



LAWNPORN CHARGER

Product Information Sheet



What is Lawnporn Charger?

Charger is specifically formulated to promote rapid lateral turfgrass growth as well as enhance colour. The unique blend of macro and minor nutrients and hormone growth promoters maximises the development potential of the turfgrass resulting in more rapid establishment, grow in, or recovery from damage or renovation. Charger also maintains growth and colour of warm season grasses during cooler months.



Features of Charger

- ✓ Rapid recovery from incidences of plant stress, grow in or renovations.
- ✓ Improved colour of turfgrass in cooler periods of the year.
- ✓ Dual nitrogen source for fast and efficient uptake by the plant.
- ✓ High analysis iron and manganese in plant available form for rapid uptake.
- ✓ Rapid green up response for improved turf colour and appearance.
- ✓ Manufactured in Australia.

Guaranteed Minimum Analysis

Nitrogen (N) as Urea: 4.6%

Nitrogen (N) as Nitrate: 2.6%

Total Nitrogen (N): 7.2%

Total Potassium (as Nitrate): 7.2%

Total Iron (Fe) as Sulphate: 3.8%

Total Manganese (Mn) as Sulphate: 2.2%

Total Zinc (Zn) as Nitrate: 0.22%

Total Sulphur (S): 3.6%

> About

Turf growth promoter:

• Nitrogen and potassium often interact and adequate levels of each are important for optimum plant health, especially when conditions that favour low K are present – such as leaching, low CEC sands, acid soils and soils where high sodium is present. Some of these factors on their own, when combined, or when other external stresses are imparted on the plant such as disease or renovations, can weaken it by depleting carbohydrates, reducing the root system or making tissues more succulent.

Turfgrasses require potassium in relatively large amounts, second only to nitrogen. Potassium is referred to as the turf 'toughener' and its main purpose is to improve stress tolerance within the plant. It is an ideal element to be used in conjunction with nitrogen, as while N produces cell growth, potassium strengthens the walls of the cell, hardening it to stresses such as disease and pest infestation.

As K reduces in the plant, the most common concern is adverse water relationships and drought stress as stomatal control becomes less efficient and transpiration increases as the stomata stay open. This results in higher water use, rapid onset of drought stress and wilt, greater high temperature stress and loss of cell turgor pressure. Stress on the plant imparted by traffic and wear is then increased. Recovery is slowed by reduced protein synthesis, low enzyme activity and reduced photosynthesis. Charger with its 1:1 ratio of N : K, along with other proprietary ingredients, has been formulated to assist turfgrass in periods of stress, and help regain and maintain health and vigour when needed the most.

> First Aid & Safety Directions

In case of contact with eyes or skin, flush at once with large amounts of water. If irritation persists, seek medical attention. If swallowed, drink large amount of water and induce vomiting. Seek medical attention.

FOR MORE INFORMATION SPEAK TO YOUR AMGROW TERRITORY MANAGER.