

# 5-2-2-GR

GRANULAR AMENDMENT WITH SEAWEED AND SEAWEED EXTRACT

FINE  
GRADE

## FOR GOLF GREENS AND SPORTS TURF

5-2-2-GR is a slow release granular biostimulant amendment specifically designed for the maintenance of golf green and sports turf exposed to mechanical and environmental stress. 5-2-2-GR contains ORGANICOCEAN ASCO-PURE ground seaweed and ASCO-SSP soluble seaweed powder, a biostimulant that improve plant health, stress tolerance, growth and photosynthetic capacity.

The biostimulating properties and benefits of *Ascophyllum nodosum* extract have been clearly demonstrated by several scientific studies. ASCO-SSP contains several active compounds in natural balanced proportion:

- Growth regulators (cytokinins and betaines)
- Short-chain carbohydrates elicitors ( $\beta$ -glucans, oligo-alginates)
- Chelating agents (mannitol and oligo-alginates)

5-2-2-GR also contains over 60 chelated minerals and elements, more than 12 vitamins, a complete amino acids profile and natural antioxidants. The macronutrients content is well-balanced for turf care: 5% N - 2% P<sub>2</sub>O<sub>5</sub> - 2% K<sub>2</sub>O.

5-2-2-GR contains over 65% of organic matter. This slow-release amendment helps restore soil fertility and provides a rich carbon source for soil micro-organisms.

## BENEFITS

- Increases root growth
- Increases resistance to drought
- Increases and stabilizes chlorophyll level in plants
- Increases antioxidants production
- Improves soil fertility, nutrient retention and water holding capacity
- Stimulates micro-organism activity
- Increases mineral and water uptake from the soil
- Corrects minor nutrient deficiencies

## APPLICATION RATE

Suggested application rate is 5 kg / 100m<sup>2</sup>.

## INGREDIENTS

Seaweed (*Ascophyllum nodosum*), shrimp meal, canola meal, natural potassium sulfate, soluble seaweed extract (*Ascophyllum nodosum*).

## GUARANTEED MINIMUM ANALYSIS

Total nitrogen (N)	5 %
Water insoluble nitrogen	5 %
Available phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	2 %
Soluble potash (K <sub>2</sub> O)	2 %
Organic matter	65 %

## TYPICAL ANALYSIS

Boron (B)	25 ppm
Calcium (Ca)	2,5 %
Copper (Cu)	12 ppm
Iron (Fe)	0,05 %
Magnesium (Mg)	0,7 %
Manganese (Mn)	35 ppm
Sodium (Na)	0,8 %
Zinc (Zn)	60 ppm

## PARTICLE SIZE

Fine grade, SGN 120 (0,6 - 1,4 mm)  
(SGN = Size Guide Number, d<sub>50</sub> x 100)

## PACKAGING

- 500 kg (big bag)
- 20 kg (polypropylene bag with polyethylene liner)

## NOTES

5-2-2-GR should be used as a part of a complete fertilization program that relates to the fertility of the soil. Store in a dry location. Keep out of reach of children.

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