Triple Super Phosphate

TSP 46% | Technical Data Sheet



Triple Super Phosphate (TSP) is a concentrated phosphate fertilizer containing 46% total P_2O_5 as monocalcium phosphate. Its high water-soluble phosphate gives crops readily available phosphorus, promoting strong root development, early growth, flowering and seed formation.

Chemical Properties:

Parameter	Specification
Active Ingredient	Monocalcium phosphate
Total P_2O_5	46 %
Water Soluble P_2O_5 (available)	37 % min
Citrate Soluble P_2O_5 (available)	43 %
Moisture	2 – 5 %
Free Acidity (as P_2O_5)	≤ 3 %
pH	Acidic

Values may vary slightly between lots. Store in a cool, dry place away from moisture.

Phone +55 47 99661-6930 / +55 41 8890 5797

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Granule quality: coated, hard granules with a tight size range (over 90% between 1 and 5 mm) support easy handling, even spreading and low dust during storage and application.

Physical Properties:

Parameter	Specification
Appearance	Granular
Coating	Coated
Hardness	3 kg/cm²
Crushing Strength	2 kg / granule
Sieve: above 5 mm	< 5.0 %
Sieve: between 1 – 5 mm	> 90.0 %
Sieve: under 1 mm	< 5.0 %

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