

Yuning Wang

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EDUCATION:

Northwest Agriculture and Forestry University, Yangling, China(Sep.2007-Jun.2010)

M.S. in Agricultural Resources and Environment

Major: Plant Nutrition

Northwest Agriculture and Forestry University, Yangling, China(Sep.2003-Jun.2007)

B.S. in Agricultural Resources and Environment

WORK AND RESEARCH EXPERIENCE:

Agricultural Resources and Environment Research Institute(Oct.2010-Oct.2011) and Agricultural Science and Technology Information Institute(Oct.2011-), Guangxi Academy of Agricultural Sciences, Guangxi, China

Editor:

- Be responsible for the editorial work of Soil and Fertilizer/Water Saving Irrigation/Agricultural Ecological Environment columns on *Journal of Southern Agriculture*;
- Be responsible for editorial work of on *Southwest China Journal of Agricultural Sciences*

Researcher:

- Mainly engaged in the research of soil moisture dynamics
- Developed the precision control irrigation for sugarcane
- Conducted an investigation on soil nutrient and pollution in the southern area of China
- Studied the effect of multiple trace elements on sugarcane growth
- Research on agricultural information in ASEAN countries

PUBLICATIONS:

1. **Wang Y N**, Fan J,Li S Q, Wang Q J, Zeng C. Effects of sensor's laying depth for precision irrigation on growth characteristics of mature grapes[J]. *Chinese Journal of Applied Ecology*, 2012(8): 2062-2068.
2. **Wang Y N**, Fan J, Li S Q, Wang Q J, Zeng C. Soil Water Sensor Placement for Precise Irrigation Scheduling Using Soil Moisture Information[J]. *Journal of Irrigation and Drainage*, 2009,(5):10-12,33.
- 3.Fan J, Wang Q J, **Wang Y N**. Simulated effects of texture and rooting depth on soil moisture sensor placement[J]. *Journal of Drainage and Irrigation Machinery Engineering*, 2013(1):70-74.
- 4.Zhao M, **Wang Y N**, Liu H P. Effect of rock fragment coverage and content on soil moisture of farmland in Loess plateau[J]. *Journal of Henan Agricultural Sciences*, 2013(12) :59-63.
- 5.Jiang Z P, Liao Q, Xing Y, **Wang Y N**, Tan Y M, Wei G P, Liu B. Different cover cultivation models of sugarcane-potato interplanting[J]. *Journal of Southern Agriculture*,2012(10): 1476-1479.
- 6.Huang Y Y, Chen G F, Xiong L M, **Wang Y N**, Ye F, Zhang L, Tang Q Z, Wang J. Survey and Evaluation of Heavy Metal Contamination of Paddy Soil in Guangxi[J].*Journal of Anhui Agricultural Sciences*,2013(26):10648-10649,10852.
- 7.Huang Y Y, Chen G F, Xiong L M, **Wang Y N**, Ye F, Zhang L, Tang Q Z, Wang J. Survey and evaluation of heavy metal contamination of paddy soil in western Guangxi[J]. *Journal of Southern Agriculture*, 2014(02) :240-243.

8. Jiang Z P, Liao Q, Xing Y, Tan Y M, Wei G P, **Wang Y N**. Effect of different genotypes sugarcane inter planting potato[J]. *Guangdong Agricultural Sciences*, 2013(02):1-2,5.
9. Su T M, Li Y R, Jiang Z P, Liao Q, Wei G P, **Wang Y N**. Effect of copper on soil enzyme, alkali-hydrolyzable N and sugarcane growth[J]. *Journal of Southern Agriculture*, 2011(06): 631-634.
10. Jiang Z P, Liao Q, Wei G P, Tan H W, **Wang Y N**. Interactive effect of silicon and phosphorus on yield and growth of sugarcane[J]. *Journal of Southern Agriculture*, 2011(09) : 1091-1095.
11. Jiang Z P, Liao Q, Wei G P, Tan Y M, Chen G F, Liu B, **Wang Y N**. Effects of Optimum Fertilization Model between Silicon and Phosphorus on Yield and Quality of Sugarcane in Lateritic Red Earth Area of Guangxi[J]. *Journal of Anhui Agricultural Sciences*, 2011(36) :22233-22236,22484.
12. Chen G F, Huang Y Y, Xiong L M, Liu B, **Wang Y N**, Yang S E. Soil nutritional status of Lijian Scientific Research Base of Guangxi Academy of Agricultural Sciences[J]. *Journal of Southern Agriculture*, 2012(2) : 196-199.
13. Xing Y, Jiang Z P, Tan Y M, Liao Q, Chen G F, **Wang Y N**, Xiong L M. Study on Nitrogen, Phosphorous and Potassium Accumulation and Utilization for Three Sugarcane Genotypes[J]. *Sugarcane and Canesugar*, 2013(1):10-13.