

**Sub Sessions-S211- S212- S213- S221-S222-223- S231- S232- S233-  
S311- S312- S313**

Poster N°	Sub-session	Name	Surname	Poster Title
1	s211	Mapelli	Sergio	Agronomic and biochemical evaluation of <i>Camelina sativa</i> (L.) Crantz as an alternative oilseed plant for biofuel production in North Italy
2	s211	Papatheohari	Y.	Cultivation of four sunflower hybrids ( <i>Helianthus annuus</i> L.) for biodiesel production in Greece: Growth and Yields
3	s211	Rahemi-Karizaki	Ali	Economy of nitrogen wheat cultivars in Iran
4	s211	Ventrella	Domenico	Genetic adaptation strategies for climate change for durum wheat and tomato under Mediterranean conditions
5	s211	Radanielson	Ando Mariot	Genotypic parameters of SUNFLO model: potential use for sunflower breeding programs
6	s211	Brunel-Muguet	Sophie	How does early leaf reduction impact on development of adaptation strategies to low phosphorus availability in <i>Zea Mays</i> L.?
7	s211	Vanasse	Anne	Sweet pearl millet: a new bioenergy crop for eastern Canada
8	s211	Michalska	Bożena	The tendencies of air temperature changes in Poland
9	s211	Koźmiński	Czesław	Variability of the number of cool, comfort, hot days very hot days in Poland
10	s212	Audebert	Alain	A cardinal temperature-based phenotyping method for Rice
11	s212	Bancal	Pierre	A general cultivar tolerance to stresses and its modeling in the case of wheat affected by STB ( <i>Septoria tritici</i> )
12	s212	Abichou	mariem	A simplified measurement to obtain data for the architectural plant model ADEL Wheat to simulate the development of winter wheat in 3D
13	s212	Stražil	Zdeněk	Analysis of agricultural important characters of iberian dragonhead – alternative oil crop.
14	s212	Vamerali	Teofilo	Characterisation of soybean hilum colour in relation to seed isoflavone concentration
15	s212	Dordas	Christos	Chlorophyll measurements and Nitrogen Nutrition Index for the evaluation of Nitrogen status in <i>Oregano</i> ( <i>Origanum vulgare</i> subsp. <i>hirtum</i> )
16	s212	Allard	Vincent	Differentiation of temperature and vernalization effects on bread wheats differing for their allelic composition at the <i>Vrn-1</i> locus
17	s212	Luquet	Delphine	Functional analysis of sugar accumulation in sorghum stems and its competition with grain filling among contrasted genotypes
18	s212	Richter	Goetz	Identifying key process parameters in a sink-source interaction model for energy crops
19	s212	Sahagun-Castellanos	Jaime	Inbreeding coefficient in stratified sampling of Maize genetic resources

<b>20</b>	s212	Hae Koo	KIM	Investigation of xylem structure-function relationship in herbaceous crops
<b>21</b>	s212	Cerasuolo	Vincent	Numerical and analytical study to estimate leaf distribution on the radiation interception in willow crops
<b>22</b>	s212	Drevon	Jean-Jacques	Participatory assessment of N and P bio-geochemical cycles in legume rhizosphere with recombinant inbred lines of common-bean contrasting in phosphorus use efficiency for nitrogen fixation
<b>23</b>	s212	Chalavi	Vida	Transient expression for transgene analyses and production of bacterial enzymes in plants
<b>24</b>	s213	Strullu	Loïc	Biomass and nitrogen accumulation in <i>Miscanthus x giganteus</i> aerial and below-ground parts: effect of harvest date and N fertilisation
<b>25</b>	s213	Rodrguez-Perez	Juan-Enrique	Comparison between phenotypic stability indices of grain yield for wheat ( <i>Triticum aestivum</i> L.)
<b>26</b>	s213	Raccuia Salvatore	Antonino	<i>Cynara cardunculus</i> L.: effect of genotype and plant density on biomass, grain and oil yields in a marginal area of Sicily
<b>27</b>	s213	Chalavi	Vida	Enhanced growth in transgenic strawberry plants
<b>28</b>	s213	Michele	Rinaldi	Evaluation of Oil Flaxseed ( <i>Linum usitatissimum</i> L.) Cultivar in Two Sowing Times and Two Locations of Southern Italy
<b>29</b>	s213	Abdulai Alhassan	Lansah	Growth Analysis of Biomass Production by Diverse Sorghum Genotypes Under Different Scenarios of Climate
<b>30</b>	s213	Momcilovic	Vojislava	Phenology and grain yield relationships in winter barley
<b>31</b>	s213	Momcilovic	Vojislava	Quality of winter malting barley in southeastern Europe
<b>32</b>	s213	Žuk-Gólaszewska	Krystyna	The effect of nitrogen fertilization rate on the quality of spring barley grain
<b>33</b>	s213	Zanetti	Federica	Variability of fatty acid accumulation in various hear genotypes

<b>34</b>	s221	Oro	Zokou-Franck	Dynamics of Cocoa Swollen Shoot Virus disease in Togo from satellite images and field observations at regional and local levels
<b>35</b>	s221	Bockstaller	Christian	Effects of management on plant diversity of sown field margins
<b>36</b>	s221	Rusch	Adrien	Natural pest control in agroecosystems: effect of crop management and landscape context.
<b>37</b>	s221	Le Bellec	Fabrice	Phytoseiid mites (Acari) are bio-indicators of agricultural practice impact on the agroecosystem functioning
<b>38</b>	s221	Valet	Serge	Principal ecological services from the association multistratified networked cultures:a chance against climatic change and globalisation.
<b>39</b>	s221	Rakotonindrai	NA Toky	SIPPOM-Potato Late Blight: modelling the effects of spatially distributed cropping systems on the epidemics of potato late blight and on the durability of cultivar resistances

