

iv. Granular fertilizer

1- Ammonium Sulphate

Formula is  $(NH_4)_2SO_4$  ,described as NPK21-0-0-24S.

Usage :Most Widely used as fertilizer ,used in textile ,leather ,medicine ,food additives , biochemistry ,Common salt etc. .

2- Potassium Magnesium sulphate

Potassium Magnesium sulphate is a unique source of plant nutrition, since three essential nutrients combine naturally into one mineral .it is an excellent source of three of the major nutrients potassium(k) ,magnesium (Mg) and sulfur (s) to growing plants .Granular provides an economical source of magnesium and sulfur to produce custom bulk blend fertilizers .

It is nutrient composition is approximately :

Potassium 18% magnesium 11% sulfur 22%

v. Other fertilizer

Urea is white crystal, prilled or granular, used as nitrogen fertilizer and used as industrial material in synthetic industry and other fields, such as medicine ,dye, textile , oil refining and printing.

ITEMS	SPECIFICATION	
	Prilled	Granular
<b>Total Nitrogen % ≥</b>	46.2	46.2
<b>Biuret % ≤</b>	1.0	1.4
<b>Moisture % ≤</b>	0.3	0.5
<b>Size % ≥</b>	1-4 mm 90-94	2-4 mm 90-94
Items	Specifications	
	Industry use	Agriculture use
<b>Total nitrogen</b>	46.3 %	46.2 %
<b>Biuret % ≤</b>	0.9	1.0
<b>Moisture % ≤</b>	0.5	0.5
<b>Size (0.85 – 2.8 mm )</b>	90	90