

8.5 Phosphate Fertilizers

Phosphate fertilizers are classified into 3 groups of chemical compounds. Two of these groups are known as superphosphates and are defined by the percentage of phosphorus as phosphorus pentoxide (P_2O_5). Normal superphosphate contains between 15 and 21 percent phosphorus as P_2O_5 whereas triple superphosphate contains over 40 percent phosphorus. The remaining group is ammonium phosphate ($NH_4H_2PO_4$).