Poster Number	Sub-session	Name	Surname	Poster Title
140	s311	Pasuquin	Estela	Are inherent plant traits the key to responses to stresses from climate change?
141	s311	Jorquera Fontena	Emilio Jose	Carbohydrate requirements for blueberry (Vaccinium corymbosum L.) fruits growth
142	s311	Zamir	Shahid	Comparative performance of various wheat (Triticum aestivum L.) cultivares to different tillage practices under tropical condition
143	s311	Maddah Hoseini	Shahab	Ear photosynthesis and transpiration of barley have great impact on sink size
144	s311	Fayaud	Benoit	Early growth : a key step to be predicted in mixed crop systems
145	s311	Orrego	Raul	Effect of climate change Vitis Vinifera frost-damage on Southern Chile
146	s311	Angulo Vilacis	Carlos	Effect of elevated atmospheric [CO2] on winter wheatyield in the state of North-Rhine Westfalia (Germany)
147	s311	Manderscheid	Remy	Effect of free air carbon dioxide enrichment and nitrogen supply on leaf growth and yield of sugar beet
148	s311	Girousse	Christine	Effect of timing of heat shocks during wheat grain development on endosperm dimensions and cell number: final grain dry mass can be uncorrelated with cell number
149	s311	Hans-Joachim	Weigel	Free air CO2 enrichment and low N supply affect quality characteristics and elemental composition of wheat and barley grains
150	s311	Hans-Joachim	Weigel	Free air CO2 enrichment mitigates drought stress effects on maize
151	s311	Damour	Gaelle	Functional traits of the root system: a tool to select cover-crops.
152	s311	Staniak	Mariola	Influence of root excretions of cereal seedlings on germination of leguminous crop seeds
153	s311	Bláha	Ladislav	Influence of the seed traits, genotype and locality on the traits of the root system
154	s311	Tokatlidis	Ioannis	Intra-cultivar selection at ultra-low density upgrades cultivar's performance
155	s311	Manderscheid	Remy	Investigation of canopy development and biomass production of different sorghum-genotypes as compared to maize
156	s311	Vyn	Tony	Maize Plant-to-Plant Competition in Low and High Stress Environments: Implications for Stress Tolerance Improvement
157	s311	Baragz	Adnane	Phosphorus and nitrogen use efficiency of common bean (Phaseolus vulgaris) genotypes grown under different soil phosphorus levels in the Haouz area of Morocco
158	s311	Baccar	Rim	Plasticity of wheat architecture in response to sowing date and plant population density described with the 3D plant model ADEL wheat
159	s311	Fauquet-Alekhine-Pavlovskaya	Elena	Reaction of different winter triticale varieties on application of retardant.
160	s311	Gonzalez-Dugo	Victoria	Responses of Clementine to Sustained Deficit Irrigation
161	s311	Yasari	Esmaeil	Soybean response to leaf and flower elimination at delayed cropping

162	s311	Roy	Jacques	The European Montpellier Ecotron: a new experimental infrastructure to conduct international research programs in ecology and agronomy
163	s311	Mirleau-Thebaud	Virginie	Tillage impact on Sunflower vegetative growth a case study
164	s311	Modarres Sanavy	Seyed Ali Mohammad	UV Radiation, Elevated CO2 and Water Stress Effect on Growth and Photosynthetic Characteristics in Durum Wheat
165	s311	Rykaczewska	Krystyna	Yield and seed value of potato minitubers produced in hydroponics
166	s312	Desanlis	Myriam	A preliminary model of the effects of cultural practices on the incidence of and damage caused by Phomopsis stem canker on sunflower
167	s312	Fournier	Christian	Does the complexity of a plant-pathogen model influence the identification of infection-cycle steps that are decisive for epidemics?
168	s312	Ben Slimane	Rym	Impact of septoria disease on apical senescence in wheat
169	s312	Mukhtar	Irum	Influence of Trichoderma species on seed germination in Soya bean
170	S312	Samuel	Nibouche	The DELICAS project: Model assisted phenotyping in sugarcane for the identification of marker-trait associations.
