

Name SURNAME: Carmen SIRBU		Photo
Function:	Scientific Researcher 2 nd degree and head of the Laboratory for agro-chemistry and plant nutrition , INCDSSAE - ICPA Bucharest, Romania	
Institution:	National Research and Development Institute for Soil Science, Agrochemistry and Environment – ICPA Bucharest, Romania, www.icpa.ro <input type="checkbox"/> UEFISCDI <input type="checkbox"/> Simona Stoian	
Email:	carmene.sirbu@yahoo.ro	
Phone:	(0040)722691314	
Division	Research Department for Soil Science, Agrochemistry and Environment	
Areas of Expertise:		
<p>Chemist with PhD in agronomy - Design and test new fertilizers and amendments; Assessment of the fertilizers compliance for distribution on the domestic market; Coordination of the National Chemical Fertilizers Testing Network for agricultural use authorization, complying with legislation; Collaboration with the Ministry of Agriculture and Rural Development for designing and implementing the national and European legal frame of the chemical fertilizers use and testing methods; Development of new fertilizing products, design fertilization technologies and assess the soil-agrochemical dynamic under various land management options and sustainable fertilization management; Deliverance of specialized technical assistance; Validation of technological processes for obtaining fertilizers in plant; Physical and chemical analysis for samples of fertilizers, plants and soil; Development of various fertilization techniques applied in conventional agriculture as well as in organic farming; Optimize the soil fertility level and soil mineral nutritional status by adequate fertilization and amendment; Development of unconventional fertilizing methods to avoid chemical compounds dissipation in the environment.</p>		
Short Description of your Institution:		
<p>National Research and Development Institute for Soil Science, Agro-chemistry and Environment Protection - ICPA Bucharest, is the Romanian leading centre for research in the study of soil science and soil protection. ICPA role is to promote basic research and applied strategic, long-term surveillance and monitoring of soil and agrochemical fields. This mission requires a high quality contribution for the development of knowledge in the soil and the environmental domain. The researchers and engineers of this institution are providing specialized services, thereby increasing the economic competitiveness in Romania, and improving quality of life. Specialists from RISSA will conduct experimental studies, mainly biological screening in field and vegetation conditions of the developed formulations and select the viable agrochemicals/ product designs, followed by preparation of the authorization documentation. The research infrastructure consists of: (I) Fertilizers quality control and testing laboratory (accredited by RENAR), notified to Brussels as a reference laboratory for Romania in the field of fertilizers. (https://erris.gov.ro/Laboratory-for-fertilizers-q); (II) Fertilizers agro-chemical testing for authorization issuing / Laboratory for agro-chemistry and plant nutrition (https://erris.gov.ro/Fertilizers-agro-chemical-te); (III) Soil analyses - Laboratory of physical and chemical analyses for soil science, agro-chemistry and environment (https://erris.gov.ro/Soil-analyses---Laboratory-o); (IV) Plant analyses - Laboratory of physical and chemical analyses for soil science, agro-chemistry and environment (https://erris.gov.ro/Plant-analyses---Laboratory-); (V) Waste analyses - Laboratory of physical and chemical analyses for soil science, agro-chemistry and environment (https://erris.gov.ro/Waste-analyses---Laboratory-); (VI) National Fertilizers Testing Network for agriculture use, coordinated by RISSA according to 6/2004 Interministerial Order regarding fertilizers authorization and use in agriculture.</p>		
Role in the project:		
Principal Investigator from behalf of INCDSSAE - ICPA Bucharest, Romania - Partner 2 of "ProWspers" Project		

Date, 07.03.2017