

Appendix 1: Fertilizer specification

Name of Fertilizer: Compact 44 (12/6/22/3+0.5%B2O3)			
No.	Item	Specification	Remarks
1	Type of processing	Compaction	Granulation is also accepted
2	Maximum moisture content (%)	2%	Not more than
3	Shape & size	Sub-rounded or sub-angular	Granular, ±2mm
4	Minimum permissible limit of: -		
	4.1 N (%)	11.04	Not less than
	4.2 P2O5 (%)	5.52	Not less than
	4.3 K2O (%)	20.24	Not less than
	4.4 MgO (%)	2.76	Not less than
	4.5 B2O3 (%)	0.4%	Trace
	4.6 Citric acid solubility (%)	-	-

Name of Fertilizer: Compact 47 (7/6/30+5%Micro)			
No.	Item	Specification	Remarks
1	Type of processing	Compaction	Granulation is also accepted
2	Maximum moisture content (%)	2%	Not more than
3	Shape & size	Sub-rounded or sub-angular	Granular, ±2mm
4	Minimum permissible limit of: -		
	4.1 N (%)	6.44	Not less than
	4.2 P2O5 (%)	5.52	Not less than
	4.3 K2O (%)	27.6	Not less than
	4.4 MgO (%)	-	-
	4.5 B2O3 (%)	0.4	Traceable
	4.6 CuSO4 (%)	0.4	Traceable
	4.7 ZnSO4 (%)	0.4	Traceable
	4.8 Citric acid solubility (%)	-	-

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Name of Fertilizer: CRF 2 (10/5/20/3 + 5% Micronutrient)			
No.	Item	Specification	Remarks
1	Type of processing	Either granulation or compaction	a) Controlled release fertilizer with biodegradable polymer, nutrient release within 6 months. b) Source of P ₂ O ₅ is 95% water soluble i.e. contains MAP or DAP. c) Source of MgO is 90% soluble in hot water, minimum. d) Micronutrients are Boron, Copper, Zinc and Manganese. e) Product shelf life of minimum 1 year. f) Or equivalent to above specification.
2	Maximum moisture content (%)	2%	Not more than
3	Shape, size and colour	Briquette or sub-rounded granular	Preferable in red colour
4	Minimum permissible limit of: -		
	4.1 N (%)	9.20	Not less than
	4.2 P ₂ O ₅ (%)	4.60	Not less than
	4.3 K ₂ O (%)	18.40	Not less than
	4.4 MgO (%)	2.76	Not less than
	4.5 B ₂ O ₃ (%)	0.5	With some tolerance
	4.6 Micronutrients	Trace	-

Name of Fertilizer: Reactive Rock Phosphate (28% P ₂ O ₅)			
No.	Item	Specification	Remarks
1	Type of processing	-	Natural mining
2	Maximum moisture content (%)	2%	
3	Shape & size	Ground rock	Fine grain, free flow
4	Minimum permissible limit of :-		
	4.1 N (%)	-	
	4.2 P ₂ O ₅ (%)	28%	Not less than
	4.3 K ₂ O (%)	-	
	4.4 MgO (%)	-	
	4.5 B ₂ O ₃ (%)	-	
	4.6 Citric acid solubility (%)	9%	Not less than

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Name of Fertilizer: AC-NK Mix 1 (12.5%N:30%K ₂ O)			
No.	Item	Specification	Remarks
1	Type of processing	Mixture	Raw mixtures
2	Maximum moisture content (%)	2%	
3	Shape & size	Mix of fine grains or granules	Free flow
4	Minimum permissible limit of :-		
	4.1 N (%)	11.00	Not less than
	4.2 P ₂ O ₅ (%)	-	
	4.3 K ₂ O (%)	26.4	Not less than
	4.4 MgO (%)	-	
	4.5 B ₂ O ₃ (%)	-	
	4.6 Citric acid solubility (%)	-	-

Name of Fertilizer: AC-NK Mix 3 (15%N:24%K ₂ O)			
No.	Item	Specification	Remarks
1	Type of processing	Mixture	Raw mixtures
2	Maximum moisture content (%)	2%	
3	Shape & size	Mix of fine grains or granules	Free flow
4	Minimum permissible limit of :-		
	4.1 N (%)	13.20	Not less than
	4.2 P ₂ O ₅ (%)	-	
	4.3 K ₂ O (%)	21.10	Not less than
	4.4 MgO (%)	-	
	4.5 B ₂ O ₃ (%)	-	
	4.6 Citric acid solubility (%)	-	-

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Name of Fertilizer: Ammonium Chloride (25% N)			
No.	Item	Specification	Remarks
1	Type of processing	-	Chemical process
2	Maximum moisture content (%)	2%	
3	Shape & size	Fine grain	Crystallize, white
4	Minimum permissible limit of :-		
	4.1 N (%)	25	Not less than
	4.2 P ₂ O ₅ (%)	-	
	4.3 K ₂ O (%)	-	
	4.4 MgO (%)	-	
	4.5 B ₂ O ₃ (%)	-	
	4.6 Citric acid solubility (%)	-	-

Name of Fertilizer: Muriate of Potash (60% K ₂ O)			
No.	Item	Specification	Remarks
1	Type of processing	-	Natural mining
2	Maximum moisture content (%)	2%	
3	Shape & size	Fine grain	Crystallize, reddish or white
4	Minimum permissible limit of :-		
	4.1 N (%)	-	Not less than
	4.2 P ₂ O ₅ (%)	-	
	4.3 K ₂ O (%)	60	Not less than
	4.4 MgO (%)	-	
	4.5 B ₂ O ₃ (%)	-	
	4.6 Citric acid solubility (%)	-	-

Appendix 1: Fertilizer specification

Name of Fertilizer: High Grade Fertilizer Borate (48% B ₂ O ₃)			
No.	Item	Specification	Remarks
1	Type of processing	-	Chemical process
2	Maximum moisture content (%)	2%	
3	Shape & size	Fine grain	Crystallize, grey
4	Minimum permissible limit of :-		
	4.1 N (%)	-	-
	4.2 P ₂ O ₅ (%)	-	
	4.3 K ₂ O (%)	-	
	4.4 MgO (%)	-	
	4.5 B ₂ O ₃ (%)	48	Not less than
	4.6 Citric acid solubility (%)	-	-