171	s312	Caubel	Julie	Typology of pathogen fungi according to their responses to the main environmental factors in a Climate-Plant-Soil system
172	s312	Bingham	Ian	Variation in the response of spring barley genotypes to leaf damage
173	s313	Garcia de Cortazar-Atauri	Iñaki	A curvilinear process-based phenological model to study impacts of climatic change on grapevine (Vitis vinifera L.)
174	s313	Duensing	Ria	Assessing of canopy structure of sorghum
175	s313	Asch	Folkard	Coating seeds with hydro-absorber as a possible mitigation strategy for unreliable rainfall patterns for early-sown sorghum
176	s313	Tokatlidis	Loannis	Correlation performance in space planted vs optimum density conditions
177	s313	Raeini	Mahmoud	Detecting plant physiological responses to water stress using stable carbon isotopes
178	s313	Ikenaga	Sachiko	Difference in hardness index and grain weight of Japanese pearled barley with grain position on panicle
179	s313	Combres	Jean Claude	ECOPALM. A model to understand the complex phenology of mature oil palm
180	s313	Haling	Rebecca	Effect of soil acidity and hardness on root length and morphology in perennial pasture species
181	s313	Guillén Climent	Maria Luz	Estimation of radiation interception in row-structured vineyard canopies using discrete radiative transfer models
182	s313	Martiné	Jean-François	Exploring the Feasability of Sugarcane Phenotyping using Crop Models with contrasted climatic conditions in Reunion Island.
183	s313	Teixeira	Edmar	Flowering time of seedling and regrowth lucerne (Medicago sativa L.) crops
184	s313	He	Jianqiang	Global Sensitivity Analysis and Calibration of the SiriusQuality1 Wheat Simulation Model
185	s313	Michalska-Klimczak	Beata	Growth analysis of midearly potato plant morphotypes fertilized with various nitrogen fertilizers in Chernobyl Breakdown Region
186	S313	Dürr	Caroline	Hiightroughput phenotyping of seeds from dry State to young seedlings
187	s313	Brueck	Holger	Leaf age effects on intrinsic water-use efficiency of Jatropha curcas
188	s313	Archontoulis	Sotiris	Maize and Sorghum Biomass and Protein Accumulation Under Adequate and Limited Supply of Water and Nitrogen in Greece

189	s313	Soltani	Elias	Modeling Seed Aging Effects on the Response of Germination to Temperature in Wheat
190	s313	Luquet	Delphine	Modelling plant morphogenesis and source-sink processes to support crop performance phenotyping: Application of Ecomeristem model to sugar cane
191	s313	Golba	Jan	Multivariate diversity of Polish winter wheat cultivars for grain yield and quality traits
192	s313	ALAKAMA	Nora	Nodulation diagnosis of common bean at flowering stage in Tizi Ouzou area of Algeria
193	s313	Greveniotis	Vasileios	Population density and row spacing effects on yield and morphological characteristics of maize
194	s313	Zatta	Alessandro	Root shape characterization in two sorghum genotypes
195	s313	Greveniotis	Vasileios	Selection at ultra-low plant density for high yield and stability favours additive gene action in maize
196	s313	Iwańska	Marzena	Statistical measures of wide adaptation degree of cultivars: a concept and a case study for winter wheat
197	s313	Giunta	Francesco	The difference in intrinsic water use efficiency between durum wheat and triticale genotypes is determined by the different stomatal conductance.
198	s313	Galeshi	Serolla	The Effect of Seed Aging on the Seedling Growth as Affected by Environmental Factors in Wheat
199	s313	Dürr	Caroline	Tools for diagnosis evalution on X-ray images for high-throughput phenotyping of seeds
200	s313	Mądry	Wiesław	Typology of grain yield formation patterns by yield components in winter wheat cultivars grown across Polish environments
201	s313	Hassibi	Payman	Using chlorophyll fluorescence to screening of rice (Oryza sativa L.) genotypes
202	s313	Michalska-Klimczak	Beata	Variability of sugar beet final root mass in plant groups at the same phase of juvenile period
203	s313	Clerget	Benoit	Why do photoperiod-sensitivity and long crop duration penalize panicle sink size and therefore yield potential in tropical sorghum?
