Main Fertilizers

World nitrogen fertilizer consumption

Nitrogen is the most consumed nutrient, due to its important role in crop production (N is an important component of many structural, genetic and metabolic compounds in plant cells). World demand for high-analysis, easy to transport fertilizer products is steadily increasing. Urea (46-0-0) is currently the most popular N fertilizer source with about 56 percent of the world market and represents the major sectoral growth in the nitrogen industry. The growth in demand has stimulated a growth in production.

World phosphate fertilizer consumption

The trend in phosphate consumption by product shows that the single superphosphate (SSP) share in the P market has dropped over the years. This is due to the continuous increase in the use of high-analysis P fertilizers, such as ammonium phosphates, mainly diammonium phosphate (DAP), the share of which increased to more than 50 percent of the global P market. DAP is the most consumed P fertilizer worldwide, due to its high P and N concentration.

World potash consumption
Potassium chloride or muriate of potash (MOP) is the most used K fertilizer product worldwide, accounting for almost 70 percent of all demand for K fertilizers. In some countries, such as the United States, Brazil or India, it accounts for more than 90 percent of all K fertilizer sold.