



WAGENINGEN UR

For quality of life

Centre name : Wageningen UR Greenhouse Horticulture

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Country: Netherlands

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Name of the contact person: J.C. Bakker

Position: Manager

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The research programmes of your centre

Specie : Energy efficient greenhouses, energy saving technologies and cropping strategies

Person of contact for this programme : Dr. Jouke Campen and Eric Poot

Email : jouke.campen@wur.nl; eric.poot@wur.nl

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Main fruit vegetable crops (tomato, Cucumber, Sweet Pepper, Eggplants), strawberry Leafy vegetables (e.g. lettuce)	Reduction energy use, environmental control, (semi) closed greenhouses, covering and screen material development, dehumidification, light (LED), modelling	IPM standard	Integrated crop management	Innovation and Demonstration Center with innovative new designs on energy and LED, Sensor and vision technology

Specie : Water use efficiency and recirculation/ emission reduction

Person of contact for this programme : Dr. Ellen Beerling

Email : ellen.beerling@wur.nl

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Main fruit vegetable crops (tomato, Cucumber, Sweet Pepper, Eggplants), strawberry Leafy vegetables (e.g. lettuce)	100% recirculation systems, water purification, soilless systems, ion selective fertigation, Water Use Efficiency	IPM standard	Integrated crop management	Innovation and Demonstration Center with innovative new technologies on water purification with industrial partners Sensor and vision technology

Specie : Crop Health

Person of contact for this programme : Dr. Caroline v.d. Salm

Email : caroline.vandersalm@wur.nl

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Main fruit vegetable crops (tomato, Cucumber, Sweet Pepper, Eggplants), strawberry Leafy vegetables (e.g. lettuce)	IPM, new predators, standing army, resilient crops/substrates, fungal diseases, virusses, (all in both crop and root environment), population dynamics modelling	Standard if not part of the research itself.	Integrated crop management	Sensor and vision technology, supply techniques,

Specie : Advanced Systems

Person of contact for this programme : Dr. Silke Hemming

Email : silke.hemming@wur.nl

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Main fruit vegetable crops (tomato, Cucumber, Sweet Pepper, Eggplants), strawberry Leafy vegetables (e.g. lettuce)	Robotics, vision technology, internal logistics, greenhouse design for different (climate) regions, urban farming, controlled environment (space research)	IPM standard	Integrated crop management	Integrated production system design, packaging lines

Specie : Greenhouse as Pharmacy

Person of contact for this programme : Eric Poot

Email : eric.poot@wur.nl

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
tomato, strawberry, berries new crops, spices, alga,	Taste, functional/ healthy ingredients, vitamins, optimization production process and equipment.	IPM as far as possible/ crop protection as part of the program	Integrated crop management	New business models, production chain

Current partnership with other research centres (national or international)

Specie : All except Greenhouse as Pharmacy so far

Nature of the project: EU projects (e.g. Robotics: PicknPack, Sweeper, Trimbot, EDEN-ISS, Sweetwater, ..), B2B projects.

Length of the project: varies (6 months – 4 years)

Partner names and countries :

Within Europe: UK, Germany, Belgium, France, Spain, Italy, Norway, Greece,

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

AREFLH (Assembly of the European Regions Producing Fruit, Vegetables and Ornamental plants) - mission@areflh.org - www.areflh.org
FRESHFEL - www.freshfel.org

On what species :

On each of the main topics mentioned above.

What kind of projects are you searching for:

EU projects

What kind of partners are you searching for? From which countries?

Dependent on the topics (no preferences)