



AGROMATE HOLDINGS SDN. BHD. (198801007079)

Summary Product Nutrient Content and SIRIM Specification

NO.	NUTRIENT SOURCE	TYPE OF FERTILIZER	Origin	PRODUCT NUTRIENT CONTENT (%)							SIRIM SPECIFICATION			
				N	P ₂ O ₅	K ₂ O	MgO	B ₂ O ₃	ZnSO ₄	CuSO ₄	MAX MOISTURE (%)	SPECIFICATION	OTHERS	
1	Nitrogen	Urea (granular and prilled)	Malaysia; Egypt	46								1.0	MIN 45% of Total N (untreated); MIN 44% of Total N (treated)	
		Ammonium Sulphate	Taiwan; China	21								1.0	MIN 20.5% N	
		Ammonium Nitrate (prilled)	-	34								1.0	Min 33-34% of N	Limit of variation: max 5% (of declare %)
		Ammonium Chloride	China	25								1.0	MIN 25% N	
2	Phosphorus	Egyptian Rock Phosphate	Egypt		26-28							3.0 - 5.0	Total P ₂ O ₅ : 26% min	Citric Acid Soluble: 25% of total P ₂ O ₅ .
		Ground Rock Phosphate	Egypt		26							3.0 - 5.0	Total P ₂ O ₅ : 26% min	
		Triple Super Phosphate	China		46							5.0	MIN 46% P ₂ O ₅	Water Soluble: 42.5% P ₂ O ₅
		Monoammonium Phosphate	China	10	50							2.0	MIN 10% N; 50% P ₂ O ₅	
		Diammonium Phosphate	China/Vietnam	18	46							2.0	MIN 18% N; 46% P ₂ O ₅	Water Soluble: 41.0% P ₂ O ₅
		Fused Magnesium Phosphate	Vietnam		17			14					-	-
4	Kieserite	Potassium Chloride	Belarus			60						1.0	MIN 60% K ₂ O	
		Kieserite (Magnesium Sulphate)	China		26-27							1.0	MIN 25% MgO	
		AgroMag (Hepta)	China				16						-	-
		Ground Magnesium Limestone	Local				16			48		2.0	MIN 15% MgO	
5	Boron	Borate	USA									1.0	MIN 46.0% B ₂ O ₃	
		Zinc Sulphate	China						21			-	-	
6	Mixture	Copper Sulphate	China/Taiwan							23.5		-	-	
		Mixture Fertilizer	Local									2.0	Total N, P ₂ O ₅ , K ₂ O, MgO: 12% max permissible tolerances from declared content	Total of content as sum of straight: 5% of quoted value
7	Compound	Compound Fertilizer	Local									1.0	Total N, P ₂ O ₅ , K ₂ O, MgO: 8% max permissible tolerances from declared content	Sum of declared formulation : 5% max
		SNP 17/28	Russia	17		28								
		Agro Vita 16/16/16	Russia	16	16	16								
		SNP 14/14/23	Russia	14	14	23								
8	Compacted compound	Compaction Fertilizer	Local									3.0 - 5.0	Total N, P ₂ O ₅ , K ₂ O, MgO: 8% max permissible tolerances from declared content	Sum of declared formulation : 5% max Not cover under SIRIM specification
9	Fortified organic fertilizer	11/5/21+40%OM	Taiwan	11	5	21						1.0	Refer table below.	
		15/15/15/2+50%OM	Taiwan	15	15	15	2							

Minimum nutrient level if followed specification for premium compound:

Product	N	P ₂ O ₅	K ₂ O	MgO
SNP 17/28	16.32	-	26.67	-
AV 16/16/16	15.33	15.06	15.15	-
SNP 14/14/23	13.37	13.13	21.98	-
RT 11/5/21	10.4	4.5	20.03	-
RT 15/15/15/2	14.35	14.17	14.18	1.5