<b>40</b>	s222	Abdelhamid	Magdi	Biofertilizer and ascorbic acid alleviated the detrimental effects of soil salinity on growth and yield of soybean
<b>41</b>	s222	Cavalieri	Andrea	Determination of clay content from hyperspectral remote sensing in the context of soil workability assessment

42	s222	Cervinka	Jan	Determination of penetration resistance during different kinds of soil cultivation
43	s222	Akhtar	IQBAL	Diversity of crop residue mulches in Conservation Agriculture and their role in water retention
44	s222	De Oliveira	Tatiana	Earthworm community structure in organic fields in North-Western France
45	s222	Khalesro	Shiva	Effect of bio and organic fertilizers and natural zeolite on quantitative and qualitative yield of Anise ( <i>Pimpinella anisum</i> L.)
46	s222	Prochazka	Jaromir	Effect of Catch Crops on Oxidable Soil Carbon Content
47	s222	Moussadek	Rachid	Effect of conservation agriculture on hydrodynamic properties of a Mediterranean Vertisol
48	s222	Javurek	Miloslav	Effect of cover crops in conservation soil tillage systems
49	s222	Badalíková	Barbora	Effect of different application of compost from biologically degradable waste on soil infiltration
50	s222	Arrobas	Margarida	Effect of sampling date on chemical indices of the mineralizable nitrogen in soil
51	s222	Aslan Attar	Hesham	Effect of the nitrogen fixation on the bio availability of Phosphorus in some type of soils under fertigation system of <i>Phasoulas vulgaris</i> .
52	s222	Mosquera	Rosa	Effects of anaerobic, composted and pelletised sludge on soil P saturation ratio in a silvopastoral system with <i>Fraxinus excelsior</i> L.
53	s222	Drevon	Jean-Jacques	Efficiency in utilization of phosphorus for symbiotic nitrogen fixation affects the phosphorus bio-availability in organic-horticulture soils of Hérault valley
54	s222	Neugschwandtner	Reinhard	Enhanced Cu and Zn phytoextraction from a contaminated agricultural soil using different EDTA application regimes and <i>Zea mays</i>
55	s222	Vamerali	Teofilo	Feasibility of root metal stabilisation with a tap-rooted plant model: <i>Brassica napus</i> var. <i>oleifera</i> Metzg.
56	s222	Josic	Dragana	Indigenous rhizobacterial isolates able to produced siderophores
57	s222	Josic	Dragana	Indigenous serbian rhizobacteria as a source of antifungal substances production
58	s222	Mühlbachova	Gabriela	Influence of EDTA and alfalfa amendment on the mobility of heavy metals and microbial biomass in long-term contaminated soils
59	s222	Saj	Stephane	Level of P-input and intercropping affect soil nematode community patterns at the field scale
60	s222	Mosquera	Rosa	Liming and organic fertilizer effects on tree–pasture relationship development reforested <i>Pinus radiata</i> D. Don plantation
61	s222	Rusinamhodzi	Leonard	Long-term effects of conservation agriculture practices on maize yields under rain-fed conditions
62	s222	Tavarini	Silvia	Long-term influence of Ramie [ <i>Boehmeria nivea</i> (L.) Gaud.] cultivation on soil chemical properties under Mediterranean conditions
63	s222	Seleiman	Mahmoud	Maize and White Lupin as Bioenergy Crops Grown in Soil Amended with Sewage Sludge

64	s222	Almeida	Adriana	Mode of action of a biostimulant in root growth and nutrient content of common bean
65	s222	Rodrigues	Manuel	Optimising the time of incubation of an anion exchange membrane inserted into the soil to use in studies of monitoring soil nitrate levels
66	s222	Tabarant	Perrine	Organic amendments control banana plant-parasitic nematodes: effects of organic matter quality on nematode communities
67	s222	Drevon	Jean-Jacques	Phosphorus use efficiency of <i>Vigna subterranea</i> in the ferralsol of the Malagasy highland.
68	s222	Milani	Mirco	Production and energy transformation of herbaceous biomasses irrigated with treated wastewater in different mediterranean environments
69	s222	Kunzová	Eva	Risk elements in the soil-Base for critical Laods calculation
70	s222	Razafimbelo	Tantely	Short term dynamics of soil organic carbon in no-tillage systems (Antsirabe, Madagascar)
71	s222	Raboin Ls	Marie	Short term response of rainfed crops to charcoal addition in a Ferralitic soil of Madagascar Highlands
72	s222	Mosquera	Rosa	Silvopastoral systems with <i>Pinus radiata</i> D. Don and <i>Betula alba</i> L. establishment on abandoned land (NW of Spain): change in soil and biodiversity
73	s222	Pulleman	Mirjam	Soil and crop performance in conventional and no-till systems in Western Kenya; the role of termites
74	s222	Daryaei	Faezeh	Soil biochemical response to different fertilizing systems by using green manure and zeononix
75	s222	Ndour	Yacine	Soil chemical properties, microbial activity and community structure in response to <i>Jatropha curcas</i> cultivation in semi-arid region (Senegal)
76	s222	Manici	Luisa M.	Soil microbial diversity as indicator for agro-eco systems producing high quality products. Case study: typical cerry production in Italy
77	s222	Lukas	Vojtech	Soil pH sampling optimization using ancillary data
78	s222	Barbanti	Lorenzo	Soil respiration and nitrogen recovery in maize after digested slurry application
79	s222	Grabinski	Jerzy	The effect of energy crops on chemical soil properties
80	s222	Salehi	Amin	The effect of PGPR, vermicompost and Zeolite (clinoptilolite) on growth and yield of German chamomile ( <i>Matricaria recutita</i> L.)
81	s222	Recous	Sylvie	Understanding and mobilizing the ecological processes in Conservation Agriculture: Impacts of soil cover by plant mulches
82	s222	Tovonarivo	Rafolisy	Use of organic waste products on ferralsol Highlands of Madagascar: impact on yields and soil physicochemical property
83	s222	Niedźwiecki	Jacek	Variability within field. Soil electrical conductivity versus NDVI measurements
84	s222	Atidegla	Seraphin C.	Vegetables microbiological contamination related to poultry waste manure: case of Grand-Popo peri urban vegetables production in Benin

