



Туре	Description	Examples
Organic-N low solubility compounds	Condensation products of urea- aldehydes (slow-release)	Urea-formaldehyde (UF) Isobutylidene-diurea (IBDU) Cyclo-diurea/ Crotonylidene diurea (CDU)
Physical barrier - coated/encapsulated	Organic polymer coatings (thermoplastic or resins) Inorganic coatings Matrices can be hydrophobic (e.g. polyolefines, rubber etc) or hydrophilic (hydrogels)	Polymer coated sulphur-coated urea (PSCU) Polymer coated urea (PCU) Sulphur-coated urea (SCU) Polyolefin coated urea (e.g. Meister®) and coated NPK(+) compounds (e.g. Nutricote®)
Inorganic low- solubility compounds	Slow release	Eg. Metal ammonium phosphates (struvites), partially acidulated phosphate rock

















Inhibitor	Rate	Relative volatility	Solubility in water	Mode of application
Nitrapyrin/ N-serve	1-2 mg/kg	High (Corrosive)	Low	Suitable with anhydrous ammonia with injection into so
DCD	20 mg/kg (10 kg/ha)	Low	High	Use in solid, liquid fertilisers & slurry
DMPP	0.5–1.5 kg/ha	Low	Low	Use in solid, liquid fertilisers & slurry



















