

HOW IT WORKS

PROTIVATE™

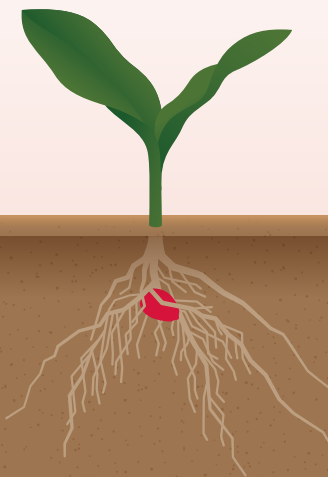
A dual-purpose nutritional seed enhancer, PROTIVATE™ offers both nutrition and flowability, giving young crops the right nutrients needed at the right time for optimal growth. Cold and wet soils can restrict access to plant nutrition. With PROTIVATE, critical nutrients are available near the root zone and delivered to young crops at a time of year when nutrient uptake can be difficult to achieve. Also serving as a talc replacement, PROTIVATE supports seed flowability without any additional handling practices required. By encouraging better seed singulation, it helps avoid costly skips and doubles during planting.

THREE FORMULATIONS FOR MORE FLEXIBILITY

PROTIVATE offers three formulations and flexible application methods to fit the equipment available for growers and retailers. Each contains nutrients which support metabolic reactions needed for a plant to maintain yield potential through early growth stages. While **NU4-DRI** and **NU5-DRI** can be applied in the planter or at the retailer, **NU5-LUX** is used in downstream/retailer applications and contains a shine component.

NU4-DRI

Ideally formulated for use on:
Corn, wheat, soybean, cotton,
rice and all other major
row crops



◀ **NITROGEN:** Component of the building blocks of proteins and needed for the chlorophyll molecules, enabling the plant to capture sunlight by photosynthesis.

◀ **PHOSPHATE:** Supports shoot and root growth during crop establishment. ▶

◀ **MANGANESE:** Has a direct connection to photosynthesis. ▶

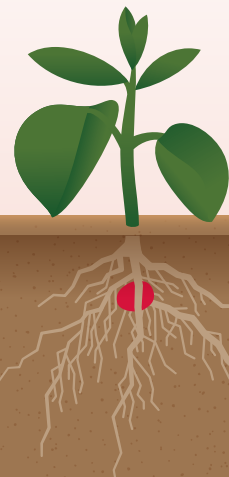
◀ **ZINC:** Drives many metabolic reactions within a plant. ▶

IRON: Is necessary for metabolic processes. ▶

MOLYBDENUM: Adequate amounts vital for proper nodulation and nitrogen fixation. ▶

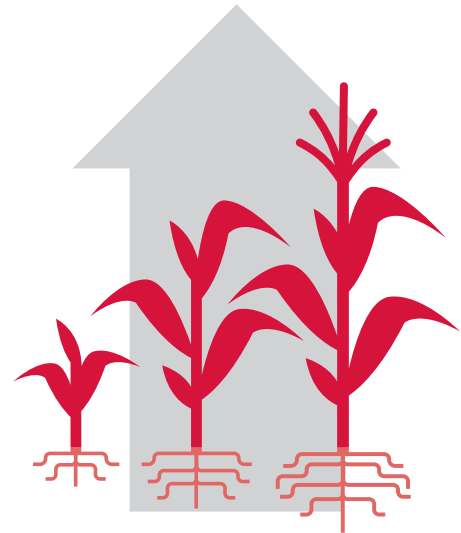
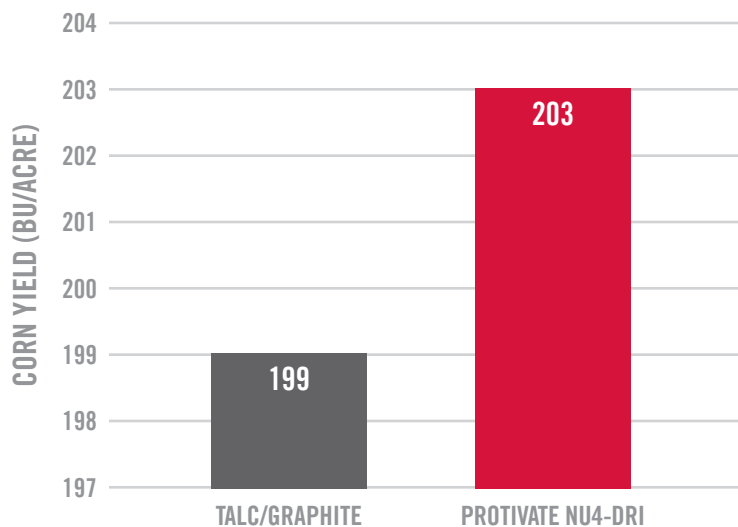
NU5-DRI | NU5-LUX

Ideally formulated for use on:
Soybean, legume and other
pulse crops



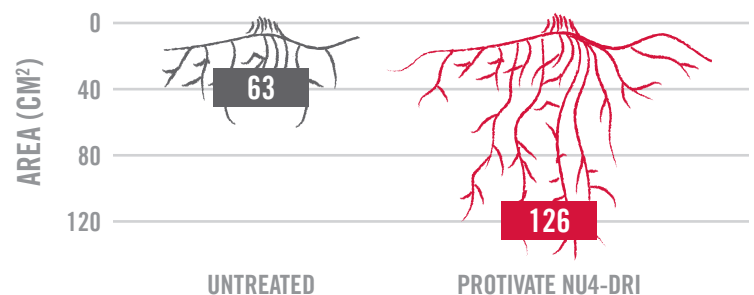
POTENTIAL IN THE FIELD

Applying the right nutrients in the right place during vulnerable growth stages can help plants better withstand early season cold and water stress. A recent study across four locations shows the full nutritional package offered in PROTIVATE NU4-DRI gives growers a 4 bu/acre yield advantage over the grower standard practice (GSP) of talc and graphite.¹



DEVELOP A DEEPER ROOT SYSTEM

PROTIVATE is applied directly to the seed, making it easy to add nutrition at the right time in closer proximity to growing roots. A closer root zone application can create a deeper, more developed root system so crops are better set to withstand yield-limiting weather conditions. In a root growth mass study, PROTIVATE NU4-DRI resulted in root growth two times larger than the untreated control.²



Plant smarter with a dual-purpose seed enhancer.

Visit ProtivateSeedNutrition.com to get started.