



Dr. Garcia (right) visiting one of the seven field experiments established within the Fundacruz network. This site (El Porvenir) was located in the northern region of eastern plains of Bolivia.

Summary and Conclusions

The Fundacruz network of exploratory experiments allowed determination of P deficiencies and a high probability of grain yield response in soils with Olsen P below 6 mg P/kg, contributing to the development of BMPs for fertilizer use in the region. Research also showed that K, S, and micronutrients might be deficient under certain soils and management conditions.

Further research will address the determination of right rate, source, time, and place of P fertilization under responsive situations. Also, exploration of K, S, and micronutrient deficiencies and responses should be continued. Fertility management should be integrated with soil management practices, and overall crop management to develop sustainable cropping systems in the eastern plains of Bolivia.

More information on this research project (Bol-01) is available from the IPNI Research Database found at www.ipni.net/research

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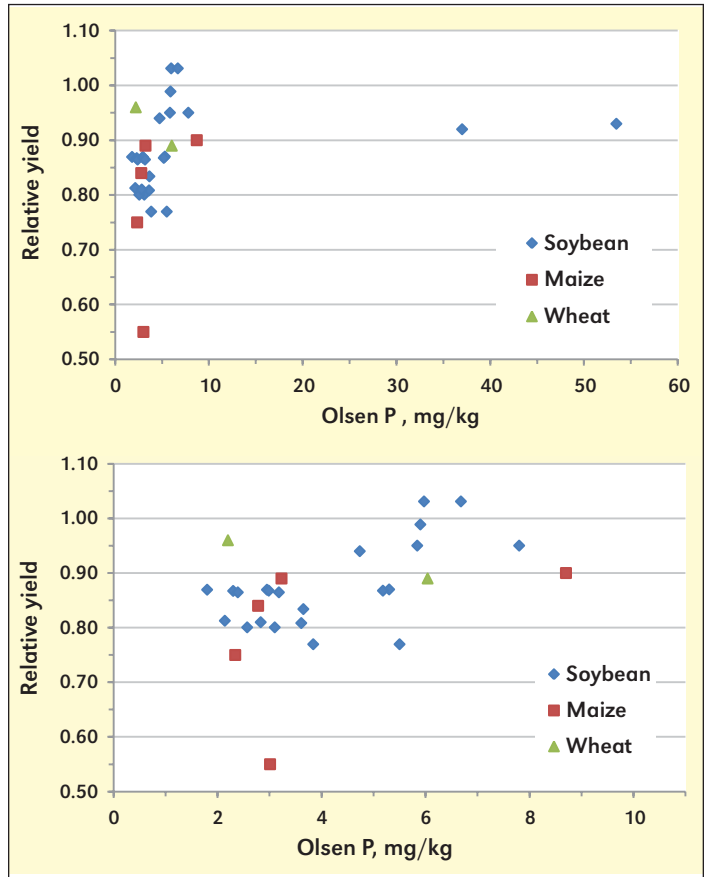


Figure 5. Relationship of relative yield of soybean, maize, and wheat with soil Olsen for 32 site-years of the Fundacruz network. Top figure shows the relationship for all site/years, and lower figure shows the relationship for sites with Olsen P below 10 mg P/kg.

References

INE. 2010. <http://www.ine.gob.bo/indice/general.aspx?codigo=40104>. Accessed September 2011.

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Study Guide for International Certified Crop Adviser Exam

The publication titled Preparing for the 2012 International Certified Crop Adviser Exam (Item #50-1000) is available for purchase from IPNI. The price of USD 50.00 (fifty-dollars) includes shipping and handling.

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The ICCA exam study guide may also be purchased on-line by visiting this website:
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