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Research Interests

- Soil fertility and improvement
- Utilization of waste resources
- Evaluation of fertilizer and soil amendment

Publication

Characteristics of rice stem in response to different silicon fertilizers under high nitrogen supply level(CN), Journal of Plant Nutrition and Fertilizers, 2018, DOI: 10.11674/zwyf.17485

Effects of silicon application on resistance against bacterial blight and antioxidant defense activities of rice leaves(CN), Journal of Plant Nutrition and Fertilizers, 2016, DOI: 10.11674/zwyf.15511

Effects of UAN nitrogen solution on growth and nitrogen uptake of corn in fluvo-aquic soil(CN), Soil and fertilizer sciences China, 2019, DOI: 10.11838/sfsc.1673-6257.19022

Potassium magnesium of sulphate and code of agricultural practice(CN), Beijing/China Agricultural Publishing House, 2020, ISBN: NY/T 3620-2020

UAN nitrogen solution and code of agricultural practice(CN), Beijing/China Agricultural Publishing House, 2020, ISBN: NY/T 2670-2020



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Water-soluble fertilizers containing calcium and magnesium(CN), Beijing/China Agricultural Publishing House, 2012, ISBN: NY 2266-2012

Agro-forestry absorbent polymer(CN), Beijing/China Agricultural Publishing House, 2017, ISBN: NY/T 886-2016

Liquid fertilizers Tech-regulations of package(CN), Beijing/China Agricultural Publishing House, 2012, ISBN: NY/T 1108-2012

Fertilizers and soil amendments-Determination and evaluation of acute oral toxicity(CN), Beijing/China Agricultural Publishing House, 2018, ISBN: NY/T 1980-2018

Fertilizer synergist-Regulations of efficiency experiment and assessment(CN), Beijing/China Agricultural Publishing House, 2014, ISBN: NY/T 2543-2014