

TECHNICAL DATA SHEET

CE-FORCE GROW NPK SERIES

Document code	CEON-050-TDS-R05
Product category	Blended solid NPK fertiliser series
Physical form	Granular or blended solid fertiliser, grade dependent
Packaging	Commercial bags according to market specification
Catalogue reference	CEON Product Catalogue, page 64

1. Product overview

A flexible CEON blended NPK range designed to provide crop-stage and soil-specific macronutrient nutrition. The series is intended for basal, side-dress and programmed field application in a broad range of crops.

2. Guaranteed analysis

Declared component	Guaranteed content
Product range	Multiple NPK grades with optional secondary and micro nutrients
Specification control	Each commercial grade is released against its own label

3. Agronomic positioning

- Multiple NPK ratios for crop and soil requirements
- Supports basal and top-dress fertilisation programmes
- Can incorporate secondary and trace nutrients by grade
- Suitable for broad-acre, horticultural and perennial crops
- Consistent blending and batch quality controls

4. Recommended application framework

Application route / crop group	Recommended framework
Basal application	According to soil test, crop target and selected grade
Side dressing	Split applications based on crop uptake curve
Field crops	Develop a total seasonal nutrient budget before application
Horticulture	Adjust grade and dose to planting density, irrigation and expected yield

Application rates are programme guidance derived from the catalogue and agronomic practice. The approved destination-market label, crop sensitivity, soil/leaf analysis, irrigation volume and local regulation take precedence.

5. Mixing and application procedure

- Fill the tank with 30-50% clean water and start agitation.
- Pre-dissolve the measured product in a separate clean container where practical.
- Add the solution slowly to the main tank while maintaining agitation.
- Add compatible plant-protection products only after a jar test and according to their label order.
- Complete filling with water, maintain agitation and use the mixture promptly.
- Flush fertigation lines and spray equipment with clean water after use.

6. Compatibility and precautions

This is a series dossier. Final legal label, guaranteed analysis and application rate must be issued for the exact selected grade; do not use this series overview as the sole commercial label.

- Do not mix concentrated fertiliser solutions together unless compatibility is confirmed.
- A small-scale jar test is required before new combinations.
- Avoid application during extreme heat, frost, drought stress or intense sunlight.
- Use clean, low-sediment water and appropriate filtration in drip systems.

7. Storage and shelf-life controls

- Store sealed in the original package in a cool, dry, ventilated place.
- Protect from direct sunlight, moisture, frost and excessive heat.
- Keep away from food, feed, children and unauthorised persons.
- Reseal opened packages immediately to avoid caking or contamination.
- Shelf life is governed by the approved commercial label and batch release documentation.

8. Quality control and release

Each batch should be released against an approved specification using validated analytical methods appropriate to the declared nutrient. Identity, appearance, solubility/moisture where relevant, nutrient content, packaging integrity, lot coding and traceability should be verified before dispatch.

9. Regulatory statement

This TDS is a technical and commercial support document. It is not a substitute for the legally approved product label, registration dossier, destination-country fertiliser regulation, batch COA or final SDS classification. Claims must be adapted to the authorised market.