

Country Club[®] MD

Maximum Dispersion

The Next Stage in the Evolution of Golf Course Fertilizers



Best of All Worlds[™]
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What is Country Club MD?

Country Club MD is an innovative fertilizer from LebanonTurf developed to provide superior turf quality and golf course playability. It is uniquely formulated to consistently deliver the optimum nutrients and stress-buffering biostimulants that your putting greens need to stay healthy all season long.

Country Club MD

- Utilizes a unique, highly dispersing homogeneous granule technology
- Contains the stress-buffering biostimulants sea plant kelp meal and humic acid
- Features Meth-Ex® slow release, methylene urea nitrogen
- SGN 80 particle size is ideal for putting greens



See the "MD" at Work!

When Country Club MD comes into contact with water, the sea plant kelp meal and humic acid quickly disperse from the particles, becoming immediately available to the plant. Notice the water turning brown during particle dispersion in this demonstration.



What's the stuff left at the bottom?

Those small, SGN 40, particulates remaining at the bottom of the bottle are primarily the Water Insoluble Nitrogen, long-chain component of Meth-Ex® methylene urea. These ultra-small, insoluble bits will easily move through the tightest of turf canopies, while supplying dependable and stable slow release nitrogen to the turf.



Featuring METH-EX® Slow Release Nitrogen

Meth-Ex is a multi-chain length, methylene urea nitrogen source that delivers consistent, extended release nutrition when the turf needs it most. This high-activity nitrogen delivers excellent color response and maximum long-term feeding.

Meth-Ex is made up of three different types of nitrogen:

1. **Urea** – Delivers just enough nitrogen to green up the turf without any surge or excess growth. It is listed as "urea nitrogen" on the guaranteed analysis label.
2. **Other Water Soluble Nitrogen** - This is the major nitrogen component of Meth-Ex. It requires soil microbes to activate it allowing for steady and proficient release of nitrogen. It is listed as "water soluble nitrogen" on the guaranteed analysis label.
3. **Water Insoluble Nitrogen** - This nitrogen segment is divided into two separate parts, "Hot Water Soluble Nitrogen" and "Hot Water Insoluble Nitrogen".
Hot Water Soluble Nitrogen - This nitrogen section is activated about 45 to 90 days after application to extend feeding time to the turf.
Hot Water Insoluble Nitrogen - This is the smallest portion of nitrogen that makes up less than 10% of Meth-Ex and can take up to six months to fully release.

Stress-Buffering Biostimulants

Country Club MD contains both sea plant kelp meal and humic acid which help the turf grass plant achieve optimum performance by preparing it for the onset of stressful conditions. Turf treated with sea plant kelp meal and humic acid will outperform untreated turf in overall quality and playability during stressful conditions.

Sea Plant Kelp Meal

Country Club MD contains sea plant kelp meal with multiple L-amino acids that turf grass plants absorb for healthy growth during stressful conditions. When sea plant treated turf is under stress, from either biotic or abiotic factors, the following changes occur:

- Root mass and length increases
- Antioxidant levels increase
- Photosynthetic rate and capacity remain stable
- Chlorophyll content increases

These changes lead to greater:

- Drought tolerance
- Heat tolerance
- Fungicide efficacy
- Salt tolerance



Harvesting Ascophyllum Nodosum in the Bay of Fundy

Humic Acid

Country Club MD employs a high-quality humic acid to serve as a soil microbial stimulator and organic chelator for today's high-sand content putting greens where organic matter is often extremely low. This organic biostimulant improves the turf plant's overall ability to take up nutrients for a longer period of time and offers multiple plant and soil health benefits through:

- Increased cation exchange capacity (CEC)
- Expanded moisture holding capacity
- Significantly improved photosynthesis
- Increased root enzyme activity
- Enhanced root mass development

The “MD” Advantages

Country Club MD fertilizer delivers numerous advantages over traditional N-P-K fertilizers with its unique dispersion technology and proprietary particle composition.

Stress Protection

The stress-buffering biostimulants incorporated in Country Club MD fertilizer will assist your greens in preparing for the inevitable periods of stress that come in every growing season. These fertility and soil enhancers help your putting greens achieve optimal performance by safeguarding the turf grass plant against biotic and abiotic stress conditions before they occur. This protection permits your putting greens to continue their high-quality playability for a longer period time under stressful conditions.

No Mower Pickup

Country Club MD rapidly disperses into the putting green’s canopy after irrigation to virtually eliminate the possibility of being picked up by the greens mower during the next mowing. This delivery system ensures that the exact amount of nutrients you intended to feed your greens with actually become available to the turf.

No Particle Migration

Due to its maximized dispersion technology, Country Club MD moves into the turf canopy so efficiently that it practically eliminates the threat of particle migration in situations of over-watering or heavy rain events. Ensuring the nutrients reach and stay where they are intended is another MD advantage.



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