

# Activity Sheet 2d: Fertilizer labels



Analysis		2kg e
COMPOUND FERTILIZER 10 7 10		
containing magnesium		
NITROGEN (N) Total		10.5%
PHOSPHORUS PENTOXIDE (P <sub>2</sub> O <sub>5</sub> ) Total	7.5% (3.3%P)	
of which soluble in water	4.5% (2.0%P)	
POTASSIUM OXIDE (K <sub>2</sub> O) Total	10.5% (8.7%K)	
MAGNESIUM OXIDE (MgO) Total	4.5% (2.7%Mg)	

Fast Plant Fertilizer

Compound fertiliser 4-3-2.5	
Nitrogen (N).....	4.0%
Phosphorous Pentoxide (P <sub>2</sub> O <sub>5</sub> ).....	3.0%
Phosphorous Pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water.....	0.5%
Potassium Oxide (K <sub>2</sub> O).....	2.5%

Rooster Organic Chicken Manure Pellets

ACID PLANT FOOD AND TONIC	
E.E.C. FERTILISER	
N.P.K. FERTILISER 15-10-15	
Containing Magnesium and Sulphur with Iron and Manganese	
(MgO 2.5-SO <sub>3</sub> 30.0)	
Total Nitrogen (N).....	15.0%
Nitric Nitrogen (N).....	4.6%
Ammoniacal Nitrogen (N).....	10.4%
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	
Soluble in Neutral Ammonium Citrate and Water.....	10.0% (P4.4%)
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	
Soluble in Water.....	10.0% (P4.4%)
Potassium Oxide (K <sub>2</sub> O)	
Soluble in Water.....	15.0% (12.3%)
Magnesium Oxide (MgO)	
Total.....	2.5% (Mg 1.5%)
Soluble in Water.....	2.5% (Mg 1.5%)
Sulphur Trioxide (SO <sub>3</sub> )	
Total.....	30.0% (S 12.0%)
Soluble in Water.....	29.8% (S 11.9%)
Iron (Fe)	
Total.....	0.26%
Soluble in Water all chelated	
Chelated by EDTA.....	0.26%
Manganese (Mn)	
Total.....	0.028%
Soluble in Water.....	0.026%

Muck and Magic Fertilizer

EEC FERTILISER NPK FERTILISER	
12 : 6 : 27 + Trace Elements	
Total Nitrogen (N)	12.00%
Nitric Nitrogen	0.00%
Ammoniacal Nitrogen	6.80%
Ureic Nitrogen	5.20%
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) (water & amm. citrate soluble)	6.00%
Potassium Oxide (K <sub>2</sub> O) soluble in water	27.00%
Magnesium Oxide (MgO)	2.00%
Boron (B)	0.010%
Copper (Cu)	0.002%
Iron (Fe)	0.02%
Manganese (Mn)	0.01%
Molybdenum (Mo)	0.0008%
Zinc (Zn)	0.002%

Fruitful General Purpose Fertilizer

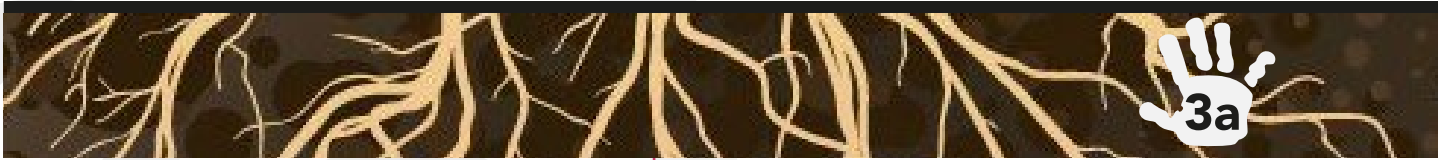
EEC FERTILISER NPK FERTILISER 12.5 - 5.0- 24.5	
Containing Magnesium and Sulphur with Iron and Manganese (MgO 2.2 - SO <sub>3</sub> 21.5)	
Total Nitrogen (N).....	12.5%
Nitric Nitrogen (N).....	7.4%
Ammoniacal Nitrogen (N).....	5.1%
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) Soluble in neutral ammonium citrate and water.....	5.0% (P 2.2%)
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	
Soluble in water.....	5.0% (P 2.2%)
Potassium Oxide (K <sub>2</sub> O)	
Soluble in water.....	24.5% (K 20.3%)
Magnesium Oxide (MgO) Total	2.2% (Mg 1.3%)
Soluble in water.....	2.2% (Mg 1.3%)
Sulphur Trioxide (SO <sub>3</sub> ) Total ...	21.5% (S 8.6%)
Soluble in water.....	21.5% (S 8.6%)
Iron (Fe) Total.....	0.40%
Soluble in water.....	0.35%
Manganese (Mn) Total.....	0.02%
Soluble in water.....	0.02%
Calcium Oxide (CaO)	
Soluble in water.....	2.2% (Ca 1.6%)

Speed Grow Fertilizer

ANALYSIS	
NPK FERTILIZER 5:6:12	
NITROGEN (N)	5%
PHOSPHORUS PENTOXIDE (P <sub>2</sub> O <sub>5</sub> )	6% (P 2.6%)
soluble in neutral ammonium citrate and in water (P <sub>2</sub> O <sub>5</sub> )	5.5% (P 2.4%)
soluble in water (P <sub>2</sub> O <sub>5</sub> )	5% (P 2.2%)
POTASSIUM OXIDE (K <sub>2</sub> O)	
soluble in water	12% (K 10%)
MAGNESIUM OXIDE (MgO)	2.5% (Mg 1.5%)
IRON (Fe)	0.6%
GYPSUM	

Hercules Fertilizer

# Activity Sheet 3a



Tap roots



Spreading roots