204	s313	Moot	Derrick	Yield and N concentration of 'stay-green' maize hybrids under different N fertilizer regimes
351	S 313	Ghobadi	Mohammad-Eghbal	Effects of waterlogging stress on grain set of winter wheat cultivars*
205	s321	Marrou	Hélène	Contribution of high-measuring throughput technologies to the comprehension of environmental factors involved in grapevine trunk diseases expression
206	s321	Jamont	Marie	How to combine N supply and biological control at the same time in lower input systems
207	s321	Turka	Inara	Monitoring of Brassica pod midge Dasyneura [Dasineura] brassicae (Winnertz) on winter oilseed rape in Latvia
208	s321	Barilli	Eleonora	Response of weed communities to alfalfa living mulches in winter wheat
209	s321	BAVEC	Martina	Sensory evaluation of sauerkraut from organic, integrated and conventional production systems
210	s321	Debeake	Philippe	Simple models to predict the incidence of premature ripening caused by Phoma macdonaldii as a function of sunflower crop management
211	s321	Li Frank	Yonghong	Simulating species composition dynamics in ryegrass/clover pastures
212	s321	Manici	Luisa M.	Simulation of crop infection of two economically important potato soil borne pathogens under differing spring weather conditions of the southern Europe
213	s321	Winkler	Jan	The impact of cereal concentration in crop rotation on weed spectrum in spring barley
214	s321	Vach	Milan	The influence of biofungicides on the occurence of fungal diseases of winter wheat cultivated under different soil tillage

215	s321	Peigné	Joséphine	Weeds and crop yields under conservation tillage in organic farming
216	s321	Bankina	Biruta	Winter barley diseases control in integrated plant protection system
217	s322	Almeida	Adriana	Alfalfa, mung and azuki bean sprouts production and chemical characterization
218	s322	Almeida	Adriana	Application of biostimulant in common bean
219	s322	Monaco	Stefano	Application of DAISY model in the Northern Italy plain for predicting the effect of different fertilization strategies on nutrient cycles
220	s322	Palumbo	Domenico	Artichoke Water Requirements in Southern Italy
221	s322	Raeini	Mahmoud	Canola yield responses to sowing date in northern Iran
222	s322	Casa	Raffaele	Carbon balance of conventional and no-tillage rapeseed in Central Italy
223	s322	Hammami	Rahma	Characterization of soybean development, radiation and water uses efficiencies under Tunisian conditions
224	s322	Valet	Serge	Chiselling or ploughing face to the climatic change in the Sudan Sahélien zone?Millet yield and AET prediction
225	s322	Marrou	Hélène	Combining solar photo-voltaic panels and food crops for optimising land use: towards new agri-voltaic schemes
226	s322	Rocca	Alvaro	Comparison of organic, low-input and conventional agriculture sustainability through simulation
227	s322	Wyszynski	Zdzislaw	Crop productivity indices and yielding of Miscanthus cultivated on soils without fertilization since 1923
228	s322	Shili-Touzi	Inès	Does intercropping winter wheat (Triticum aestivum. L) with lucerne (Medicago sativa. L) improve nitrogen resource utilization?