<b>85</b>	s223	Ngo Bieng	Marie Ange	A conceptual modelling approach to identify the adequacy of existing models to simulate dynamics and productivity of tropical agroforestry systems
<b>86</b>	s223	Harmand	Jean-Michel	Coffee production, nitrate leaching and N <sub>2</sub> O emissions in Coffea arabica systems in Costa Rica according to fertilization and shade management
<b>87</b>	s223	Isaac	Marney	Crop growth and nutrient acquisition under phosphorus gradients in a model legume tree-cereal intercropping system
<b>88</b>	s223	Szpunar-Krok	Ewa	Cultivation of common vetch in sole-cropping as well as in mixtures with spring barley in varying intensity of cultivation
<b>89</b>	s223	Justes	Eric	Designing and evaluating prototypes of arable cropping system with legumes aimed at improving N use efficiency in low input farming
<b>90</b>	s223	Tosti	Giacomo	Durum wheat/faba bean temporary intercropping can improve the grain protein content
<b>91</b>	s223	bllet	jean-pierre	Ecological intensification of the silviculture in eucalyptus plantations in brazil and congo through acacia mangium association
<b>92</b>	s223	Staniak	Mariola	Effects of N fertilization and share of components on the productivity and chemical composition of Festulolium braunii–Trifolium pratense mixtures
<b>93</b>	s223	Andrianarisoa	Kasaina Sitraka	Introduction of hybrid walnut trees in arable systems: which impact on nitrogen recycling?
<b>94</b>	s223	MASSE	Dominique	Leguminous and cereals yields in intercropping pattern field experiments in Senegal, Madagascar and Kenya
<b>95</b>	s223	Naudin	Christophe	Management of the proportion of species in winter pea-wheat intercrops: Can N-fertilization be used without greatly disturbing N <sub>2</sub> Fixation?
<b>96</b>	s223	clermont-Dauphin	Cathy	Mixed effects of intercropping cover crops on young rubber trees in Northeast Thailand
<b>97</b>	s223	Suja	Girija	Organic Yam Production: Agronomic and Nutritional Implications under Changing Global Environment
<b>98</b>	s223	Staniak	Mariola	Productivity and chemical composition of Festulolium braunii – Trifolium pratense mixtures depending on the share of components and variety of red clover
<b>99</b>	s223	BALDE	Alpha Bocar	Relay intercropping maize (Zea maize) with two different cover crops in a no-tillage system in Central Brazil: maize grain yield and total biomass production
<b>100</b>	s223	Ngo Bieng	Marie Ange	Spatial pattern analysis of tropical agroforests: methods for ecological and agronomic issues
<b>101</b>	s223	Jagoret	Patrick	The sustainability of cocoa plantations is not a myth. An example from central Cameroon.
<b>102</b>	s223	Naudin	Krishna	Trade-offs between different function of biomass in conservation agriculture
<b>103</b>	s223	Lamanda	Nathalie	Using the diversity of existing situations to analyze dynamics and services of agroforestry systems
<b>104</b>	s231	Van Wart	Justin	A robust protocol for estimating crop yield potential at regional to national scales
<b>105</b>	s231	Nieróbca	Anna	An evaluation into changes of meteorological conditions for maize cultivation of grain in Poland

<b>106</b>	s231	Torabi	Benjamin	Analysis of Wheat Yield Gaps Using Comparative Performance Analysis Method
<b>107</b>	s231	Bregaglio	Simone	Assessment of the evolution of potential infections of various plant pathogens under 2020 and 2050 climate scenarios at EU scale
<b>108</b>	s231	Kouakou	Koffi Patrice	Calibration of Sarrah model on farmers' pearl millet ( <i>Pennisetum</i> spp.) varieties and confrontation of model outputs to on-farm reality in Diourbel district (Senegal)
<b>109</b>	s231	Serpantié	Georges	Current missing knowledge about "conservation agriculture" (Africa, Madagascar)
<b>110</b>	s231	Gerber	James	Empirical Estimation of Global Yield Gaps
<b>111</b>	s231	Delmotte	Sylvestre	Evaluating the variation of rice yields in Camargue using a crop growth model
<b>112</b>	s231	Baron	Christian	From plot to regional scale: yield gap and climate impact
<b>113</b>	s231	Swain	Dillip	Growth and yield of rice crop in variable thermal environment and nutrient input
<b>114</b>	s231	Perego	Alessia	Model forecast of N dynamics in Po Plain under different cropping systems provided for EU Nitrates Directive derogation
<b>115</b>	s231	Karim	Mohammed	Recent climatic trends and on farm seasonal rice yields in Bangladesh
<b>116</b>	s231	Lafarge	Tanguy	Reducing yield gaps through integrated crop establishment in irrigated rice
<b>117</b>	s231	Clerget	Benoit	Source limits to rainfed sorghum yield potential in West Africa
<b>118</b>	s231	Aiming	Qi	Sugarbeet yield estimates based on a crop simulator – lessons learned in England
<b>119</b>	s231	Kren	Jan	Variability of winter wheat yield in praxis and in national variety trials
<b>120</b>	s231	Boling	Anita	Yield constraint analysis of rainfed lowland rice in farmers' fields in Southeast Asia

