

# Product Compatibility Chart

Product	Superphosphate	Urea	N-Protect	Sulphur Super 30	Potassium Chloride	Ammonium Sulphate Granular	Flexi-N & Flexi-N Protect	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																
Flexi-N & Flexi-N Protect	7			7																
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	1										
Magnesium Oxide		1	1	11		1	14	1	1	1					13					
Dolomite	12	1	1	12		1	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 hyscopic 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.
- 14: Can be mixed as part of a Flexi-N SSP blend.