



**Centre name : PCG**

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Name of the contact person: Saskia Buysens

Position: Coordinator

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**The research programmes of your centre**

**Specie : outdoor vegetables (main crops leek, onion, cabbages, carrots, lettuce, herbs)**

Person of contact for this programme : Nathalie Cap

Email : [nathalie@pcgroenteteelt.be](mailto:nathalie@pcgroenteteelt.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiolgy	Other subjects
Variety trials (yield, quality),	Fertilisation strategies (prevent N-leakage, P: optimisation P uptake and minimize losses) Erosion prevention Soilless culture Irrigation Mechanization	IPM (integrated pest management) Bacterial diseases : use of bacteriophages Variety trials (pest resistance) Early warning systems – different diseases and pests Nematodes	Green manure Residue free vegetable production	Introduction new crops – new cultivation systems (soilless)

**Specie : vegetables under protection (conventional) (main crops leafy vegetables – lettuce and salads, tomato, cucumber)**

Person of contact for this programme : Tom Beyers

Email : [tom@pcgroenteteelt.be](mailto:tom@pcgroenteteelt.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiolgy	Other subjects
Variety trials (yield, quality)	Fertilisation strategies (prevent N-leakage ) Soilless culture (MGS, aeroponics, ...) Mechanization and automatisisation	IPM Soilborne diseases and nematodes Variety trials (pest resistance) Early warning systems – different diseases and pests	Green manure Residue free vegetable production	Aquaponics (hydroponics+aquaculture)

**Specie : vegetables under protection (organic culture) (main crops: fruity vegetables, specialty crops - paksoi, melons, .... , herbs)**

Person of contact for this programme : Justine Dewitte

Email : justine@pcgroenteteelt.be

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Variety trials (yield, quality) – Grafting (resistant rootstocks)	Energy saving (gas absorption pumps and BEO field)	Biological control of pests and diseases Resistant rootstocks (soilborne fungi and nematodes)	Fertilisation (vegetal – animal)	Fertilisation based on plant juice measurements

**Specie : Sensory and consumer research**

Person of contact for this programme : Saskia Buysens

Email : saskia@pcgroenteteelt.be

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
New varieties – new products: sensory evaluation and consumer acceptance				

**Current partnership with other research centres** (national or international)

Specie :

Nature of the project: We participate in national and international projects (interreg Flanders-The Netherlands, Interreg Flanders –France-Wallonia, interreg north sea region, H2020) on integrated pest management – agroecology, biological control of diseases, control of bacterial diseases, control of nematodes, fertilisation and soil fertility, erosion management, aquaponics, regional food frames, vegetable cultures with LED light, ...

Length of the project: 3-4 years

Partner names and countries :

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

On what species : We are always looking for European partners with shared or complementary expertise, active in horticultural research and/or extension

What kind of projects are you searching for: topics see above

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