



CrystalGreen®
5-28-0 with 10%Mg

Root-Activated™ Fertilizer

CROP NUTRITION SUSTAINABLY CREATED FROM RECOVERED NUTRIENTS

Ostara Nutrient Recovery Technologies Inc. helps protect precious water resources by changing the way cities manage nutrients in wastewater streams. The company's Pearl® and WASSTRIP® technologies sustainably transform phosphorus and nitrogen recovered from municipal and industrial water treatment facilities into a high-value, eco-friendly fertilizer, sold and marketed by Ostara as Crystal Green®.



PLANT FRIENDLY, PLANET FRIENDLY

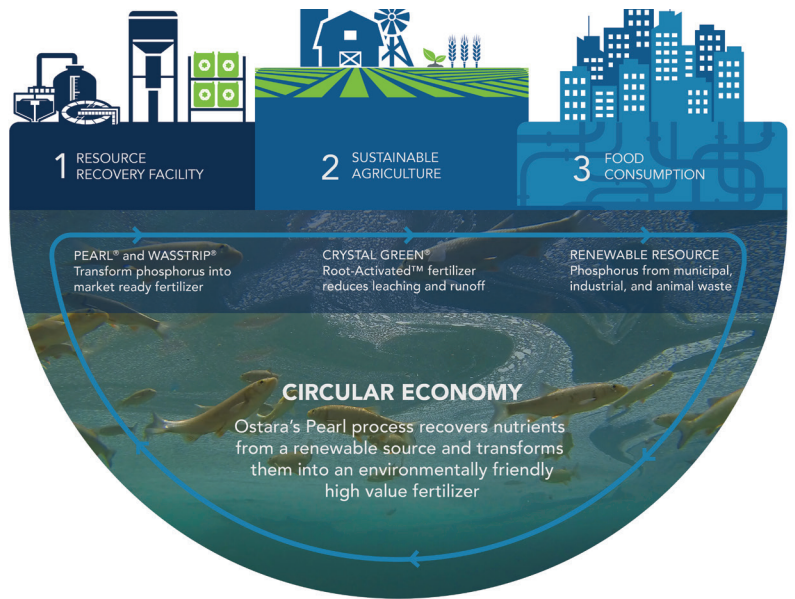
By recovering nutrients from where they shouldn't be - in our waterways - and upcycling them into phosphorus fertilizer for highest beneficial use, Ostara offers an innovative and sustainable approach to managing the complex interdependencies between the environment, the global food supply and our collective stewardship of the planet's water resources.

Crystal Green® offers a proven environmental solution for growers who care as much about what they put into their soil as what they get out of it. Crystal Green® is not simply a continuous release fertilizer - it's the most environmentally responsible source of phosphorus available today. Replicated university trials show that Crystal Green® reduces nutrient leaching as much as 75% when compared to MAP and DAP – that's not just good economics, that's good agronomics.

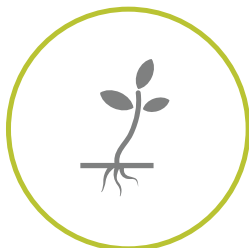


CRYSTAL GREEN VS. CONVENTIONAL FERTILIZERS

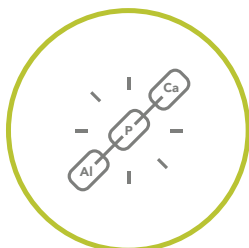
Phosphorus is essential to all life but is also non-renewable, geopolitically sensitive and polluting (when mismanaged). The key ingredient in fertilizer, along with nitrogen (N) and potassium (K), the world's supply of this critical resource is under increasing pressure as the global food supply is expected to feed two billion additional people by 2050. Finding alternative ways to recover phosphorus from sustainable sources is imperative – Ostar's nutrient recovery does just that.



ONE SEASON-LONG APPLICATION



ROOT-ACTIVATED™



MINIMIZES PHOSPHORUS TIE-UP

HOW CRYSTAL GREEN WORKS

Root-Activated™ Nutrient Technology

- ▶ Crystal Green employs a citrate soluble mode of action which means it releases nutrients in response to plant's organic acid production. This allows Crystal Green to gradually release nutrients into the soil solution when the roots need it most.

Season-Long Plant Availability

- ▶ Continuous release provides plant-available nutrients all season long while minimizing nutrient tie-up, leaching, and runoff.

Consistent, Dependable Release

- ▶ Crystal Green's nutrient release is dependent on plant demand; not on coatings, soil temperatures, microbes, or pH.

FEATURES + BENEFITS

High Performance

- ▶ Premium yields for increased return on investment
- ▶ Stronger, denser roots; improved color and vibrancy

Environmental Benefits

- ▶ Significantly reduced risk of leaching and runoff
- ▶ Derived from a sustainable and renewable source
- ▶ Helps protect sensitive local waterways