229	s322	Kato	Yoichiro	Ecophysiological determinants of grain number in rice grown under water-saving management
230	s322	Maturano	Marisa	Effect of different N fertilization management on grain yield oil content of Winter Oilseed Rape (BRASSICA NAPUS. L)
231	s322	Prochazkova	Blanka	Effect of different soil tillage on yields of sugar beet
232	s322	Gabriel	Jose Luis	Effect of introducing cover crops in a maize cropping system: plant partitioning and N-fertilizer use efficiency
233	s322	BAVEC	Martina	Effect of nitrogen fertilizing on marketable yield of onions after storage
234	S322	Koch	Heinz-Josef	Effects of crop management on yield and winter hardiness of bolting winter beets cultivated for anaerobic digestion

235	s322	Staniak	Mariola	Estimation of yielding of legume-cereal mixtures on seeds cultivated in organic farming
236	s322	Lizaso	Jon I.	Evaluating CERES and IXIM, the Maize Simulation Models in DSSAT v4.5, under Irrigated Mediterranean Conditions
237	s322	Raccuia Salvatore	Antonino	Evaluation of wild cardoon (Cynara cardunculus L. var. sylvestris Lam.) for biomass, roots and inulin yields in a low input perennial cultivation system
238	s322	Koutroubas	Spyridon	Growth, nitrogen uptake and translocation for wheat grown in soils amended with farmyard manure and sewage sludge
239	s322	Koutroubas	Spyridon	Growth, seed yield and nutrient accumulation in spring sown chickpea as influenced by planting date
240	s322	Stratonovitch	Pierre	Impact of climate change on black grass competitiveness in arable UK fields.
241	s322	DENOROY	Pascal	Improving crop response diagnosis to soil phosphorus supply
242	s322	Celette	Florian	Incidence of soil N fertility on the performance of organic forage legume-wheat mixtures
243	s322	Yasari	Esmaeil	Influence of biofertilizers and mineral nutrients on Canola (Brassica napus L.) seed yield and fortification
244	s322	Ventrella	Domenico	Irrigation deficit and saline water influence on tomato grown in a Mediterranean environment
245	s322	Moore	Andrew	Managing to increase soil carbon in southern Australian cropping systems: what are the interactions with water-use efficiency?
246	s322	Flénet	Francis	Meat flours and composted poultry slurry applied in summer on winter oilseed rape can efficiently reduce the need for mineral N fertilizer in spring
247	s322	Doltra	Jordi	Modelling catch crops effects on the nitrogen dynamics in organic farming
248	s322	Pecio	Alicja	Modern approach to evaluation of plant nitrogen nutrition status
249	s322	Sissoko	Fagaye	Mulch cover does reduce runoff in cotton fields in West African cotton fields, but does not improve cotton yields
250	s322	Antoniadis	Vasileios	Nitrogen efficiency and availability to wheat in biosolids- and inorganic fertilizer-applied soil
251	s322	Ruza	Antons	Nitrogen fertilizer utilization in winter wheat sowings
252	s322	Zanetti	Federica	Nitrogen nutrition in various Oilseed rape cultivars
253	s322	Moot	Derrick	Nitrogen yields from sown pasture components in cocksfoot based pastures in a temperate environment
254	s322	Jeuffroy	Marie-Hélène	Nitrous oxide emissions from pea in comparison with other crops in field conditions

255	s322	Topp	Kairsty	Nitrous Oxide Emissions: the Timing of Fertiliser Applications in Relation to Rainfall Events
256	s322	Rykaczewska	Krystyna	Potato Plant Development in Summer–Autumn Growing Period in the Context of Climate Change
257	s322	Almeida	Adriana	Production of irrigated wheat submitted to different nitrogen doses
258	s322	le Maire	Guerric	Relationships between LAI and agronomy in coffee agroforestry systems of Costa Rica
259	s322	Shalaby	E.Essam	Salt tolerance of sugarbeet as infuenced by chemical and organic fertilizers
260	s322	Villalobos	Francisco	Seasonal changes in the transpiration coefficient of peach trees
261	s322	Politeo	Marco	The effects of soil salinity on maize and soybean yield
262	s322	pistocchi	chiara	The irrigation water consumption in the lake of Massaciuccoli catchment
263	s322	Dymerska	Aneta	The yielding of a fodder variety of pea (Pisum sativum L.) depending on the meteorological factors in the north-west of Poland
264	s322	Martín Lammerding	Diana	Tillage practices and their influence on soil nutrients contents
265	s322	Khaledian	Mohammad Reza	Using PILOTE model to determine water use efficiency of direct seeding into mulch compared with conventional tillage
266	s322	Bodner	Gernot	Using the CropSyst model to analyse the importance of hydraulic property changes vs. crop residue effects on the soil water content under different tillage systems
267	s322	Passoni	Matteo	Water conservation and quality under continuous water table control by a combination of controlled drainage and subirrigation in NE Italy
268	s322	Grabowska	Krystyna	Weather conditions and their effect on yield of yellow lupin (Lupinus luteus L.) in the north-west of Poland
269	s322	Lubomir	Neudert	What agronomic factors do influence quality of malting barley in dry areas?
