World Phosphate Rock Reserves and Resources – IFDC Report

Background and Rationale

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IFDC
Established in 1974 during world food crisis
Suggested by U.S. Secretary of State Dr. Henry Kissinger
U.S. President Jimmy Carter, by Executive Order, accorded IFDC immunities and privileges of an international organization in 1977
Non-profit Public International Organization
Initial purpose to help developing countries solve food-deficit problems by focusing on development of fertilizers and fertilizer practices to meet special needs of tropical and subtropical climates and soils
Activities

- Improving nutrient delivery and use
- Particular focus
  - Fertilizer raw materials identification and assessment
  - Nitrogen, Phosphorus, Potassium and micronutrients
  - Development of efficient markets of agricultural inputs
  - Capacity building
  - Policy advocacy

- Unique combination of research capabilities and market development and training skills enabled IFDC to develop incentive-based programs customized for local needs and problems
International Grain and Crude Oil Prices
Annual Averages
2004 – 2010 (January-August)

Crude Oil Spot Prices (US $/barrel)

International Grain Prices (US $/mt)

Wheat

Rice

Oil

Maize

Oil Prices Source: U.S. Energy Information Administration
Grain Prices Source: International Monetary Fund: 1. 5% broken, nominal price quote, fob Bangkok.

Graph by IFDC
Fertilizer Prices (FOB, bulk)  
Monthly Averages  
January 2007–June 2010

1. Derived from Green Markets. 2. Derived from FMB Weekly.


Graph by IFDC
Phosphate is One of Three Nutrients Essential to Plant Growth
Numerous articles suggest phosphorus (phosphate rock) reserves — resources will be depleted in the 21st century.
IFDC Maintains a Very Extensive Phosphate Rock Data Base with Chemical and Mineralogical Information
World Phosphate Rock Reserves and Resources Study Initiated in 2009 with funding from USAID
Thank You.