WHEAT

Chinese Academy of Agricultural Sciences (CAAS) conducted series of INDEPENDENT tests applying Orykta® to various types of crops grown in a wide range of different regions and soils throughout China.

Production increase rate of 12 crops reached R (remarkable) level of the national standard (>5%), and some even reached VR (very remarkable) level (>15%).

Baseline Plot (Control Group): normal fertilizer usage

Orykta® Plot: combine Orykta® with reduction in normal fertilizer usage by 30-40%.

Summary of Results:

Province	Soil Type	Yield Increased over Control Group
Shandong	Brown Soil pH 5.7	5.6 – 7.2%
Beijing	Fluvo-Aquic Soil	6.8 – 7.7%

Orykta® vs Control Group

- ✓ Less non-productive tiller
- ✓ Higher content of chlorophyll and weight
- ✓ Increased yield

SHANDONG PROVINCE

ORYKTA® IS 1ST FOREIGN MINERAL SOIL AMENDMENT REGISTERED IN CHINA

BEIJING

"Orykta® effectively reduce non productive tillering and increased spike numbers. It increased the amount of chlorophyll of the wheat leaves."

WHEAT

Testing Authority: Centre for Promotion of Science and Technology of the National Supply Coordination Department Peoples Republic of China

Objective: To determine the effectiveness of (a) using Orykta® to amend soils (b) production rates of certain crops grown on soils amended with Orykta®; and (c) establish guidelines for commercial use of Orykta®.

Experiment Conditions: 6 HA (15 mu) with Orykta®; 6 HA (15 mu) of Control Plots without Orykta®
5mu= 2 HA (hectares); 1mu = 0.165 acre, or 0.4 HA

Method: Orykta® was spread evenly on the surface of the soil during sprouting (3 leaves) period. Rate of Orkyta® application: 1.5 tons per HA.

Summary of Results:

- ✓ The production of wheat using Orykta® increased by 33%.
- ✓ The quality and solidity increased.
- ✓ The texture of soil with Orykta® was looser in comparison with the soil without Orykta®.

HEILONGJIANG PROVINCE

CENTRE FOR PROMOTION OF SCIENCE AND TECHNOLOGY OF THE NATIONAL SUPPLY COORDINATION DEPARTMENT