
PERSONAL DATA

Name: Gustavo Angel MADDONNI

Degrees: Ing. Agr., MSc., Doctor (University of Buenos Aires)

PRESENT PROFESIONAL POSITION

- Professor at Department of Vegetal Production, University of Buenos Aires

ACADEMIC BACKGROUND

• PUBLICATIONS**General overview of international publications**

I have published 5 books chapters and 20 papers in SCI-indexed journals.

Most recent international publications (*only last 4 years, from Jan 2006 to Dec 2009*)

SCI Papers published (*not including 'in press', even less 'under revision'*)

Maddonni, G.A. & Otegui, M.E. 2006. Intra-specific competition in maize: contribution of extreme plant hierarchies to grain yield, grain yield components and kernel composition. *Field Crops Research* 97: 155-166.

Maddonni, G. A.; Cirilo, A.G., & Otegui, M. E. 2006. Row width and maize grain yield. *Agronomy Journal* 98: 1532-1543.

Pagano, E.; & **Maddonni, G.A.** 2007. Intra-specific competition in maize: early established hierarchies differ in plant growth and biomass partitioning to the ear around silking. *Field Crops Res.* 101: 306-320.

Pagano, E.; Cela, S.; **Maddonni, G.A.** & Otegui, M. E. 2007. Intra-specific competition in maize: ear development, flowering dynamics and kernel set of early-established plant hierarchies. *Field Crops Res.* 102: 198–209.

Tanaka, W.; & **Maddonni, G. A.** 2008. Pollen source and post-flowering source-sink ratio effects on maize kernel weight and oil concentration. *Crop Science* 48: 666-677.

Tanaka, W.; Mantese, A, & **Maddonni, G. A.** 2009. Pollen source effects on growth of kernel structures and embryo chemical compounds in maize. *Ann. of Bot.* 104: 325-334.

Tanaka, W.; & **Maddonni, G. A.** 2009. Maize kernel oil concentration and episodes of source limitation during the effective grain filling period. *Crop Science* 2009 49: 2187-2197.

PARTICIPATION IN RESEARCH PROJECTS

- **Universidad de Buenos Aires.** 2004-2007. UBACyT *G061* “**Eco-physiological attributes determinants of early tolerance to intra-specific competition in maize**”. Role: Project Manager.
- **National Council for Research (CONICET).** 2005-2006. PIP 5440. “**Physiological basis of the kernel weight and kernel quality in hybrids with normal and high oil content**”. Role: Project Manager.
- **Universidad de Buenos Aires.** 2008-2010. UBACyT *G070* “**Genetic bases of**

- early established plant hierarchies in maize crops**". Role: Project Manager
- **National Agency for the Promotion of Science and Technology (ANPCyT)**. 2008-10. PICT 483. "**Physiological, eco-physiological and genetic bases of the early established plant-to-plant variability on maize**". Role: Project Manager
 - **National Council for Research (CONICET)**. 2009-2011. PIP 1122008-10. "**Abiotic stress in corn: Physiological studies oriented to crop management and crop breeding**". Project Manager: Dra. M. E. Otegui. Role: Project co-director.
 - **International Fund for Agricultural Technology of Spain, Latin-American and Caribbean countries (FONTAGRO)**. 2009-2012. **Mitigar el Efecto de Altas Temperaturas en la Productividad de Maíz**. Code FTG-0831 GA Slafer, Scientific Coordinator of the consortium [4 partners of 3 different countries]. Role: researcher.

- **RECENT PARTICIPATION IN SCIENTIFIC COMMITTEES**

Since 10 April 2008, I am Associate Editor on the Editorial Board of *Agronomy Journal*.

I have been Referee of various international journals including:

Elsevier Science:

Field Crops Research

Biomass and Bioenergy

Crop Science Society of America:

Agronomy Journal

Crop Science

Servicio de Publicaciones-INIA

Spanish Journal of Agricultural Research

I have been Referee of various types of projects and scholarships for INTA, UBA, ANPCyT and CONICET.