

Sierrablen[®]
Plus

New Specialist Analyses
With Pearl[®] Technology



Improved rooting
with recycled phosphorus

ICL

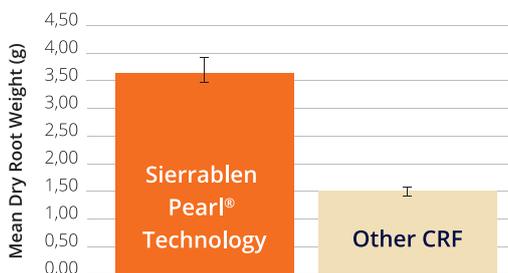
Sierrablen Plus

New Specialist Analyses With Pearl® Technology

Pearl® Technology blends a unique, recycled, slow-release phosphorus into our premium controlled-release fertilizers. Providing significantly increased rooting and more efficient nutrient use over traditional phosphorus sources.

- **Controlled-release Poly-S nitrogen with 3+ month longevity for strong turf response.**
- **Root-activated™, slow-release phosphorus for increased rooting.**
- **Contains Polyhalite with K, CaO and MgO.**
- **Includes recycled nutrients N, P and MgO.**
- **Earlier harvest time when used for turf production.**

Independent trial data has shown significantly increased rooting when Sierrablen Plus with Pearl® Technology is used as a fertilizer during turf-laying. There was a 2.5 x increase in rooting when compared to another existing high-performing product.



Sierrablen Plus with Pearl® Technology



Other high performing fertilizer



Areas of use:

- Turf production ✓✓
- Turf laying ✓✓
- Stadium pitches ✓✓
- Sports fields ✓✓
- Tees ✓✓
- Fairways ✓

Available product range:

Product	Composition
Renovator	11-11-5 +4CaO +8MgO 11-4.8-4.1 + 2.8Ca + 4.8Mg*
Turf Starter (Pure Crystal Green)	5-28-0 +16MgO 5-12.3-0 +9.6Mg*