270	s322	Mrabet	Rachid	Wheat yield stability under contrasting soil management strategies in semiarid Morocco
271	s322	Ventrella	Domenico	Yield and quality of emmer grown under conservative management practices in Southern Italy
272	s322	Antoniadis	Vasileios	Zeolite effects on nitrogen dynamics and availability to ryegrass in acidic and limed soil
273	s323	Metay	Aurélie	[Conceptual modeling to assess the relationships between water –and nitrogen availability and vegetative development in a multispecies cropping system]
274	s323	Talbot	Gregoire	Assessing the importance of phenological lags between trees and crops in temperate agroforestry systems with a process-based interaction model

275	s323	Celette	Florian	Associating wheat crop and undersown forage legumes in organic agriculture: Incidence of forage legumes species
276	s323	Rosenmund	Alexandra Stella	BECRA: a research project on climate change and adaptation
277	s323	Javurek	Miloslav	Changes of some soil properties due to long-term conservation technologies use
278	s323	Lamanda	Nathalie	Conceptual modelling of the structure-function-services dynamics of tropical agroforests
279	s323	Valantin-Morison	Muriel	Design integrated crop management of Winter OilSeed Rape (WOSR) and assess their sustainability in France
280	s323	Adam	Myriam	Developing new crop models within a flexible crop modelling framework: Use of crop physiological knowledge to change a wheat model into a pea model
281	s323	Lô-Pelzer	Elise	DEXiPM, a model for qualitative multi-criteria assessment of the sustainability of innovative cropping systems based on integrated crop management
282	s323	Tarsitano	Davide	Evaluation cropping system model for Winter Barley
283	s323	AVELINE	Anne	How can farms be assisted when adapting to low-input management of their cropping systems?
284	s323	Lesur	Claire	Integrated environmental, energetic and economic assessment of cropping systems including lignocellulosic crops: a case study based on modelling and expert knowledge
285	s323	Rapidel	Bruno	Is there a life out of models for cropping systems designers?
286	s323	Watson	Christine	Long-term rotational experiments – pointers for future experimental design
287	s323	Lay	Daphné	Multifactor evaluation of integrated cropping systems
288	s323	PLENET	Daniel	OptiPeach, a prototype of cropping system for peach orchards
289	s323	Guichard	Laurence	PERSYST, a cropping system model based on local expert knowledge
290	s323	Bergez	Jacques-Eric	Sensitivity analysis of DEXi type models applied to design cropping systems
291	s323	Jagoret	Patrick	Transforming savannah into cocoa agroforests: analysis of a local innovation by farmers in central Cameroon
292	s331	Merot	Anne	A hierachical analysis of the interactions between the biophysical and technical components to design Multifunctional Cropping System
293	s331	Martin	Pierre	Assembly modalities in agronomic software platforms and consequences for re-use
294	s331	Gerbaud	Alain	Design of a database for heterogeneous and evolving farm survey data
295	s331	PARE	Nakié	From Integrated Pest Management to integrated resources management : a need to improve the coherence of cultural practices at the field scale
296	s331	Mahmood	Faisal	Impact assessment of the introduction of grain legumes in cereal-based cropping systems in the Midi-Pyrénées region (France) using the modelling chain: APES-FSSIM-Indicators
297	s331	Harzer	Niels	Multifunctional sustainability assessment on the farm level
298	s331	Bienkowski	Jerzy	Nitrogen balances in farms of wiskoc catchment in Poland
299	s331	Bojarszczuk	Jolanta	Organization of crop and animal production in dairy farms localized in three chosen region of Lubelskie voivodeship