<b>121</b>	s232	Jessica	Milgroom	Adaptive farming strategies in the Great Limpopo Transfrontier Conservation Area
<b>122</b>	s232	Attila	Dr. Bai	Biodiesel from algae – a Hungarian experience.
<b>123</b>	s232	Dogliotti	Santiago	Co-Innovation as a strategy to develop sustainable farm systems in South Uruguay
<b>124</b>	S232	Mavunganidze	Zira	Farmer's perceptions of Conservation agriculture and it's applicability in smallholder sector, Zimbabwe
<b>125</b>	s232	Raymond	Reau	Innovative cropping systems design and multicriteria assessment
<b>126</b>	s232	Karrou	Mohammed	Integrated approach of improving water and land productivity of wheat in rainfed areas of West Asia and North Africa
<b>127</b>	s232	Balarabe	Oumarou	Mulch economic value in cereal-cotton rotation of Northern Cameroon: a plot scale evaluation of Direct-seeding Mulch-based cropping systems
<b>128</b>	s232	Scopel	Eric	Multicriteria evaluation of direct seeding mulch based cropping systems (DMC) in the context of small scale farmers in the Cerrados Region of Brazil.

<b>129</b>	s232	Ribaski	Nayara	Silvopastoral systems as a support for sustainable development in the southwest region of the State of Rio Grande do Sul, Brazil
<b>130</b>	s232	Casagrande	Marion	Sustainable futures for vegetable family farmers in Uruguay: a model-based exploration
<b>131</b>	s232	Fortino	Gabriele	Two separate steps for cropping system assessment: characterisation and final evaluation.
<b>132</b>	s232	Vinrou	Elodie	Using MODIS imagery to map cultivated areas in West Africa
<b>133</b>	s232	Sassi	Imen	What are the prospects for organic vineyards? A bio-economic evaluation using mathematical programming.
<b>134</b>	s233	Orange	Didier	Biodigester and PES (Payment for Environmental Services) as a marketing tool for agricultural development of smallholders in Northern Vietnam
<b>135</b>	s233	Bedimo	Mouen	Effect of reduced light and rainshelter on Coffee Berry Disease due to <i>Colletotrichum kahawae</i>
<b>136</b>	s233	Alexopoulou	Efthimia	Key future non-food crops for the agriculture of EU27
<b>137</b>	s233	Perez	Sarah	Opportunities and obstacles for durum wheat intercropping systems in Mediterranean France
<b>138</b>	s233	Bitaud	Corinne	Regulatory Evaluation of the safety of fertilizers: Proposal for a risk assessment approach
<b>139</b>	s233	Dercon	Gerd	Soil, water and nutrient management under conservation agriculture across agro-ecosystems worldwide: An overview of main lessons learnt under an FAO/IAEA coordinated research project
<b>140</b>	s311	Pasuquin	Estela	Are inherent plant traits the key to responses to stresses from climate change?
<b>141</b>	s311	Jorquera Fontena	Emilio Jose	Carbohydrate requirements for blueberry ( <i>Vaccinium corymbosum</i> L.) fruits growth
<b>142</b>	s311	Zamir	Shahid	Comparative performance of various wheat ( <i>Triticum aestivum</i> L.) cultivares to different tillage practices under tropical condition
<b>143</b>	s311	Maddah Hoseini	Shahab	Ear photosynthesis and transpiration of barley have great impact on sink size
<b>144</b>	s311	Fayaud	Benoit	Early growth : a key step to be predicted in mixed crop systems
<b>145</b>	s311	Orrego	Raul	Effect of climate change <i>Vitis Vinifera</i> frost-damage on Southern Chile
<b>146</b>	s311	Angulo Vilacis	Carlos	Effect of elevated atmospheric [CO <sub>2</sub> ] on winter wheat yield in the state of North-Rhine Westfalia (Germany)
<b>147</b>	s311	Manderscheid	Remy	Effect of free air carbon dioxide enrichment and nitrogen supply on leaf growth and yield of sugar beet
<b>148</b>	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
<b>149</b>	s311	Hans-Joachim	Weigel	Free air CO <sub>2</sub> enrichment and low N supply affect quality characteristics and elemental composition of wheat and barley grains
<b>150</b>	s311	Hans-Joachim	Weigel	Free air CO <sub>2</sub> enrichment mitigates drought stress effects on maize
<b>151</b>	s311	Damour	Gaëlle	Functional traits of the root system: a tool to select cover-crops.
<b>152</b>	s311	Staniak	Mariola	Influence of root excretions of cereal seedlings on germination of leguminous crop seeds

