



## BUILDING BETTER TURF FROM THE GROUND UP

Baccarat® is a next-generation soil amendment that provides both soil- and turf-quality benefits by giving turf a solid foundation for success with enhanced nutrient uptake and availability. Baccarat adds highly active and readily available humic substances to the soil, supporting water retention and drought tolerance benefits, enhanced nutrient uptake, and improved root mass and growth for your turf.

While relatively new to the U.S. market, our Specialized Solutions have been used successfully in Europe for nearly two decades to give crops and turf the winning edge. In fact, we are the market leader in European nutritional and soil amendment products and have been for the past 15 years. You can be confident that Sipcam Agro products have been tested and proven under real-world conditions by agronomists and lawncare professionals who demand results.



### SOIL CONDITIONER. NUTRIENT ENHANCER.

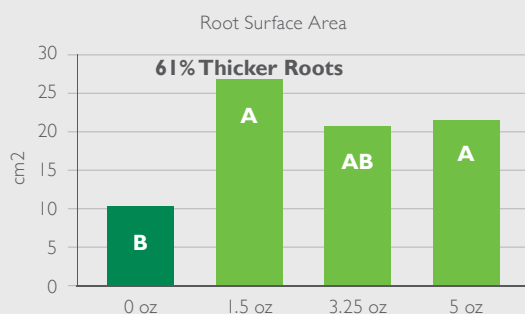
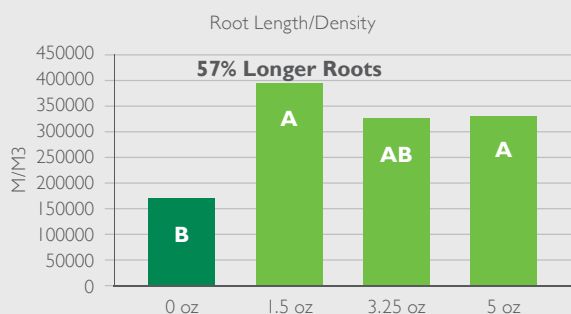
- » Readily available humic substances soil conditioner
- » Enhances germination and root growth with improved nutrient availability, giving turf a solid foundation
- » Optimizes plant efficiency, supporting improved nutrient and fertilizer uptake
- » Proprietary extraction process delivers higher rate of active ingredient per gallon
- » Highly concentrated and highly available (100%) active ingredient

# THE SCIENCE BEHIND BACCARAT

Baccarat begins with pure, non-adulterated leonardite, rich in humic, fulvic and ulmic acids and micronutrients. Our proprietary, non-chemical micronizing process (Sipcron Particle Technology) makes it superior to humic acids derived from traditional alkaline extraction methods. The result is a more sustainable and readily available formulated product with a higher active ingredient concentration per gallon, lower use rates and lower cost per acre.

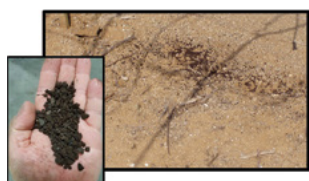
## CREEPING BENT GRASS PUTTING GREEN RESPONSE TO BACCARAT Max Schlossberg PhD - Center for Turfgrass Science - 2020

Penn G2 - creeping bentgrass, sand capped, push up putting green



Comprehensive and systemic evaluation of semi-monthly applications of Baccarat over a 14-week period to determine its effect on root length and density for turf grass production. Varying rates from 1.5 oz, 3.25 oz & 5 oz per 1,000 ft<sup>2</sup> were applied with 1.5 gals of carrier (water) to allow adequate coverage of root structure.

### DRY GRANULAR LEONARDITE PRODUCTS



#### Dry Granular Humic Acids

1/4" minus-sized granules  
Very dusty to apply

3 year dissolution

Can't incorporate w/o  
destroying root structure

### SUSPENSION CONCENTRATE



#### Baccarat

Sub-micron-sized particles  
5-micron avg. – no plugging  
1,000x+ more surface area

Faster solubility

Moves into soil structure w/  
irrigation – no root disturbance

## FEATURES & BENEFITS

- » Suspension concentrate of micronized leonardite
- » Unique, non-chemical extraction process for superior bioavailability
- » Enhances germination and root growth with increased nutrient availability and reduced nutrient tie-up
- » Increases water retention and cation exchange capacities in the zones where Baccarat is applied
- » Enhances uptake of N, P, K and micronutrients
- » Easy to use: low rates, immediate solubility and low acid pH for tank-mix compatibility



To learn more about Baccarat or our entire Specialized Solutions portfolio, talk to your Sipcam Agro distributor or visit [sipcam.com](https://sipcam.com).

Sipcam Agro USA, Inc.

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