

**Sierrablen[®]
Plus**

ICL



Improved rooting
with recycled
phosphorus



Specialist analyses with Pearl[®] technology.

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

Key points

- **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**

Areas of use

- ✔ Turf production
- ✔ Sports fields
- ✔ Turf laying
- ✔ Tees
- ✔ Stadium pitches

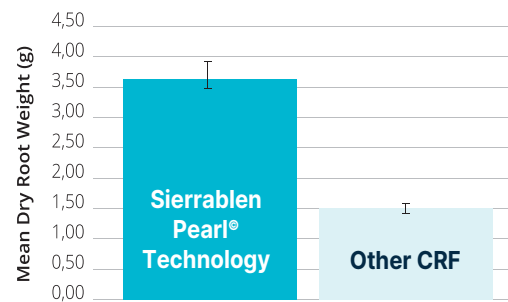
Product range

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

Independent trials

Independent trial data has shown significantly increased rooting when Sierrablen Plus with Pearl[®] Technology is used as a fertiliser 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



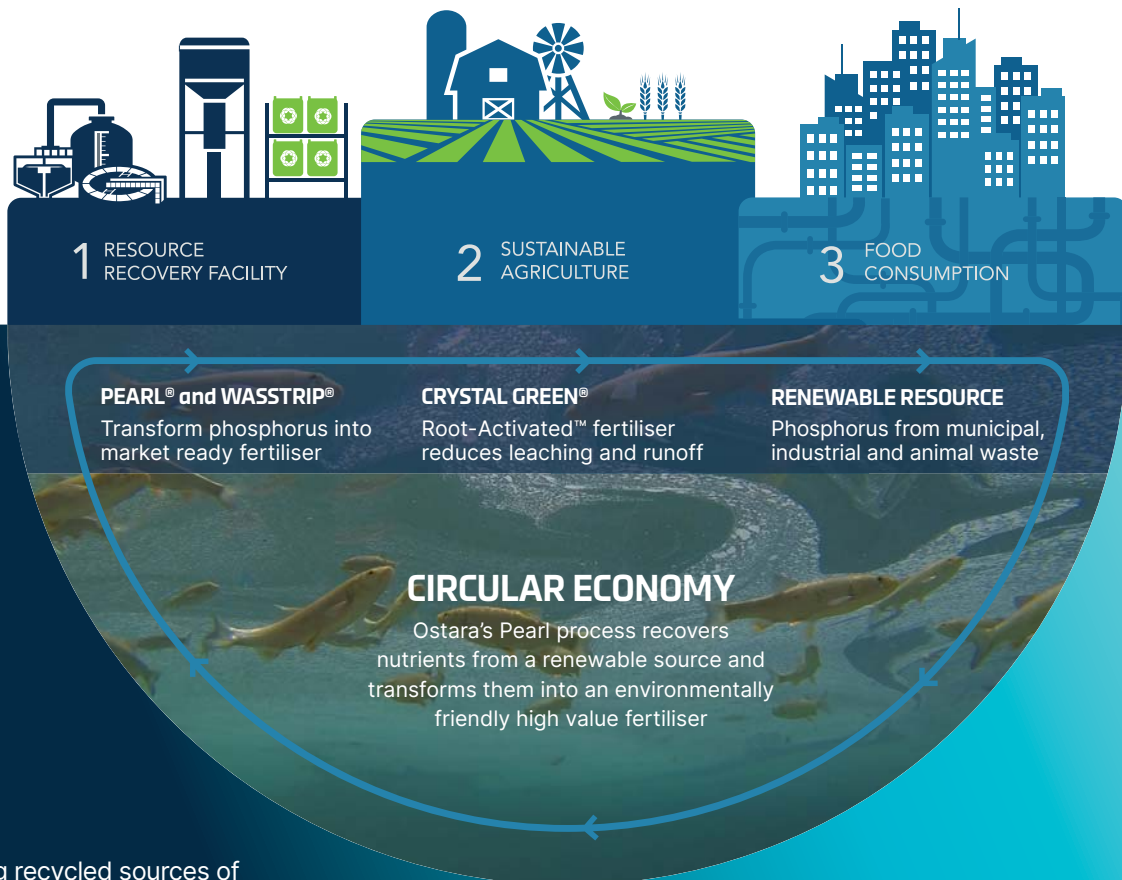
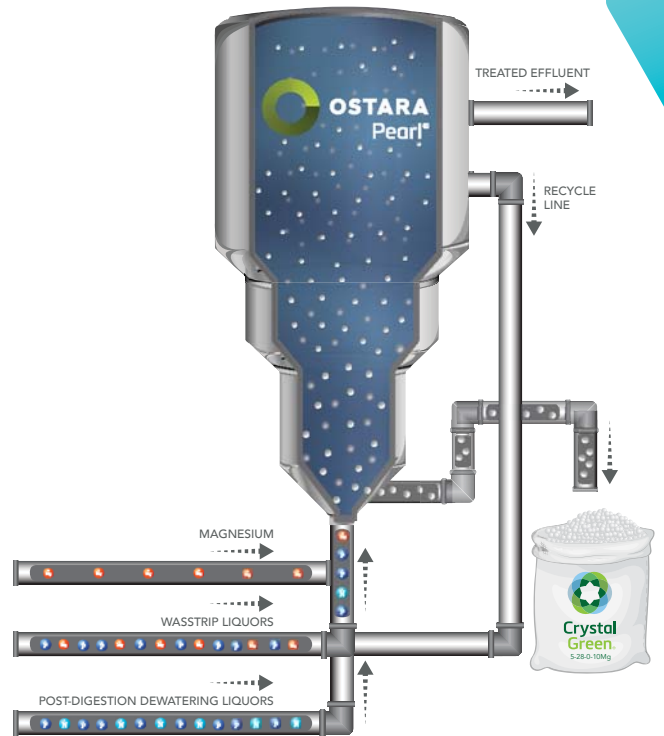
Other high performing fertiliser

The Pearl® process

Sierrablen Plus with Pearl® Technology incorporates Ostara's Crystal Green. Crystal Green is sustainably produced and is the first continuous-release fertiliser 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, fertilising 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.



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 fertilisers.





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