



PRODUCT SPECIFICATION · FERTILIZERS

Triple Super Phosphate (TSP)

19–23%
phosphorus (P)

The highest concentration of straight phosphate fertilizer available: a spherical, light-to-dark grey granular mono-calcium phosphate.

Phosphorus (P) 19–23%	Water-soluble P Over 90%	Calcium (Ca) 15.5–17.1%	Sulphur (S) 1–2.3%
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Physical properties

PROPERTY	SPECIFICATION
Form	Generally spherical granular product
Color	Generally light to dark grey
Critical relative humidity at 30 °C	75–85

Chemical properties

PROPERTY	SPECIFICATION
Compound	Mono-calcium phosphate
Chemical formula	$\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$
Phosphorus (P)	19–23%
Water-soluble P	Over 90% of the P in TSP
Calcium (Ca)	15.5–17.1%
Sulphur (S)	1–2.3%
Salt index	10.1 (relative to sodium nitrate at 100)

Agronomic benefits

- Provides the highest concentration of straight phosphate fertilizer available.
- A phosphorus source for blends for leguminous crops where no additional nitrogen is wanted.
- Granules dissolve rapidly in soil when there is adequate soil moisture.
- Compatible for blending with LAN, potassium chloride, potassium sulphate and potassium nitrate.