*Elemental

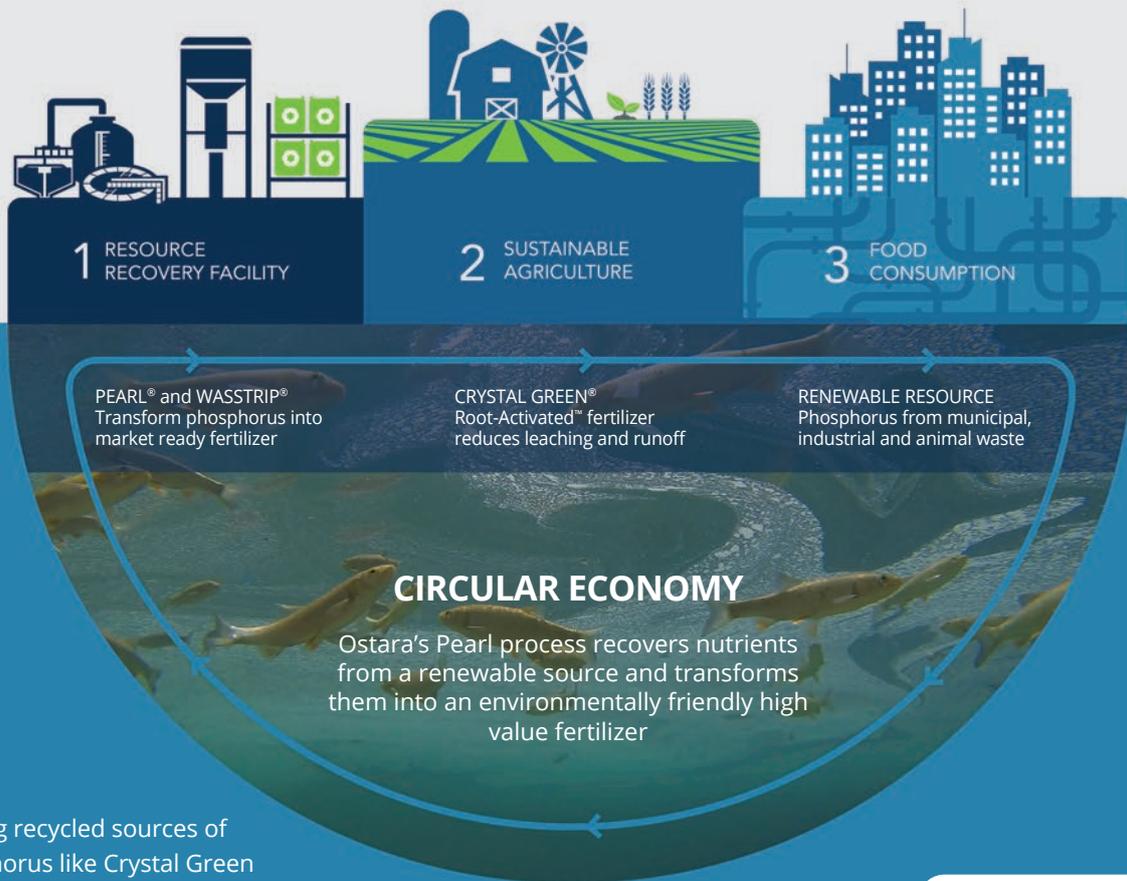
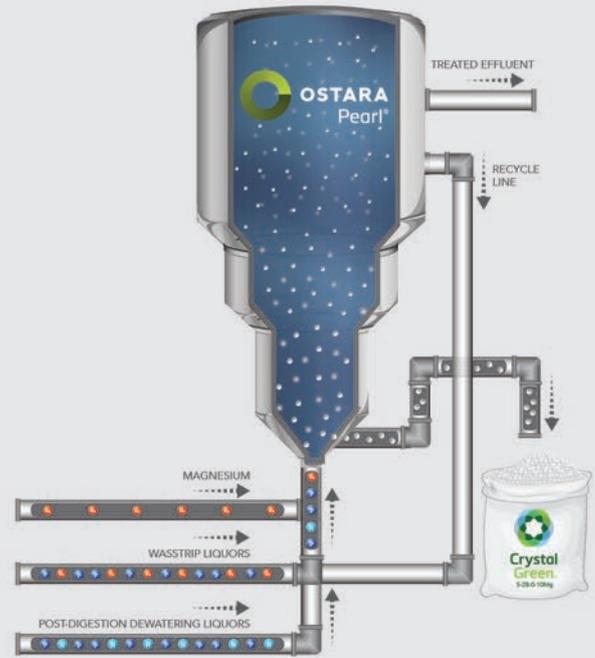


The Pearl® process

Sierrablen Plus with Pearl® Technology incorporates Ostara's Crystal Green. Crystal Green is sustainably produced and is the first continuous-release fertilizer to provide Root-Activated™ phosphorus. Crystal Green is recovered from wastewater utilising a unique process which allows recovery of a pure struvite granule 5-28-0+16MgO. Crystal Green's unique mode-of-action releases phosphorus, nitrogen and magnesium, only in response to organic acids produced by growing roots. As the roots produce organic acids the granules release phosphorus, fertilizing the plant on demand, all-season long. As plant demand increases, phosphorus demand increases. This reduces the environmental impact caused by excessive leaching and run-off of nutrients into adjacent waterways.

Read more about Ostara Nutrient Recovery technologies at www.ostara.com

Pearl is a trademark of Ostara.



Utilising recycled sources of phosphorus like Crystal Green helps close the phosphorus cycle, reduce phosphorus losses to the aquatic environment and preserve the primary and finite resources of rock phosphate to produce conventional fertilizers.



To order **Sierrablen Plus** or for more information on the ICL range, please contact the team:

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