

## Expertise & Experience

**Position within the project:** Researcher

**Grigore Ion**, 58 years old, engineer

**Current position held:** Technological Development Engineer within the „Testing Department”, INMA Bucharest, No. 6 Ion Ionescu de la Brad Blvd., sector 1, Bucharest, Romania, 013813

**Professional experience in the field of the project:** During 1979 – 2002, agricultural mechanic: testing of agricultural machines. During 2002 – 2014, mechanical technician: testing of agricultural machines. From 2014 – present, Technological Development Engineer within the „Testing Department” of INMA Bucharest: research and testing in the field of technologies for agriculture and food industry.

**List of the most important achievements in the field of the project (publications in scientific journals):**

1. **Grigore I.**, Marin E., Sorică C., Mateescu M., Popescu C., Caba I. - *Aspects regarding the culture technology and measures for culture diseases at cucumber (cucumis sativus) greenhouses*, International Symposium ISB-INMA TEH' 2014 Agricultural and Mechanical Engineering, 30th – 31th October 2014;
2. Danciu A., Vlăduț V., **Grigore I.**, Sorică C., Cristea (Danciu) M.A., Muscalu A., Pruteanu A., Marin E., Usenko M. – *Considerations on the importance of the paulownia trees planting*, International Simposyium ISB-INMA TEH' 2015, Agricultural and Mechanical Engineering, ISSN 2068 – 2239, pag. 325 – 334, [http://isb.pub.ro/isbinmateh/2015/Volume\\_Symposium\\_2015.pdf](http://isb.pub.ro/isbinmateh/2015/Volume_Symposium_2015.pdf);
3. Sorică C., Voicea I., Sorică E., Nițu M., Cujbescu D., Kabaș O., Matei Gh., Vlăduț V., Epure M., **Grigore I.** - *Aspects regarding the conditioning of horticultural products in fresh state*, Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series, 2014, ISSN 1841-8317, ISSN CD-ROM 2066-950X, pag. 203 – 211, <http://anale.agro-craiova.ro/>;

**National patent notifications:**

1. Installation for the decontamination of the exterior surfaces of the horticultural products, Authors: Sorică Cristian Marian, Pirna Ion, **Grigore Ion**, Sorica Elena, Paunescu Dan Dorian, Patent notification no. A-01028/30.12.2014;

**List of research grants or testing technical services, as colaborator:**

1. Programme NUCLEU / Project title: Innovative technology for conditioning the horticultural products intended for fresh consumption, 2014;
2. Programme ADER 2020 / Project title: ADER 3.1.1. Mechanization technology and technical equipment for the conditioning and calibration of apples, intended for semi-subsistence farms, 2011 - 2014;
3. Programme ADER 2020 / Project title: ADER 7.3.6.: Mechanization technologies and technical equipment suitable for the harvesting, transportation and efficient storage of forage, 2011 - 2014;
4. Programme POS CCE / Project title: Increasing competitiveness of MAT Craiova by assimilating a multifunctional aggregate for soil working in agricultural exploitations, 2010 – 2012;
5. Programme INOVARE / Project title: Innovative multifunctional self propelled machine with working equipment for works in small agricultural farms – UAMFA, 2013 – 2015;
6. Technical services of testing and experimentation in the field (in the field conditions) and in simulated and accelerated regime, in laboratory, of an experimental model and a prototype of vibrocombinator, beneficiary: The Association Sviluppo Insieme si Vince.