



### GEAPOWER DEFINED

The Renova iNEM formulation was developed using the GeaPower technology platform created by Valagro. GeaPower is used to discover and efficiently convert natural components into high-quality nutrient solutions. GeaPower is based on four fundamental concepts:



Deep knowledge of active ingredients and raw materials



Selection of the extraction methods of active ingredients



Cutting edge investigations and analytical skills



Proven ability to provide effective solutions to the customer's requirements



Valagro is a leader in the production and commercialization of unique nutritionals and specialty nutrients. Founded in 1980 and headquartered in Atessa, Italy, Valagro is committed to providing innovative and effective solutions for plant nutrition and care utilizing exclusive technology to discover and develop natural materials that have a minimal environmental impact.



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Helena Chemical Company is the exclusive supplier of Renova iNEM. Contact your local Helena representative for more information.



## FEEDS & STRENGTHENS TURF ROOT SYSTEMS



People... Products... Knowledge®.



People... Products... Knowledge®.





## ROOTING SUCCESS EVEN IN A NEMATODE ENVIRONMENT GET PERFECT TURF WITH RENOVA iNEM

Renova iNEM is the latest Valagro innovation for the management of turf and soils affected by nematodes. Its unique action works directly on the root system by increasing its energy and vigor while improving the aesthetic quality of the turf even in the presence of nematodes.

### NEMATODES: CHALLENGING PESTS THAT AFFECT TURF QUALITY

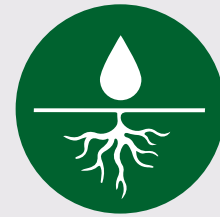
Nematode control in turf is a challenge in different ways. Nematodes negatively affect the quality and the perfect appearance of turf grass, which can damage the reputation of a golf club or the integrity of an athletic field. Nematode control can also affect sustainability of turf due to the impact of intensive treatments. To adequately control nematodes, golf and sports turf is subjected to prolonged treatments of pesticides, fertilizers and irrigation. Over the long term, these treatments will compromise the quality of both the grass and the soil if not properly managed.

With Renova iNEM, professional turf managers have a new solution for helping turf overcome the damage that nematodes can cause.

### Renova iNEM Product Highlights

- Precision blend of plant extracts improves plant root recovery & vigor in turf affected by nematodes
- Compatible with nematicide products
- Labeled for warm & cool season grasses
- No residues

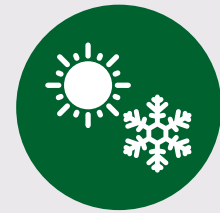
## RENOVA iNEM STRENGTHEN YOUR TURF



**PERFECTION OF TURF**  
Strong efficacy by increasing root vigor & no residues



**TIME SAVING**  
Can be used in combination with nematicide products



**MULTIPLE TARGET**  
Suitable for warm season & cool season grasses



**INNOVATIVE**  
Only nutrient system designed for turf affected by nematodes

## RENOVA iNEM GIVES TURF VIGOR, STRENGTH, RECOVERY & NUTRITION MULTIPLE TRIALS DEMONSTRATE THE EFFICACY OF THE COMPONENTS OF RENOVA iNEM

**Root Vigor Improvement:** First, the release of phenolic substances like lignin leads to a better lignification of the root system, resulting in a substantial decrease of colonization. Second, the synthesis of this compound leads to the production of a specific set of proteins called **The PR-Proteins**, which are involved in the plant strengthening mechanisms. Third, glycine betaines improve the release of compounds involved in the development of harmonic root architecture and reduce malformations.

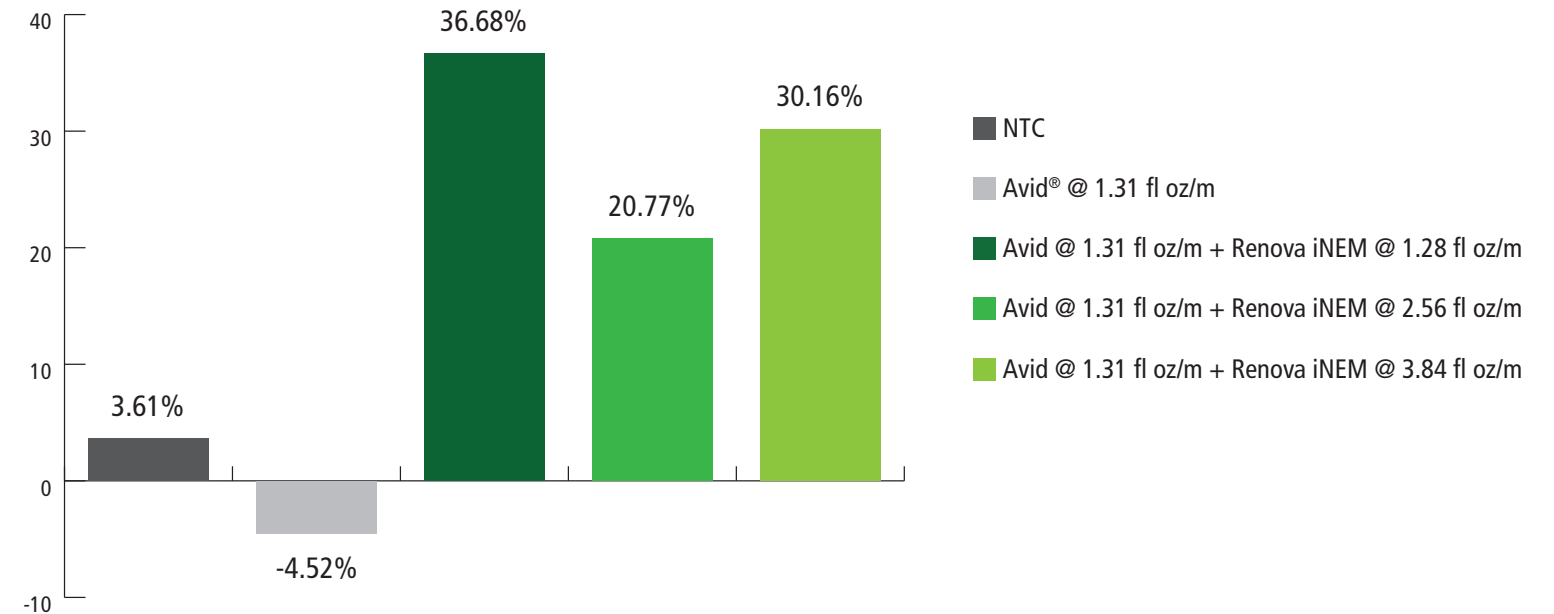
**Root System Recovery:** The precision nutrient extract blend helps the roots increase in length and aids in the formation of new active roots.

**Turf Nutrition:** Even in the presence of nematode attacks, proteins and amino acids enhance metabolic processes for high-level nutrition.

### IMPROVED ROOT LENGTH % DIFFERENCE IN ROOT GROWTH (APRIL 25 - JUNE 14)

APPLICATION INFORMATION:  
TREATMENTS APPLIED IN 2016 ON APRIL 5, APRIL 19, MAY 3 & MAY 17  
ALL TREATMENTS APPLIED WITH KINETIC® AT 0.27 FL OZ/M & A DELIVERY VOLUME OF 6 GAL/M  
STANDARD AGRONOMIC PRACTICES FOLLOWED FOR TURF PRODUCTION

CONDUCTED BY: DR. BILLY CROW  
LOCATION: CITRA, FL  
CROP/VARIETY: BERMUDAGRASS  
PLOTS MAINTAINED AT GREENS HEIGHT



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