerance
- Increase in root mass
- Enhanced seed establishment
- Reduction in overall sod cycle
- Harvest stronger, more mature sod sooner
- Successfully plant in weaker soil
- Harvesting sod sooner saves you time and money
- Increased plant metabolism helps sprigs fill in sooner

Rates and Timing:

COOL SEASON SOD: Apply 3oz/1000 sq ft at planting (1 gallon / acre). Apply 3oz/1000 sq ft in Spring when soil temperatures reach 50 degrees.

WARM SEASON SOD: Apply 3oz/1000 sq ft (1 gallon / acre) when new growth has emerged or sprigs have shown consistent growth. Apply 3oz/1000 sq ft 30 days later.

Advantages of Using APEX-10

Feature

Benefit

100% Organic

APEX-10 is 100% organic, tested to USDA organic program rules and registered with the Organic Material Review Institute (OMRI) No: CTI-9248.

Proven Tested & Documented

APEX-10 tested under many environmental conditions at several of the countries leading universities and International institutions have resulted in overwhelming success.

Increases soil microbes

APEX-10 significantly increases total soil biomass and soil biomass activity.

Increased Nutrient Cycling

APEX-10 significantly increases predatory Microbes, which then consume food and create more biomass releasing their waste including NH₄ into the soil and taken up by other organisms and plant roots.

Increases Nutrient Retention

By increasing soil biomass with **APEX-10** nitrogen in forms of organic matter and organism biomass becomes less mobile in the soil and not washed through the soil, as is the case with the run-off of nitrate and ammonium when high levels of soil biomass are not present.

Advantages of Using APEX-10

Increase in the soil Structure

APEX-10 increases soil biomass and biomass activity influence the combining of soil matter. As bacterial biomass activity increases, organic matter combined with the chemical properties of the soil allow more soil particles to bond. When higher-level organisms such as earthworms and arthropods increase in populations and become more active, they consume small soil particles as they consume organic matter, when processed through their bodies they create faecal matter and these small soil particles in the faecal matter combine together with the soil structure.

Increased water holding capacity

Increased fungal biomass from **APEX-10** directly increases fungal hyphae that combines with plant root hair improving soil stability, soil porosity, water infiltration, and water holding capacity in the soil.

Aiding in Suppressing Disease Causing microorganisms

APEX-10 increase complex populations of microorganisms present in the soil. These beneficial organisms out compete disease-causing organisms for food. This process creates increased populations of beneficial microorganisms thus reducing the population of disease-causing microorganisms.

Increase Photosynthesis

APEX-10 increases in photosynthetic activity to turf grown under non-stressful conditions and turf grown heat stressed and drought stress conditions.

Advantages of Using APEX-10

Increased quality during heat stress

APEX-10 demonstrated better visual quality, improved drought conditions and during extended periods of drought stress maintained significantly greater root mass.

Increased Plant Antioxidants levels

APEX-10 greatly increases levels of antioxidants in turf grown under heat stress and drought stress conditions.

Newly Seeded Turf

Grown in soil with the correct levels of N, P, & K and in soils deficient in P, showed significant increases in height and density.

Increased Plant Height

Studies indicate that plants treated with **APEX-10** increase plant height.

Increased foliar & dry weight

Plants treated with **APEX-10** measured greater dry weight and foliar dry weight respectively.

Increased root dry weight

Plants treated with **APEX-10** had of 38% greater root weight.

Higher Chlorophyll levels

Chlorophyll levels measured with a S.P.A.D. on plants treated with **APEX-10** showed greater chlorophyll levels

Advantages of Using APEX-10

Reduction in Nitrogen

Data shown in soils treated with **APEX-10** that the amount of nitrogen applied decreased because the level of available nitrogen stored in the soil by microorganisms increased while greater increases in harvest were measured.

Increased harvest in poor soil

Crops treated with **APEX-10** and silicates in poor productive soil were significantly greater as follows

Corn 209% Increase total green mass

Wheat 64% Increase in grain harvest

Tomato 61% Increase in harvest

Pepper 51% Increase in harvest



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VISIT OUR OFFICIAL WEBSITES

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<https://harvestauthenticmarket.com>

<https://kingglobalventures.org>

KGV Denkyem

Official Website

www.kgvdenkyem.com

All new members to KGV Denkyem company are to **Register** and submit their bio data to KGV Denkyem website.

Visit <https://kgvdenkyem.com/executiveregister.php>

Contact KGV IT Dept in case you encounter any difficulty in the registration process. NB: Please include your picture for successful registration

KGV IT Dept.

Natureswonder.com

KGV/Apex10 beautification and enrichment company

King Global ventures construction

Harvest / AKA Farms limited



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