concerning disease mitigation through plant nutrition, but proper nutrition is one certain way that growers can combat plant disease. Keep in mind that too much of any nutrient can be detrimental to plant growth and that balanced nutrition is essential for optimal crop growth and development.

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## References

Univ. California. 1992. Integrated Pest Management for Cole Crops and Lettuce. Statewide Integrated Pest Management Project. Publication 3307, 112 pp. Elmer, W.H. 2000. Plant Disease. 84:1231-1234.

Subbarao K.V. 2012. Biology and Epidemiology of *Verticillium* Wilt of Lettuce. Salinas:, California Leafy Greens Research Program. Calgreen.org

## **Further Reading**

Datnoff, L.E., W.H. Elmer, and D.M. Huber (eds.). 2007. Mineral Nutrition and Plant Disease. Amer. Phytopath Soc., St. Paul, Minnesota, USA. Dordas, C. 2008. Agron. Sust. Develop. 28:33-46.

## **IPNI Appoints Potassium Program Director**

The International Plant Nutrition Institute (IPNI) has appointed Dr. T. Scott Murrell as Director of its new Potassium Program.

For the past 20 years, Dr. Murrell has worked for IPNI (2007 to present) and its predecessor the Potash & Phosphate Institute (PPI; 1996 to 2007) as IPNI Director of the North America Program and PPI Regional Director of the Northcentral U.S. Program, respectively. Most recently, Dr. Murrell's focus within the IPNI North American Program has been on the improvement of nutrient management within corn-soybean cropping systems, data management for soil testing and crop nutrient uptake, and soil potassium assessment. Dr. Murrell will continue his work with data management as that is an integral component of potassium plant nutrition and management.

"All IPNI scientists' activities include agronomic programs that address potassium, nitrogen, phosphorus, and other plant nutrients as part of the Institute's regional and global tactical plans," explained IPNI President Dr. Terry L. Roberts. "Our addition of a Potassium Program Director completes our team of Directors that will have primary and global focus on each of the major nutrients."



Dr. T. Scott Murrell, Director of the IPNI Potassium Program.

## **Crop Nutrient Deficiency Photo Contest Entries Due December 6, 2016**



Calcium deficiency in wheat.

There is still time to beat the deadline for submitting entries to the annual IPNI photo contest for plant nutrient deficiencies.

- Our list of prizes is as follows:
- US\$250 First Prize for best overall photo
- US\$150 First Prize Awards and US\$100 Second Prize Awards within each of the four plant nutrient categories (Nitrogen, Phosphorus, Potassium, and Other Nutrients).
- In addition, the grand prize winners and first place winners will receive the most recent copy of our USB image collection. For details on the collection, please see http://ipni.info/NUTRIENTIMAGECOLLECTION

Entries can only be submitted electronically to the contest website: www.ipni. net/photocontest.

Winners will be notified and announced in early 2017. Look for results posted on ipni.net.