<b>153</b>	s311	Bláha	Ladislav	Influence of the seed traits, genotype and locality on the traits of the root system
<b>154</b>	s311	Tokatlidis	Ioannis	Intra-cultivar selection at ultra-low density upgrades cultivar's performance
<b>155</b>	s311	Manderscheid	Remy	Investigation of canopy development and biomass production of different sorghum-genotypes as compared to maize
<b>156</b>	s311	Vyn	Tony	Maize Plant-to-Plant Competition in Low and High Stress Environments: Implications for Stress Tolerance Improvement
<b>157</b>	s311	Baragz	Adnane	Phosphorus and nitrogen use efficiency of common bean ( <i>Phaseolus vulgaris</i> ) genotypes grown under different soil phosphorus levels in the Haouz area of Morocco
<b>158</b>	s311	Baccar	Rim	Plasticity of wheat architecture in response to sowing date and plant population density described with the 3D plant model ADEL wheat
<b>159</b>	s311	Fauquet-Alekhine-Pavlovskaya	Elena	Reaction of different winter triticale varieties on application of retardant.
<b>160</b>	s311	Gonzalez-Dugo	Victoria	Responses of Clementine to Sustained Deficit Irrigation
<b>161</b>	s311	Yasari	Esmail	Soybean response to leaf and flower elimination at delayed cropping
<b>162</b>	s311	Roy	Jacques	The European Montpellier Ecotron: a new experimental infrastructure to conduct international research programs in ecology and agronomy
<b>163</b>	s311	Mirleau-Thebaud	Virginie	Tillage impact on Sunflower vegetative growth a case study
<b>164</b>	s311	Modarres Sanavy	Seyed Ali Mohammad	UV Radiation, Elevated CO <sub>2</sub> and Water Stress Effect on Growth and Photosynthetic Characteristics in Durum Wheat
<b>165</b>	s311	Rykaczewska	Krystyna	Yield and seed value of potato minitubers produced in hydroponics
<b>166</b>	s312	Desanlis	Myriam	A preliminary model of the effects of cultural practices on the incidence of and damage caused by <i>Phomopsis</i> stem canker on sunflower
<b>167</b>	s312	Fournier	Christian	Does the complexity of a plant-pathogen model influence the identification of infection-cycle steps that are decisive for epidemics?
<b>168</b>	s312	Ben Slimane	Rym	Impact of septoria disease on apical senescence in wheat
<b>169</b>	s312	Mukhtar	Irum	Influence of <i>Trichoderma</i> species on seed germination in Soya bean
<b>170</b>	S312	Samuel	Nibouche	The DELICAS project: Model assisted phenotyping in sugarcane for the identification of marker-trait associations.
<b>171</b>	s312	Caubel	Julie	Typology of pathogen fungi according to their responses to the main environmental factors in a Climate-Plant-Soil system
<b>172</b>	s312	Bingham	Ian	Variation in the response of spring barley genotypes to leaf damage
<b>173</b>	s313	Garcia de Cortazar-Atauri	Iñaki	A curvilinear process-based phenological model to study impacts of climatic change on grapevine ( <i>Vitis vinifera</i> L.)
<b>174</b>	s313	Duensing	Ria	Assessing of canopy structure of sorghum
<b>175</b>	s313	Asch	Folkard	Coating seeds with hydro-absorber as a possible mitigation strategy for unreliable rainfall patterns for early-sown sorghum
<b>176</b>	s313	Tokatlidis	Loannis	Correlation performance in space planted vs optimum density conditions
<b>177</b>	s313	Raeini	Mahmoud	Detecting plant physiological responses to water stress using stable carbon isotopes

<b>178</b>	s313	Ikenaga	Sachiko	Difference in hardness index and grain weight of Japanese pearled barley with grain position on panicle
<b>179</b>	s313	Combres	Jean Claude	ECOPALM. A model to understand the complex phenology of mature oil palm
<b>180</b>	s313	Haling	Rebecca	Effect of soil acidity and hardness on root length and morphology in perennial pasture species
<b>181</b>	s313	Guillén Climent	Maria Luz	Estimation of radiation interception in row-structured vineyard canopies using discrete radiative transfer models
<b>182</b>	s313	Martiné	Jean-François	Exploring the Feasibility of Sugarcane Phenotyping using Crop Models with contrasted climatic conditions in Reunion Island.
<b>183</b>	s313	Teixeira	Edmar	Flowering time of seedling and regrowth lucerne ( <i>Medicago sativa</i> L.) crops
<b>184</b>	s313	He	Jianqiang	Global Sensitivity Analysis and Calibration of the SiriusQuality1 Wheat Simulation Model
<b>185</b>	s313	Michalska-Klimczak	Beata	Growth analysis of midearly potato plant morphotypes fertilized with various nitrogen fertilizers in Chernobyl Breakdown Region
<b>186</b>	S313	Dürr	Caroline	Hiighthroughput phenotyping of seeds from dry State to young seedlings
<b>187</b>	s313	Brueck	Holger	Leaf age effects on intrinsic water-use efficiency of <i>Jatropha curcas</i>
<b>188</b>	s313	Archontoulis	Sotiris	Maize and Sorghum Biomass and Protein Accumulation Under Adequate and Limited Supply of Water and Nitrogen in Greece
<b>189</b>	s313	Soltani	Elias	Modeling Seed Aging Effects on the Response of Germination to Temperature in Wheat
<b>190</b>	s313	Luquet	Delphine	Modelling plant morphogenesis and source-sink processes to support crop performance phenotyping: Application of Ecomeristem model to sugar cane
<b>191</b>	s313	Golba	Jan	Multivariate diversity of Polish winter wheat cultivars for grain yield and quality traits
<b>192</b>	s313	ALAKAMA	Nora	Nodulation diagnosis of common bean at flowering stage in Tizi Ouzou area of Algeria
<b>193</b>	s313	Greveniotis	Vasileios	Population density and row spacing effects on yield and morphological characteristics of maize
<b>194</b>	s313	Zatta	Alessandro	Root shape characterization in two sorghum genotypes
<b>195</b>	s313	Greveniotis	Vasileios	Selection at ultra-low plant density for high yield and stability favours additive gene action in maize
<b>196</b>	s313	Iwańska	Marzena	Statistical measures of wide adaptation degree of cultivars: a concept and a case study for winter wheat
<b>197</b>	s313	Giunta	Francesco	The difference in intrinsic water use efficiency between durum wheat and triticale genotypes is determined by the different stomatal conductance.
<b>198</b>	s313	Galeshi	Serolla	The Effect of Seed Aging on the Seedling Growth as Affected by Environmental Factors in Wheat
<b>199</b>	s313	Dürr	Caroline	Tools for diagnosis evaluation on X-ray images for high-throughput phenotyping of seeds
<b>200</b>	s313	Mądry	Wiesław	Typology of grain yield formation patterns by yield components in winter wheat cultivars grown across Polish environments
<b>201</b>	s313	Hassibi	Payman	Using chlorophyll fluorescence to screening of rice ( <i>Oryza sativa</i> L.) genotypes
<b>202</b>	s313	Michalska-Klimczak	Beata	Variability of sugar beet final root mass in plant groups at the same phase of juvenile period
<b>203</b>	s313	Clerget	Benoit	Why do photoperiod-sensitivity and long crop duration penalize panicle sink size and therefore yield potential in tropical sorghum?
<b>204</b>	s313	Moot	Derrick	Yield and N concentration of 'stay-green' maize hybrids under different N fertilizer regimes

