	Ammonium Nitrate		Calcium Ammonium Nitrate	Calcium nitrate (fertilizer grade)	Ammonium sulphate nitrate	Potassium Nitrate / Sodium nitrate	Ammonium sulphate	Urea	Rock Phosphate	Partially acidulated rock phosphate	Single/Triple super phosphate	Monoammonium phosphate	Diammonium phosphate	Mono potassium phosphate	Potassium chloride	Potassium sulphate/ magnesium sulphate (kieserite)	NPK, NP, NK (AN based)	NPK, NP, NK (Urea based)	Limestone/dolomite/calcium sulphate/Calcium carbonate	Sulphur (elemental)
Ammonium Nitrate				1	2		3	NC 1		4	4				5		5	NC 1		NC 2
Calcium Ammonium Nitrate				6	2		2	NC 1			7				5		5	NC 1		NC 2
Calcium nitrate (fertilizer grade)	1		6		8	8	8	8			8	8	8	8	8	9	8	8		8
Ammonium sulphate nitrate	2		2	8		2		NC 1	10	4	7				5		5	NC 1		NC 2
Potassium Nitrate / Sodium nitrate				8	2		11										12	13		NC 2
Ammonium sulphate	3		2	8		11											5			
Urea	NC 1		NC 1	8	NC 1					14	15				16		NC 1			
Rock Phosphate					10															
Partially acidulated rock phosphate	4				4			14					17							
Single/Triple super phosphate	4		7	8	7			15					17				4	14	17	
Monoammonium phosphate				8																
Diammonium phosphate				8						17	17									
Mono potassium phosphate				8																
Potassium chloride	5		5	8	5			16									5			
Potassium sulphate/magnesium sulphate (kieserite)				9																
NPK, NP, NK (AN based)	5		5	8	5	12	5	NC 1			4				5			NC 1		NC 2
NPK, NP, NK (Urea based)	NC 1		NC 1	8	NC 1	13					14						NC 1			
Limestone/dolomite/calcium sulphate/Calcium carbonate											17									
Sulphur (elemental)	NC 2		NC 2	8	NC 2	NC 2											NC 2			

Figure 1. COMPATIBILITY OF VARIOUS SOLID INORGANIC FERTILIZERS

	Compatible
	Limited compatibility linked to quality issues
	Limited compatibility related to safety or regulatory issues
NC	Not Compatible

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