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Research Interests

- Collection and evaluation of agricultural beneficial microorganisms and plant pathogens
- Collection, identification and evaluation of agricultural plant growth promoting microorganisms
- Collection and evaluation of crop pathogens
- Microbial control of continuous cropping diseases
- Biological fertilizer

Publication

First Report of Ceratobasidium sp. Causing Root Rot of Garlic in China ,Plant disease,2020, DOI:10.1094/PDIS-08-19-1679-PDN

Isolation and Screening of Plant Growth-promoting Rhizobacteria in Pepper and Their Disease-resistant Growth-promoting Characteristics (CN), Biotechnology Bulletin,2020, DOI:10.13560/j.cnki.biotech.bull.1985.2019-0840

Analysis of potato bacterial diversity and screening of high-yielding IAA strains (CN),Soils and Fertilizers Sciences in China,2020, DOI:10.11838/sfsc.1673-6257.19106



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First Report of *Setophoma terrestris* Causing Pink Root of Garlic in China, Plant disease, 2019,
DOI:10.1094/PDIS-03-18-0530-PDN

First Report of *Rhizopus oryzae* Causing Potato Soft Rot in the Hebei Province of China, Plant
disease, 2019, DOI:10.1094/PDIS-09-18-1612-PDN

**Study on the characteristics of a rhizosphere bacteria in garlic and its effect on garlic yield and
soil enzyme activities in field (CN)**, Soils and Fertilizers Sciences in China, 2019,
DOI:10.11838/sfsc.1673-6257.18153

***Sphingobacterium solani* sp. nov. isolated from potato stems**, International Journal of Systematic
and Evolutionary Microbiology, 2018, DOI:10.1099/ijsem.0.002605

**Characterizations of three diazotrophic *Paenibacillus* spp. and their effect on Chinese pakchoi
yield and soil enzyme activities**, Acta Microbiologica Sinica, 2018,
DOI:10.13343/j.cnki.wsxb.20170357

Research progress on formation mechanism of garlic continuous cropping obstacle (CN), Biotic
Resource, 2018, DOI:10.14188/j.ajsh.2018.02.008