

## ANDRES FRANCE

### Current Address

INIA Quilamapu,  
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### Home Address

El Granero 1199,  
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### Work Experience

- Teacher Assistant in Plant Pathology course, Universidad de Chile. 1980-82.
- Plant Pathologist, INIA Quilamapu, Chillán, 1983-1989.
- Teacher Assistant in Plant Disease Control course, Cornell University. 1992.
- Biological Control, INIA Quilamapu, Chillán, 1994-present

### Relevant publications:

Rodríguez, M., A. France, A. y M. Gerding G. 2004. Evaluation of two *Metarhizium anisopliae* var. *anisopliae* (Metsh.) isolates for white grub *Hylamorpha elegans* Burm. (COLEOPTERA: SCARABEIDAE) control. *Agricultura Técnica (Chile)* 64(1):17-24.

FRANCE, A. 2004. Biological control of slugs in Chile. Pp. 95-98, *in*: P. Lai, Y. Chang and R. Cowie. Proceedings of APEC Symposium on the Management of the Golden Apple Snail. National Pingtung University of Science and Technology.

GERDING, M., E. CISTERNAS y A. FRANCE. 2004. A century of biological control in Chile. *Informativo Agropecuario Bioleche - INIA Quilamapu* 17(1):42-44.

MERINO, L., M. GERDING y A. FRANCE. 2005. Biological control of yellow jacket (*Vespula germanica*) with entomopathogenic fungi. *Tierra Adentro Mayo-Junio* N° 62:10-12.

FRANCE, A. 2005. Organic management of plant diseases. Pp. 93-114, *in*: C. Céspedes (Ed.). *Organic Agriculture. Principles and practices*. Boletín INIA N°131. 131 p.

GERDING G., M. Y A. FRANCE I. 2005. Criopreservation of *Beddingia (Deladenus) siricidicola* nematode. Biological control of pine wasp (*Sirex noctilio*). *Bosque* 26(2): 131- 135.

RODRÍGUEZ, M., M. GERDING y A. FRANCE. 2006. Selección de aislamientos de hongos entomopatógenos para el control de huevos de la polilla del tomate, *Tuta absoluta* Meyrick (Lepidoptera: Gelechiidae). *Agricultura Técnica (Chile)* 66(2):151-158.

RODRÍGUEZ, M., M. GERDING y A. FRANCE. 2006. Efectividad de aislamientos de hongos entomopatógenos sobre larvas de polilla del tomate, *Tuta absoluta* Meyrick (Lepidoptera: Gelechiidae). *Agricultura Técnica (Chile)* 66(2):159-165

**Relevant presentations.** A total of 109 talks in annual congress and seminars.

**Relevant course work.** A total of 47 courses.

**Relevant Thesis supervision.** A total of 24 thesis supervision in Agronomy and Biochemistry fields.

**Relevant participation in research projects.**

- Biological control of slugs in non-tillage system. CORFO-FONTEC. 1995-1997.
- Discovery and evaluation of entomopathogenic nematodes in Chile. USDA/FAS/RSED. 1997-1999.
- Experimental center for mass production of biological agent for pest control. FDI. 1997-2000.
- Identification, culturing and production of the oyster mushroom (*Pleurotus* spp.). FIA. 1997-2001.
- Biological control of the fruit curculionid *Aegorhinus superciliosus* through the use of entomopathogenic fungi and nematodes. FIA. 2000-2003.
- Use of entomopathogenic fungi for pine shoot moth control (*Rhyacionia buoliana*). CORFO-FONTEC. 2001-2003.
- Biological control of tomato moth (*Tuta absoluta*) through entomopathogenic organisms. FIA 2001-2004.
- Genetic improvement through molecular markers for potato multiple resistance against potato golden nematode and virus. FIA Biotecnología. 2001-2005.
- Genetic studies of Chilena entomopathogenic fungi and biological activity against soil dwelling pest. FONDECYT 2003-2005.
- Yellow jacket control: Development and application of specific biopesticides. Innova Bio Bio 2003-2006.
- Biopesticides for a sustainable agriculture: Massive production of the native nematode Qu-N12 for slug (*Deroceras reticulatum*) control. Innova Bio Bio 2004-2007.
- Artificial crop development of the wild mushroom Gargal (*Grifola gargal*) and its industrial process. FIA 2004-2007.
- Selective improvement of beneficial organisms in compost for plant parasitic nematode control in grape and increase of non symbiotic nitrogen fixation. FIA 2004-2008.
- Sustainable production of wines elaborated from organic grapes. Swiss Government & FIA. 2004-2008.
- Formulations of micro organisms for biological control based in chitin and derivates. FONTEC 2005-2008.
- Conserving and using entomopathogenic fungi and nematodes within Chile. INIA - CABI Bioscience. Darwin Initiative. 2006-2009.

**Other activities**

- Member of The Editorial Committee of the Agricultura Técnica journal. 1998 – present.
- President of the Chilean Society of Nematology (SOCHINEM). 2003 – present.

- Member of the American Phytopathological Society (APS).
- Member of the Society of the Nematologists (SON).
- Member of Organization of Nematologists of Tropical America (ONTA).
- Member of the Chilean Society of Plant Pathology (SOCHIFIT).