300	S331	Smits	Nathalie	Pest management in temperate agroforestry systems, the need for more studies.
301	s331	Dury	Jerome	The cropping plan decision-making in crop farms
302	S331	García-Vila	Margarita	Using AquaCrop to optimize gross margins at the farm scale under water scarcity
303	S332	Rocca	Alvaro	A procedure for the identification of land sites suitable for apiculture
304	s332	Abdalla	Mahmoud	Alleviation of the Potential Impact of Climate Change on Wheat Productivity using Arginine under Irrigated Egyptian Agriculture
305	s332	Hossard	Laure	Combining participative design of oilseed crop management and a spatially explicit model to ensure varietal resistance durability to phoma stem canker
306	s332	Verdoodt	Ann	Dynamic model-assisted evaluation of agricultural land suitability and land degradation under climate change
307	s332	Alaphilippe	Aude	Environmental risk assessment of plant protection scenarios at a landscape scale in the Rhone Valley with the GIS-based indicator SYNOPS
308	s332	MEROT	Anne	Farming system management and landscape changes at various scales: A farming system agronomist's review based on data-mining by experts
309	s332	PARE	Nakié	From the boundary to the heart: a methodological approach applied in a Mediterranean wine-growing catchment to improve farmers' decision-making integration in agroecosystem models
310	s332	Jankowiak	Janusz	Management of nitrogen emission in farms within the vulnerable zone in the selected polish commune
311	S333	EL Jarroudi	Moussa	A Simplified approach for wheat yield estimates based on metrics derived from green area indexdecreasing curves
312	S333	Kedziora	Andrzej	Agricultural systems and their impact on envirnment in Poland
313	S333	Debolini	Marta	Assessing cropping system changes in Mediterranean environments. A case study in the Grosseto Province (Tuscany, Italy)
314	S333	Kren	Jan	Assessment of the trend in structure changes in crops grown in the Czech Republic
315	S333	Razakavololo	Na Ando	Changes in agricultural practices in response to climatic and demographic changes in the rice basin of Lake Alaotra, Madagascar
316	S333	Dragańska	Ewa	Characterisation of the agriclimate of north-eastern Poland in light of a selected climate change scenario
317	S333	Schaap	Ben	Climate change adaptation in agriculture; the use of multi-scale modelling and stakeholder participation in the Netherlands
318	S333	van Bussel	Lenny	Climate-driven simulation of global crop sowing dates
319	S333	Landeras	Gorka	Evaluation of the utility of irrigation advices based on economic optimization schemes under water availability constraints in the Basque country (northern Spain).
320	S333	Donatelli	Marcello	Extending a local-scale daily weather scenario database for Europe
321	S333	Bondeau	Alberte	Impact of policy, climate, land use, and population density on fire related greenhouse gas emissions from global agriculture
322	S333	Barbaro	Marco	Land evaluation of cropping suitability for Gentian at regional level
323	S333	Schaller	Noemie	Modelling regional land use: articulating the farm and the regional levels by combining farmers' decision rules and regional stochastic regularities
324	S333	Nendel	Claas	MONICA – Modelling effects of climate change on crop production and environment within an interactive knowledge platform

325	S333	Kalimuthu	Senthilkumar	Phosphorus flows and balances at country scale: a case study for France
326	S333	Strašil	Zdeněk	Preliminary zoning of agricultural land for reed canary grass (Phalaris arundinacea L.) for the Czech Republic.
327	S333	Maiorano	Andrea	Project MIMYCS: a simulation model system for simulating mycotoxin contamination in maize grain in Europe
328	S333	Bergez	Jacques-Eric	RECORD: an integrated framework to build, evaluate and simulate cropping systems
329	S333	Khan Mobushir	Riaz	Remote sensing and GIS based analysis for mapping agronomic land use
330	S333	Vitali	Giuliano	Simulate plants: a client-server graphic approach
331	S333	van Bussel	Lenny	Simulating Photoperiodic Sensitivity of Wheat at Global Scale
332	S333	Mahfouz	Claude	Strategy and dynamics of cropping systems in Mediterranean situation leading to a sustainable management of water resources (the case of West Bekaa-Lebanon)