

THE FEATURES OF TURFGRASS AT ITS MOST BRILLIANT – AND PRAIRIE GRASS AT ITS MOST RESILIENT



Have you ever looked out over a wide-open prairie and asked yourself how the grasses there survive – no, thrive – in spite of extreme weather conditions, diseases, and pests? No? Well, we did. And after years of research and testing, we discovered two things: First, healthy natural grasses and healthy turfgrass contain a number of surprising commonalities in their biology. Second, natural grasses contain unique microbes, absent in turfgrass, that further boost their innate resilience. That was the easy part. The hard part was figuring out how to replicate the key elements in natural grasses so they could be used to build optimal health *and* prairie-grass strength in turfgrass.

The result of all that R&D is GenNext A&B. It starts with a two-part formula that includes a blend of liquid fertilizer and humic acid. Kicking it into high gear are our proprietary M3D™ Exoenzymes, harvested from the microbes that grow in nature's harshest environments and boost plants' nutrient uptake and health.

WHAT YOU CAN EXPECT:

- Increased wear tolerance and faster healing
- Abundant rhizome, stolon, and root development
- Increased turfgrass density
- Greater resilience to environmental extremes
- Reduced irrigation needs
- Surface mat and thatch reduction
- Fast color response

INFORMATION AND APPLICATION DATA

OVERVIEW

GenNext A&B is a high-carbon nitrogen and potassium source containing our M3D™ Exoenzymes, which bypass the organic digestion process to bolster existing soil microbial activity and enhance plant growth. Far more than just a fertilizer, it fosters consistent quality, vigor and sustainability throughout the growing season. Soil biology will also improve, promoting desirable cool- and warm-season cultivars or perennial *Poa* biotypes as the soil food web diversifies with a balanced ratio of beneficial bacteria and fungi.

M3D™ EXOENZYMES

So, what the heck are these M3D™ Exoenzymes? The science gets pretty techy, and we love a good science lecture as much as anyone, but the basic idea is that we took these special, plant-activating compounds — some already present in turfgrass, some not — from naturally resilient grasses and developed a way for turfgrass to use them. The compounds trigger a built-in, natural defense system against disease, pests, and weather extremes. Getting a little more science-y, they're made from 3,000 deanimated exoenzyme complexes that allow the plant to sustain itself during times of abiotic and biotic stress.

Our M3D™ Technology supplies the vital end-products that healthy soil environments produce when their growth is optimized. By replicating the soil microorganisms that supply these natural raw materials, we can meet the individual needs of many different plants.

OK, enough with all the science talk. Head over to our website and check out the real-life results at some well-known golf courses and imagine what our technology could do for you.

APPLICATION GUIDELINES

- Recommended dilution rate is between 88 and 110 gallons per acre (2 to 2.5 gallons per 1,000 ft.²), depending on soil conditions.
- Applications using less than recommended dilution rate should be immediately watered-in.
- Plant growth regulators (PGRs) and surfactants can be added to GenNext formulas A&B with no compatibility issues.
- Follow post-application irrigation instructions for all PGRs and surfactants applied with GenNext A&B.
- Fungicides and insecticides can be safely mixed following chemical label instructions.
- Tank-mix combinations with PGRs, surfactants, and other chemicals must be done within respective label guidelines.
- Jar testing is strongly recommended for multiple-chemical tank mix combinations.
- **Mixing Tip** — Blend contents to be sprayed through tank strainer basket to ensure proper dilution of materials.
- **Application Tip** — For best results, use either Flat Fan or Hollow Cone spray tips and remove inline screens to prevent clogging.

DIRECTIONS FOR USE

Fill spray tank to half intended capacity. Begin agitation and mix equal parts of GenNext formulas A&B together. Add any desired products to complement A&B formulations. Fill spray tank to intended capacity. GenNext can be sprayed as desired in weekly, bi-weekly, or monthly applications. For best results with monthly applications, use the 10 fl. oz. rate and water-in immediately following application.

Recommended Maintenance Rate: 3–6 fl oz./1,000 ft.² GenNext A&B

Recommended Soil Recovery Rate: 10 fl oz./1,000 ft.² GenNext A&B

GUARANTEED ANALYSIS

GenNext A | 13-0-1

Total Nitrogen (N)	13.00%
0.6% Ammoniacal Nitrate	
0.4% Nitrate Nitrogen	
12.0% Urea Nitrogen	
Soluble Potash (K ₂ O).....	1.00%
Sulfur (S)	1.00%
Iron (Fe).....	0.30%
Zinc (Zn).....	0.30%

Derived from: Potassium Nitrate, Urea, Urea Triazone, Ammonium Thiosulfate, Ferrous Sulfate, and Zinc Sulfate

GenNext B | 13-0-2

Total Nitrogen (N)	13.00%
0.5% Ammoniacal Nitrate	
1.5% Nitrate Nitrogen	
11.0% Urea Nitrogen	
Soluble Potash (K ₂ O).....	2.00%

Derived from: Potassium Nitrate, Calcium Nitrate, Urea, and Urea Triazone