

SIMPLOT SIMPHOS

14-21-0 Ammonium Polyphosphate



MSDS QR CODE

1.40

PRODUCT S.G.

6.0

PRODUCT pH

150L
(80 Mesh)

NOZZLE COLOUR
FOR OPTIMUM
WATER RATE

SIMPLOT SIMPHOS is a concentrated liquid fertiliser containing high levels of phosphorus in a polyphosphate form and nitrogen. SIMPLOT SIMPHOS provides available phosphorus in turf required for root development and growth. SIMPLOT SIMPHOS' unique structure and form can overcome availability issues in phosphate retentive soils caused by excessive iron, calcium or pH issues to maximise fertiliser efficiency.

SIMPLOT SIMPHOS' unique polymer structure and form can overcome availability issues in phosphate retentive soils to maximise fertiliser efficiency. This includes soil that is high in Calcium and Iron. The polymer structure also has the ability to sequester trace elements in the soil profile. This releases other nutrients to give a greater return from the application.

THE FUNCTION OF NITROGEN

Nitrogen is the major building block in protein and chlorophyll. It is also essential for lipid and cytoplasm formation. Highly mobile in turf, nitrogen is translocated to new growth. Yellowing of leaves and stunted growth are the main deficiency symptoms.

THE FUNCTION OF PHOSPHORUS

Phosphorus acts as a structural component of nucleic acids, and phospholipids, which form plant membranes. It is also important in cell division, and energy transfer due to the formation of ATP and ADP. Lack of growth in turf and roots is symptomatic of phosphorus deficiency. Phosphorus can be affected by pH, Phosphate retentive soils and low phosphorus reserves.

ANALYSIS:

| ELEMENT | | Present As | W/V% |
|------------|-----|---------------|------|
| NITROGEN | (N) | Ammonium | 14.0 |
| PHOSPHORUS | (P) | Polyphosphate | 21.0 |

DIRECTIONS FOR USE:

| APPLICATION | Rate | Notes |
|---------------|----------------------------------|---|
| TEES & GREENS | 0.1 - 0.3 L / 100 m ² | Apply as required for phosphate fixing soils. |
| FAIRWAYS | 0.2 - 0.4 L / 100 m ² | |

APPLICATION NOTES:

| APPLICATION | Rate | Notes |
|---------------|---------------------------------|--|
| TEES & GREENS | 10 L water / 100 m ² | Apply early morning or late afternoon. |
| FAIRWAYS | 600 L water / Ha | |