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The research programmes of your centre

Specie: Tomato

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Evaluation of new varieties of tomato Valenciano, Marmande and hybrids with virus tolerance.	Comparison between an NGS hydroponic and coconut fiber soilless systems. Agronomic behavior of hybrid tomato in a soilless crop comparing two different volumes of coconut fiber.	Evaluation of agronomic behavior in tomato protected crop testing different rootstocks.		

Specie: Tomato

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
TOMGEN: A holistic multi-actor approach towards the design of new tomato varieties and management practices to improve yield and quality in the face of climate change				

Specie: Watermelon

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects

Study of different cultivars of watermelon.	Response to phytohormone application to improve the development and fruit setting	Evaluation of different rootstocks. Study of different types of grafting. Study of different strategies to control powdery mildew.	Comparison between biologic and integrated production of watermelon.	
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Specie: Melon

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Study of different cultivars of melon.			Comparison between biologic and integrated production of melon. Study of different doses of irrigation	

Specie: Butternut squash

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Study of different cultivars		Study of different strategies to control skin lesions		

Specie: Pepper

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Study of new vegetal material in Italian pepper at outdoor and indoor crops.	Evaluation of different plant density.	Evaluation of agronomic behavior in new rootstocks with low irrigation dose.	Study of different doses of irrigation.	

Specie: Eggplant

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Evaluation of new varieties		Identification of biocontrol mechanisms of <i>penicillium oxalicum</i> and its application in the control of diseases of horticultural plants.		

Specie: Artichoke

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Productive and agronomic behavior of new cvs and lines of seed propagated artichoke.	Productive response to gibberellic acid in seed propagated cultivars.		Comparison between biologic and integrated production of artichoke.	Revalorization of non-commercial artichoke

Specie: Asparagus

Person of contact for this programme: Miguel Angel Domene Ruiz

Email: madomene@fundacioncajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
				Revalorization of non-commercial asparagus

Specie: Fennel

Person of contact for this programme: Miguel Angel Domene Ruiz

Email: madomene@fundacioncajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
		Fennel essential oil as an antifungal agent and preservative		

Specie: Cauliflower, Broccoli and Romanesco

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Study of agronomic behavior of vegetal material and design of a productive calendar.			Study of different doses of irrigation in cauliflower. Comparison between biologic and integrated production of cauliflower.	

Specie : Onion

Person of contact for this programme: Carlos Baixauli

Email: carlosbaixauli@cajamar.com

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Evaluation of new vegetal material			Comparison between biologic and integrated production of onion.	

Current partnership with other research centres (national or international)

Specie: **We have relationship with many national and international research centres due our huge amount of projects.**

Specie: **Pepper**

Nature of the project: **Vegetal material**

Length of the project:

Partner names and countries: **IVIA (Spain)**

Specie: **Pepper/ Eggplant/Artichoke**

Nature of the project: **Integrated protection**

Length of the project: **30 months**

Partner names and countries : **INIA (Spain), Universidad de La Coruña(Spain), Universidad Autónoma de Madrid (Spain), Instituto Murciano de Investigación y Desarrollo Agrario y Alimentario (IMIDA),Gobierno de Navarra Instituto Técnico y de Gestión Agraria (ITGA) (Spain)**

Specie: **Tomato**

Nature of the project: **Vegetal material**

Length of the project: **36 months**

Partner names and countries - **Institut National Polytechnique de Toulouse (France); John Innes Centre (UK); Max Planck Gesellschaft zur Foerderung der Wissenschaften e.V. (Germany); Royal Holloway and Bedford New College (UK); - Università degli studi di Napoli Federico II (Italy); Universidad de Málaga (Spain); Universidad de Buenos Aires (Argentina); Maritsa Vegetable Crops Research Institute (Bulgaria); Alma Seges Soc. Cop. (Italy); Enza Zaden España S.L. (Spain); BIOTECGEN (Italy); Eurice (Germany); National Taiwan University (Taiwan);SAS Rougeline (France); Norfolk Plant Science Ltd. (UK); INRA (France); CSIC (Spain)**

Specie: **Cucurbitaceous**

Nature of the project: **Vegetal material**

Length of the project: **6 months**

Partner names and countries: **COMAV-UPV (Spain)**

Are you searching for more European partnerships with other research centres? Yes

On what species: **We are open to experiment with any kind of species either in open field or in greenhouse. Nowadays we work with: Tomato, Pepper, Courgette, Cucumber, Eggplant, Melon, Watermelon, Bean, Cabagge, Physalis, Squash, Strawberry, Sweet cucumber, Lettuce, Cauliflower, Broccoli, Romanesco, Artichoke, Fennel, Onion.**

What kind of projects are you searching for: **We work in three areas.**

- **AGRO SUSTAINABILITY**
 - Water and nutrients use efficiency
 - Integrated pest and disease management
 - Cultivation techniques
 - New vegetal material
 - Crops model
 - Organic farming
 - Information technologies in Agriculture
 - Valorization of Vegetal waste
 - Degraded areas regeneration

- **FOOD AND HEALTH**
 - Healthy nutrition
 - Bioactive substances
 - Postharvest and quality
 - Microorganism biotechnology
 - Alternative and value crops

- **GREENHOUSE TECNOLOGY**
 - Greenhouse structures and technology
 - Climate control and management
 - Cover materials and plastics for agriculture
 - Soilless crops
 - Renewable energies
 - Mechanization and automatization

What kind of partners are you searching for? From which countries? **Research centers, companies...all over the world.**