**Sub Sessions- S321- S322- S323- S331-S332- S333  
and Symposium S4**

Poster Number	Sub-session	Name	Surname	Poster Title
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 <i>Dasyneura</i> [ <i>Dasineura</i> ] <i>brassicae</i> (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 <i>Phoma macdonaldii</i> 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 occurrence 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

<b>225</b>	s322	Marrou	Hélène	Combining solar photo-voltaic panels and food crops for optimising land use: towards new agri-voltaic schemes
<b>226</b>	s322	Rocca	Alvaro	Comparison of organic, low-input and conventional agriculture sustainability through simulation
<b>227</b>	s322	Wyszynski	Zdzislaw	Crop productivity indices and yielding of Miscanthus cultivated on soils without fertilization since 1923
<b>228</b>	s322	Shili-Touzi	Inès	Does intercropping winter wheat ( <i>Triticum aestivum</i> . L) with lucerne ( <i>Medicago sativa</i> . L) improve nitrogen resource utilization?
<b>229</b>	s322	Kato	Yoichiro	Ecophysiological determinants of grain number in rice grown under water-saving management
<b>230</b>	s322	Maturano	Marisa	Effect of different N fertilization management on grain yield oil content of Winter Oilseed Rape ( <i>BRASSICA NAPUS</i> . L)
<b>231</b>	s322	Prochazkova	Blanka	Effect of different soil tillage on yields of sugar beet
<b>232</b>	s322	Gabriel	Jose Luis	Effect of introducing cover crops in a maize cropping system: plant partitioning and N-fertilizer use efficiency
<b>233</b>	s322	BAVEC	Martina	Effect of nitrogen fertilizing on marketable yield of onions after storage
<b>234</b>	S322	Koch	Heinz-Josef	Effects of crop management on yield and winter hardiness of bolting winter beets cultivated for anaerobic digestion
<b>235</b>	s322	Staniak	Mariola	Estimation of yielding of legume-cereal mixtures on seeds cultivated in organic farming
<b>236</b>	s322	Lizaso	Jon I.	Evaluating CERES and IXIM, the Maize Simulation Models in DSSAT v4.5, under Irrigated Mediterranean Conditions
<b>237</b>	s322	Raccuia Salvatore	Antonino	Evaluation of wild cardoon ( <i>Cynara cardunculus</i> L. var. <i>sylvestris</i> Lam.) for biomass, roots and inulin yields in a low input perennial cultivation system
<b>238</b>	s322	Koutroubas	Spyridon	Growth, nitrogen uptake and translocation for wheat grown in soils amended with farmyard manure and sewage sludge
<b>239</b>	s322	Koutroubas	Spyridon	Growth, seed yield and nutrient accumulation in spring sown chickpea as influenced by planting date
<b>240</b>	s322	Stratonovitch	Pierre	Impact of climate change on black grass competitiveness in arable UK fields.
<b>241</b>	s322	DENOROY	Pascal	Improving crop response diagnosis to soil phosphorus supply
<b>242</b>	s322	Celette	Florian	Incidence of soil N fertility on the performance of organic forage legume-wheat mixtures
<b>243</b>	s322	Yasari	Esmail	Influence of biofertilizers and mineral nutrients on Canola ( <i>Brassica napus</i> L.) seed yield and fortification
<b>244</b>	s322	Ventrella	Domenico	Irrigation deficit and saline water influence on tomato grown in a Mediterranean environment

<b>245</b>	s322	Moore	Andrew	Managing to increase soil carbon in southern Australian cropping systems: what are the interactions with water-use efficiency?
<b>246</b>	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
<b>247</b>	s322	Doltra	Jordi	Modelling catch crops effects on the nitrogen dynamics in organic farming
<b>248</b>	s322	Pecio	Alicja	Modern approach to evaluation of plant nitrogen nutrition status
<b>249</b>	s322	Sissoko	Fagaye	Mulch cover does reduce runoff in cotton fields in West African cotton fields, but does not improve cotton yields
<b>250</b>	s322	Antoniadis	Vasileios	Nitrogen efficiency and availability to wheat in biosolids- and inorganic fertilizer-applied soil
<b>251</b>	s322	Ruza	Antons	Nitrogen fertilizer utilization in winter wheat sowings
<b>252</b>	s322	Zanetti	Federica	Nitrogen nutrition in various Oilseed rape cultivars
<b>253</b>	s322	Moot	Derrick	Nitrogen yields from sown pasture components in cocksfoot based pastures in a temperate environment
<b>254</b>	s322	Jeuffroy	Marie-Hélène	Nitrous oxide emissions from pea in comparison with other crops in field conditions
<b>255</b>	s322	Topp	Kairsty	Nitrous Oxide Emissions: the Timing of Fertiliser Applications in Relation to Rainfall Events
<b>256</b>	s322	Rykaczewska	Krystyna	Potato Plant Development in Summer–Autumn Growing Period in the Context of Climate Change
<b>257</b>	s322	Almeida	Adriana	Production of irrigated wheat submitted to different nitrogen doses
<b>258</b>	s322	le Maire	Guerric	Relationships between LAI and agronomy in coffee agroforestry systems of Costa Rica
<b>259</b>	s322	Shalaby	E.Essam	Salt tolerance of sugarbeet as influenced by chemical and organic fertilizers
<b>260</b>	s322	Villalobos	Francisco	Seasonal changes in the transpiration coefficient of peach trees
<b>261</b>	s322	Politeo	Marco	The effects of soil salinity on maize and soybean yield
<b>262</b>	s322	pistocchi	chiara	The irrigation water consumption in the lake of Massaciuccoli catchment
<b>263</b>	s322	Dymerska	Aneta	The yielding of a fodder variety of pea ( <i>Pisum sativum</i> L.) depending on the meteorological factors in the north-west of Poland
<b>264</b>	s322	Martín Lammerding	Diana	Tillage practices and their influence on soil nutrients contents

