

NUTRIENTS



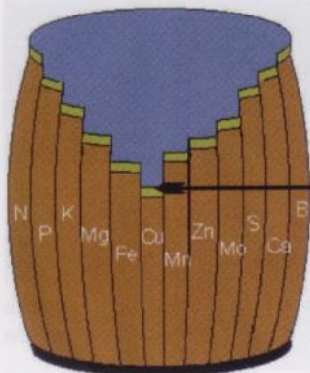
WHY FERTILISE TURF?

In general, actively growing turf has a greater nutrient requirement than is naturally available in the soil. Therefore, fertilisers are used to supply the essential nutrients required for healthy turf growth (see list below).

Essential nutrients for plant growth:

Nitrogen	N	Iron	Fe
Phosphorus	P	Manganese	Mn
Potassium	K	Copper	Cu
Calcium	Ca	Zinc	Zn
Magnesium	Mg	Boron	B
Sulphur	S	Molybdenum	Mo

All these nutrients are essential for turf growth and the only difference is the quantities in which they are required. If one is deficient the plant will not function properly.



it can take only a single nutrient to become deficient to limit turf growth

Established turf

The aim of fertilising established turf is to assist in sustaining acceptable turf colour and density with a growth rate that at least matches the amount of wear.

The fertiliser requirement is site specific and depends on the type of use and nutrient availability in the soil.

For example, sports turf has a greater fertiliser requirement than 'passive' turf, due to:

- the user having higher quality expectations;
- the need for rapid wear recovery;
- more frequent low mowing; and
- possible clipping removal.



Nutrient deficiency will cause a decline in turf density and colour