



What if
your crops
could
communicate?

They would ask for

YaraVita® PROCOTE®

- Innovative range of oil suspension micronutrient coatings for dry fertilizer
- Provides even distribution of the micronutrient while virtually eliminating fertilizer dust
- Most efficient form of micronutrients versus granular or powder coatings

YaraVita® PROCOTE® BCMZ • YaraVita® PROCOTE® BMZ

YaraVita® PROCOTE® B • YaraVita® PROCOTE® Cu

YaraVita® PROCOTE® Mn • YaraVita® PROCOTE® Zn

Contact us today
to learn about how to
**maximize yield and
increase profitability**
with NACHURS® Liquid Fertilizers



NACHURS®

visit us online: www.nachurs.com
or call: 800.622.4877 x 255

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YaraVita® PROCOTE®

Oil based suspension concentrate
for fertilizer coating



THE COLORS OF YIELD

NACHURS®

THE TECHNOLOGY



YaraVita® PROCOTE® is Yara's innovative range of liquid suspension fertilizer coatings. YaraVita PROCOTE ensures growers can reliably and accurately spread an even distribution of essential micronutrients on their growing crops; enhancing micronutrient efficiency, crop yield and quality.

Fertilizer blenders will find YaraVita PROCOTE easy to use due to its benefits of significantly reduced dust and losses. The micronutrients zinc, boron, copper, manganese and their combinations are available.

FEATURES:

- ▶ Liquid-based suspension - specific for this application
- ▶ High concentration of the element
- ▶ Color coating- visual
- ▶ Free flowing to prevent bridging in the planter

BENEFITS:

- ▶ Uniform coverage- even distribution
- ▶ Dust suppression
- ▶ Ease of handling- color identification
- ▶ Low application rates
- ▶ Agronomic efficiency- field crop response
- ▶ Better yield

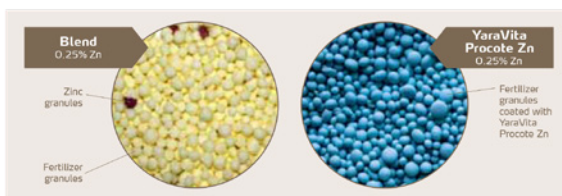
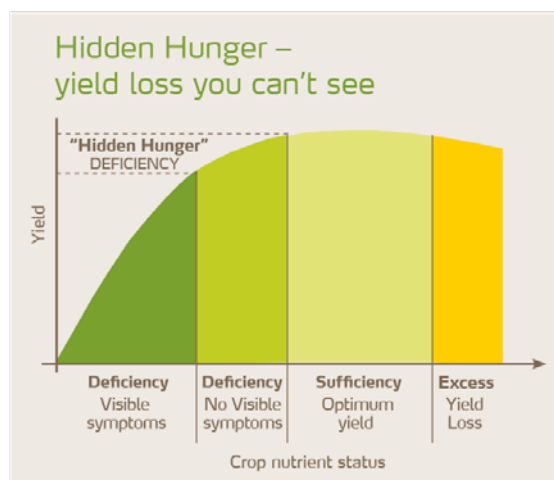


For easy application, YaraVita PROCOTE is simply sprayed in the blender via a pumping system which requires no bags and is virtually dust-free. In fact, YaraVita PROCOTE reduces dust and associated losses by up to 32% compared to powder coatings; improving working conditions and ROI.

THE SCIENCE

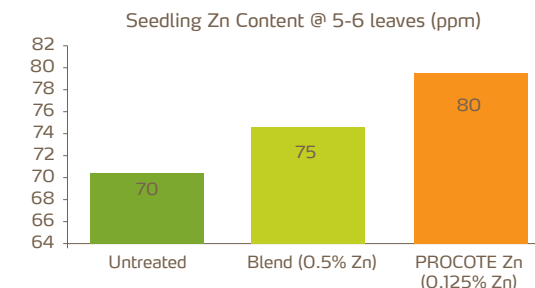
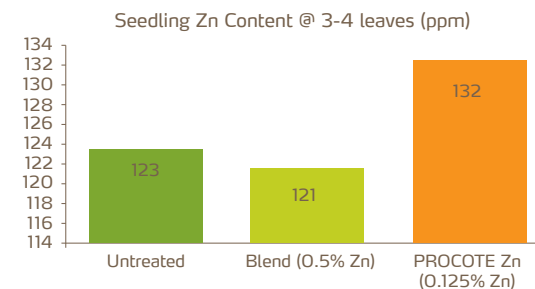
Micronutrients are essential for plant growth and health. Though these are required only in small quantities, they can make a big difference. Most farmers apply micronutrients only when symptoms appear. However, yield are negatively affected long before symptoms appear.

- **Zinc** is the most important micronutrient, commonly limiting yield. Zinc influences chlorophyll formation and also activates many enzymes. Symptoms of zinc deficiency include chlorosis and stunted growth.
- **Boron** affects cell membrane stability. It is involved in carbohydrate production and transport in plants and assists in metabolic regulation of other nutrients. Boron deficiency often results in inhibited growth.
- **Manganese** activates important enzymes involved in chlorophyll formation and photosynthesis. Manganese-deficient plants will develop chlorosis between the veins of their leaves. The availability of manganese is partially dependent on soil pH.
- **Copper** is a component of enzymes. Symptoms of copper deficiency include browning of leaf tips and chlorosis. Since small quantities make a big difference, micronutrient deficiencies vary greatly, even within a single field.



A blend contains only a few micronutrient granules (left). At identical concentration, micronutrient coating covers each individual granule with a thin layer of micronutrients (right).

THE RESEARCH



Field trial conducted by Yara at the Hannigh of Research, Germany on corn

THE PRODUCTS

● YaraVita® PROCOTE® BCMZ

Liquid-based suspension concentrate with B, Cu, Mn and Zn for fertilizer coating

● YaraVita® PROCOTE® BMZ

Liquid-based suspension concentrate with Cu, Mn and Zn for fertilizer coating

● YaraVita® PROCOTE® B

Liquid-based suspension concentrate with boron for fertilizer coating

● YaraVita® PROCOTE® Cu

Liquid-based suspension concentrate with copper for fertilizer coating

● YaraVita® PROCOTE® Mn

Liquid-based suspension concentrate with manganese for fertilizer coating

● YaraVita® PROCOTE® Zn

Liquid-based suspension concentrate with zinc for fertilizer coating

Contact a NACHURS representative for specific recommendations. It is always recommended that a jar test be done when adding to other fertilizer or chemicals.