<b>265</b>	s322	Khaledian	Mohammad Reza	Using PILOTE model to determine water use efficiency of direct seeding into mulch compared with conventional tillage
<b>266</b>	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
<b>267</b>	s322	Passoni	Matteo	Water conservation and quality under continuous water table control by a combination of controlled drainage and subirrigation in NE Italy
<b>268</b>	s322	Grabowska	Krystyna	Weather conditions and their effect on yield of yellow lupin ( <i>Lupinus luteus</i> L.) in the north-west of Poland
<b>269</b>	s322	Lubomir	Neudert	What agronomic factors do influence quality of malting barley in dry areas?
<b>270</b>	s322	Mrabet	Rachid	Wheat yield stability under contrasting soil management strategies in semiarid Morocco
<b>271</b>	s322	Ventrella	Domenico	Yield and quality of emmer grown under conservative management practices in Southern Italy
<b>272</b>	s322	Antoniadis	Vasileios	Zeolite effects on nitrogen dynamics and availability to ryegrass in acidic and limed soil
<hr/>				
<b>273</b>	s323	Metay	Aur�lie	[Conceptual modeling to assess the relationships between water –and nitrogen availability and vegetative development in a multispecies cropping system]
<b>274</b>	s323	Talbot	Gregoire	Assessing the importance of phenological lags between trees and crops in temperate agroforestry systems with a process-based interaction model
<b>275</b>	s323	Celette	Florian	Associating wheat crop and undersown forage legumes in organic agriculture: Incidence of forage legumes species
<b>276</b>	s323	Rosenmund	Alexandra Stella	BECRA: a research project on climate change and adaptation
<b>277</b>	s323	Javurek	Miloslav	Changes of some soil properties due to long-term conservation technologies use
<b>278</b>	s323	Lamanda	Nathalie	Conceptual modelling of the structure-function-services dynamics of tropical agroforests
<b>279</b>	s323	Valantin-Morison	Muriel	Design integrated crop management of Winter OilSeed Rape (WOSR) and assess their sustainability in France
<b>280</b>	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
<b>281</b>	s323	L�-Pelzer	Elise	DEXiPM, a model for qualitative multi-criteria assessment of the sustainability of innovative cropping systems based on integrated crop management
<b>282</b>	s323	Tarsitano	Davide	Evaluation cropping system model for Winter Barley
<b>283</b>	s323	AVELINE	Anne	How can farms be assisted when adapting to low-input management of their cropping systems?
<b>284</b>	s323	Lesur	Claire	Integrated environmental, energetic and economic assessment of cropping systems including lignocellulosic crops: a case study based on modelling and expert knowledge
<b>285</b>	s323	Rapidel	Bruno	Is there a life out of models for cropping systems designers?
<b>286</b>	s323	Watson	Christine	Long-term rotational experiments – pointers for future experimental design

<b>287</b>	s323	Lay	Daphné	Multifactor evaluation of integrated cropping systems
<b>288</b>	s323	PLENET	Daniel	OptiPeach, a prototype of cropping system for peach orchards
<b>289</b>	s323	Guichard	Laurence	PERSYST, a cropping system model based on local expert knowledge
<b>290</b>	s323	Bergez	Jacques-Eric	Sensitivity analysis of DEXi type models applied to design cropping systems
<b>291</b>	s323	Jagoret	Patrick	Transforming savannah into cocoa agroforests: analysis of a local innovation by farmers in central Cameroon
<b>292</b>	s331	Merot	Anne	A hierarchical analysis of the interactions between the biophysical and technical components to design Multifunctional Cropping System
<b>293</b>	s331	Martin	Pierre	Assembly modalities in agronomic software platforms and consequences for re-use
<b>294</b>	s331	Gerbaud	Alain	Design of a database for heterogeneous and evolving farm survey data
<b>295</b>	s331	PARE	Nakié	From Integrated Pest Management to integrated resources management : a need to improve the coherence of cultural practices at the field scale
<b>296</b>	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
<b>297</b>	s331	Harzer	Niels	Multifunctional sustainability assessment on the farm level
<b>298</b>	s331	Bienkowski	Jerzy	Nitrogen balances in farms of wiskoc catchment in Poland
<b>299</b>	s331	Bojarszczuk	Jolanta	Organization of crop and animal production in dairy farms localized in three chosen region of Lubelskie voivodeship
<b>300</b>	S331	Smits	Nathalie	Pest management in temperate agroforestry systems, the need for more studies.
<b>301</b>	s331	Dury	Jerome	The cropping plan decision-making in crop farms
<b>302</b>	S331	García-Vila	Margarita	Using AquaCrop to optimize gross margins at the farm scale under water scarcity
<b>303</b>	S332	Rocca	Alvaro	A procedure for the identification of land sites suitable for apiculture
<b>304</b>	s332	Abdalla	Mahmoud	Alleviation of the Potential Impact of Climate Change on Wheat Productivity using Arginine under Irrigated Egyptian Agriculture
<b>305</b>	s332	Hossard	Laure	Combining participative design of oilseed crop management and a spatially explicit model to ensure varietal resistance durability to phoma stem canker
<b>306</b>	s332	Verdoodt	Ann	Dynamic model-assisted evaluation of agricultural land suitability and land degradation under climate change
<b>307</b>	s332	Alaphilippe	Aude	Environmental risk assessment of plant protection scenarios at a landscape scale in the Rhone Valley with the GIS-based indicator SYNOPS
<b>308</b>	s332	MEROT	Anne	Farming system management and landscape changes at various scales: A farming system agronomist's review based on data-mining by experts
<b>309</b>	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
<b>310</b>	s332	Jankowiak	Janusz	Management of nitrogen emission in farms within the vulnerable zone in the selected polish commune
<b>311</b>	S333	EL Jarroudi	Moussa	A Simplified approach for wheat yield estimates based on metrics derived from green area indexdecreasing curves

