

Product Compatibility Chart

	Superphosphate	Urea	N-Protect	Sulphur Super 30	Potassium Chloride	Ammonium Sulphate Granular	Calcium Ammonium Nitrate (CAN)	Cropmaster DAP	Ammo-Phos MAP	Kieserite	Sulphate of Potash	Sodium Chloride	Serpentine Super	Triple Super	Lime	Magnesium Oxide	Dolomite	Reactive Phosphate Rock	Sulphur 90
Superphosphate																			
Urea	5																		
N-Protect	5																		
Sulphur Super 30		5	5																
Potassium Chloride		10																	
Ammonium Sulphate Granular	3	10	8	3															
Calcium Ammonium Nitrate (CAN)	2	2	2	2	3														
Cropmaster DAP	3		8	3															
Ammo-Phos MAP	3		8	3															
Kieserite			8				9												
Sulphate of Potash			8																
Sodium Chloride																			
Serpentine Super		3	8			4	2	4	4										
Triple Super		5	8																
Lime	12	1	1	12		1	1	1	1										
Magnesium Oxide		1	1	11		1	1	1	1					13					
Dolomite	12	1	1	12		1	1	1	1										
Reactive Phosphate Rock			8																
Sulphur 90							6												

Key

- Not Compatible - moisture will generate gas (Ammonia or Sulphur) or absorb moisture and become wet or cause heat to be generated.
- Compatible under special circumstances - mixtures need to be spread promptly and not stored as they will react and go hard.
- Compatible

- 1: Potential ammonia gas release
- 2: Change is critical relative humidity - becomes very hygroscopic and rapidly absorbs moisture.
- 3: Change in critical relative humidity - will start to absorb moisture. Advise prompt spread.
- 4: Consider the moisture and free acid content of the SSP.
- 5: Formation of very sticky urea phosphate.
- 6: Sulphur is combustible and can react with nitrates e.g. AN
- 7: Consider the moisture content of the SSP. Not to be bagged.
- 8: N-Protect coating will degrade over time.
- 9: Risk of formation of gypsum.
- 10: Consider the change in relative humidity when blending - recommend good storage or prompt spread.
- 11: Blend may heat - consider implication on packaging - could compromise 1/2 or 1 mt bag.
- 12: Blend may have reversion - if product left to sit product set up and become hard.
- 13: Keep dry before and after blending.