



BROADACRE & PASTURE RANGE

PEARL SURGE MGM

BROADACRE



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Pearl Surge MGM is a biologically enhanced nitrogen fertiliser granule blend. It is formulated using a combination of quick-release and slower-release nitrogen sources, sulphur, and humalite carbon. The carbon component enhances nutrient efficiency by improving nutrient retention, uptake, and supporting microbial activity in the soil. Pearl Surge is the perfect choice for both top-dress and pre-drill/sowing applications, delivering essential nutrients when your crops need them most.

Each granule of Pearl Surge MGM is also enhanced with a humic coating that acts as a powerful nutrient activator. This additional layer improves fertiliser use efficiency, promotes stronger root development, stimulates microbial activity in the rhizosphere, and supports more resilient, high-performing crops.

Being a granule blend, Pearl Surge MGM provides an optimal nitrogen release pattern, preventing nutrient overload and enhancing crop uptake efficiency by aligning nutrient availability with plant demand over time. It is a hard, low-dust, free-flowing granule suitable for top-dressing by spreader or banding through an air seeder at sowing.

Formulated with a combination of urea, sulphate of ammonia, and humalite carbon, Pearl Surge MGM offers a complete and efficient source of nitrogen and sulphur. This blend ensures both immediate and sustained nutrient release to match plant growth demands.

Nitrogen plays a key role in promoting vigorous plant growth, chlorophyll production, and overall biomass development. The inclusion of both quick and controlled-release forms supports early crop establishment and sustained growth throughout the season.

Sulphur is essential for protein formation and enzyme activation. The plant-available sulphur in Pearl Surge improves nitrogen uptake and utilisation, ensuring optimal protein synthesis and higher grain or yield quality.

The carbon not only protects urea nitrogen from volatilisation and loss within the soil, but also moderates the nitrogen release, enabling a more stable and efficient nutrient supply to the crop.

The integration of humalite carbon and a humic coating gives Pearl Surge a significant advantage in reducing nutrient losses and improving soil performance. These organic carbon compounds stimulate beneficial microbial activity, enhance soil structure, and support long-term soil health and fertility.

Key Benefits of Pearl Surge MGM

- Dual-action nitrogen: quick and slow-release for consistent crop feeding
- Humic coating improves nutrient efficiency and plant resilience
- Enhanced nitrogen and sulphur uptake and utilisation



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- Promotes root growth and supports microbial life in the rhizosphere
- Low-dust, free-flowing granules suitable for top-dress and sowing applications
- Reduces volatilisation and leaching, improving nutrient use efficiency
- Supports yield performance while contributing to long-term soil sustainability

APPLICATION RATES

Broadacre 40-120Kg/Ha banded at sowing

Broadacre 50-200Kg/Ha top-dress

**Store in a cool place away from sunlight.
Stir well before use.**

TYPICAL ANALYSIS

Major Elements	(w/v%)
Nitrogen	32.41%
Sulphur	9.54%
Carbon	1.38.%
Potassium	0.19%
Calcium	0.17%
Phosphorus	0.05%
Magnesium	0.04%
Iron	0.01%