<b>312</b>	S333	Kedziora	Andrzej	Agricultural systems and their impact on environment in Poland
<b>313</b>	S333	Debolini	Marta	Assessing cropping system changes in Mediterranean environments. A case study in the Grosseto Province (Tuscany, Italy)
<b>314</b>	S333	Kren	Jan	Assessment of the trend in structure changes in crops grown in the Czech Republic
<b>315</b>	S333	Razakavololo	Na Ando	Changes in agricultural practices in response to climatic and demographic changes in the rice basin of Lake Alaotra, Madagascar
<b>316</b>	S333	Dragańska	Ewa	Characterisation of the agriclimate of north-eastern Poland in light of a selected climate change scenario
<b>317</b>	S333	Schaap	Ben	Climate change adaptation in agriculture; the use of multi-scale modelling and stakeholder participation in the Netherlands
<b>318</b>	S333	van Bussel	Lenny	Climate-driven simulation of global crop sowing dates
<b>319</b>	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).
<b>320</b>	S333	Donatelli	Marcello	Extending a local-scale daily weather scenario database for Europe
<b>321</b>	S333	Bondeau	Alberte	Impact of policy, climate, land use, and population density on fire related greenhouse gas emissions from global agriculture
<b>322</b>	S333	Barbaro	Marco	Land evaluation of cropping suitability for Gentian at regional level
<b>323</b>	S333	Schaller	Noemie	Modelling regional land use: articulating the farm and the regional levels by combining farmers' decision rules and regional stochastic regularities
<b>324</b>	S333	Nendel	Claas	MONICA – Modelling effects of climate change on crop production and environment within an interactive knowledge platform
<b>325</b>	S333	Kalimuthu	Senthilkumar	Phosphorus flows and balances at country scale: a case study for France
<b>326</b>	S333	Strašil	Zdeněk	Preliminary zoning of agricultural land for reed canary grass ( <i>Phalaris arundinacea</i> L.) for the Czech Republic.
<b>327</b>	S333	Maiorano	Andrea	Project MIMYCS: a simulation model system for simulating mycotoxin contamination in maize grain in Europe
<b>328</b>	S333	Bergez	Jacques-Eric	RECORD: an integrated framework to build, evaluate and simulate cropping systems
<b>329</b>	S333	Khan Mobushir	Riaz	Remote sensing and GIS based analysis for mapping agronomic land use
<b>330</b>	S333	Vitali	Giuliano	Simulate plants: a client-server graphic approach
<b>331</b>	S333	van Bussel	Lenny	Simulating Photoperiodic Sensitivity of Wheat at Global Scale
<b>332</b>	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)
<b>333</b>	S4	Petit	Marie-Sophie	A multi-actor pilot farm network to assess and learn innovative arable cropping systems
<b>334</b>	s4	Penot	Eric	An approach and associated tools dedicated to a decision support system for conservation agriculture
<b>335</b>	S4	Rafflegeau	Sylvain	Building fertilization support for oil palm smallholdings requires partnerships
<b>336</b>	s4	Kockmann	F.	Combining agronomy and sociology in a diagnosis approach prior to action: The case of the Brenne river basin in Burgundian Bresse

<b>337</b>	s4	Coulon	Cecile	Design of a model to predict berry composition and wine style according to soil factors, climate and winegrowers' practices.
<b>338</b>	s4	Parnaudeau	Virginie	Designing a decision support system to develop the diagnosis and assessment of nitrogen losses in cropping systems
<b>339</b>	s4	Saint Macary	Hervé	Ecological Intensification of Agricultural Production Systems through Waste Recycling: the ISARD Project
<b>340</b>	s4	Bouba	Traore	Exploratory analysis of climate parameters for decision support in crop production
<b>341</b>	S4	Fortino	Gabriele	GECOphyto: a collaborative knowledge management platform to reduce pesticides use.
<b>342</b>	S4	Clavel	Danièle	How identify factors that bring about innovation's successes in Dryland Africa?
<b>343</b>	s4	Galan	M,B,	Initier un partenariat durable entre acteur du developpement et de la recherche
<b>344</b>	s4	Leger	Bertrand	Les Processus Opérationnels de Décision pour évaluer et faire adopter des systèmes de décision en protection des cultures
<b>345</b>	s4	Cerf	Marianne	Monitoring co-design processes: which framework to support collaboration between agronomists, social scientists and users?
<b>346</b>	s4	Dalohoun	Daniel Nougbe gnon	Multiple Stakeholder Platform: A process of Innovation System learning – Experience of Sustainable and Integrated Exploitation of Inland Valleys in Benin and Mali
<b>347</b>	s4	PLENET	Daniel	Peach EFI information system
<b>348</b>	S4	Lacroix	Bernard	The UMT-Eau : an innovative partnership of research and development to renew tools, methods and advices to manage irrigation water in cash crop farm enterprises
<b>349</b>	s4	Rodriguez	Juan-Pablo	Understanding the role of agricultural innovation and sustainability in marginal rural areas: Case studies of South-Eastern Serbia and Southern Altiplano of Bolivia
<b>350</b>	S4	Minette	Sébastien	When the farmers are the actors of prototyping low-input cropping systems

---