

# THE PHOENIX



TK47 is a multi-functional innovative product that, in a single grain, combines benefits for crop nutrition, crop protection, soil improvement and increased sustainability. TK47 offers a high concentration of nutrients: Potassium, Calcium, Magnesium and Silicon.

**“BNDES DISBURSES R\$ 68.7 BILLION IN THE FIRST HALF OF 2015”**

“The Brazilian Development Bank (BNDES) disbursed R\$ 68.7 billion in the first half of this year. Of that total, the infrastructure sector received R\$ 26 billion with a participation of 37.8%, and the electric energy segment was the main beneficiary (R\$ 10.5 billion released).

In second place is industry with R\$ 20.2 billion (29.5% of the total), followed by trade and services with R\$ 15 billion (22%), then cattle-raising and agriculture with R\$ 7.4 billion (10.8%).”

“One of the highlights of the BNDES’ performance in this half is the growing financial support for projects in the so-called “green economy”, with disbursements of R\$ 14.6 billion (increase of 34.7% compared to the same period in 2014).

In the 12 months ending in June this year, disbursements to green economy projects reached R\$ 32 billion (up 23% in relation to the previous 12-month period). This item includes projects related to renewable energy and energy efficiency, forestry production, hybrid and electric transport, sanitation and agricultural improvements, among others.”

[Click here](#) to read the full release.

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**SPECIAL FEATURE**

**Research – Children’s Health**

**“In Utero Pesticide Exposure and Leukemia in Brazilian Children < 2 Years of Age”**

Since 2008, Brazil has been ranked first in the world for pesticide consumption. In 2011, the country spent approximately \$8.5 billion on pesticide related chemicals. In the last ten years, while the world market in this sector grew

by 93%, the growth in Brazil was 190%. Due to extensive acreage, the mix of crop cultures and its climatic conditions being favourable to the proliferation of pests, Brazil uses an average of two to three times more pesticides per acre than other global producers.

Click [here](#) for research into pesticide exposure, pregnancy, and leukemia in very young children.

**TK47 allows for a reduction in the amount of pesticides used.**

Agronomic results show that TK47 increased productivity despite a reduced amount of pesticides demonstrating TK47's ability to increase plants' natural resistance against diseases and pests, thus allowing growers to use less pesticide.

[Click here](#) for the full press release.

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**“It’s not our father’s**

**agriculture anymore”**

*“Market turbulence or not, North American investors plow into farm tech” - Reuters*

"There are all sorts of new technologies being developed in and around crop nutrients, crop efficiency, seed efficiency," said Greg Pearlman, head of Bank of Montreal's food and consumer group. "We think this is a hot area."

**Read the full article [here](#).**

Verde’s TK47 product provides benefits in terms of crop nutrition, crop protection, soil improvement and increased sustainability.

[Click here](#) for to read about the full benefits of TK47.

## **BRAZILIAN ECONOMY**

### **Weak Brazilian Real**

*“Dilma’s dilemma over weak Brazilian real” – Financial Times*

The currency broke “through its record low against the dollar, weakening to an all-time intraday level of R\$4.2478, compared with a previous intraday low of R\$4.014 set nearly 13 years earlier.”

“A weaker real will in time help to revive the export sector and close the current account deficit,” says Neil Shearing of Capital Economics. “Fast forward to the end of this decade and our sense is that, after several difficult years, a weaker currency will have laid the foundations for steady (if deeply unspectacular) growth.”

**Read the full article [here](#).**



## **MORE THAN A FERTILIZER**

Research has shown that by integrating TK47 into their nutrient management systems, farmer’s benefit from TK47’s multi-functionality in 4 key aspects:

1. Crop nutrition
2. Crop protection
3. Soil improvement
4. Sustainable agriculture



Cristiano Veloso,  
President & CEO:  
[cv@verdepotash.com](mailto:cv@verdepotash.com)  
+55 (31) 3245-0205

Iwona Zakrzewski  
Investor Relations  
[iz@verdepotash.com](mailto:iz@verdepotash.com)  
+1 (416) 844-7337