

# POTATOEUROPE

## BELGIUM 2019



4-5 September  
Kain (Doornik / Tournai)

# Agenda

- 10.00 – 10.30 : welcome
- 10.30 – 10.35 : welcoming by
  - Paul-Olivier Delannois, Mayor of Tournai and
  - Johan Colpaert, President of Fedagrim
- 10.35 – 11.30 : presentation by Fedagrim and CARAH
- 11.30 – 12.00 : questions and answers

After the press conference, possibility to visit the site.



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# What we'll talk about ?

- Date and location
- Organisation and partners
- Participants
- The venue in detail
- The demonstrations
- The trial fields
- The visitors
- Kick off
- Entrance and registration

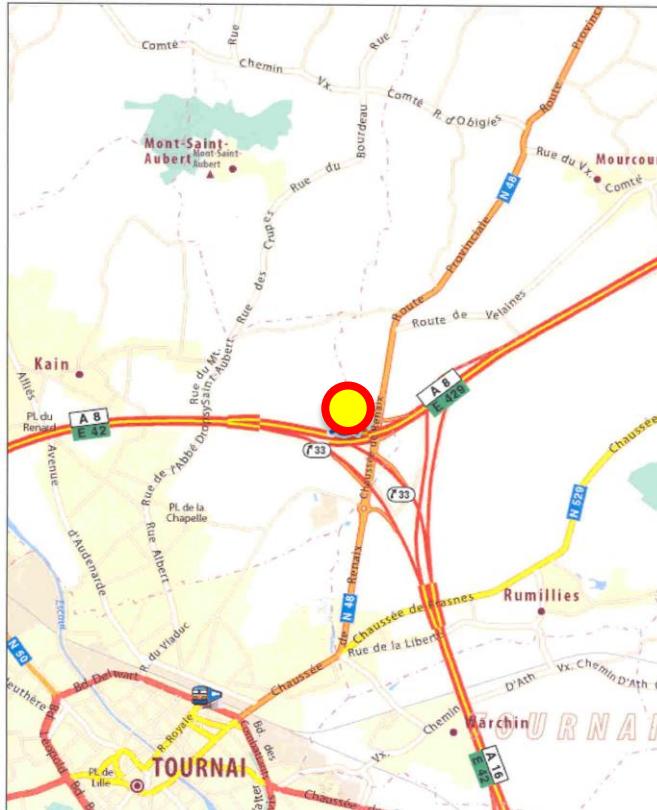
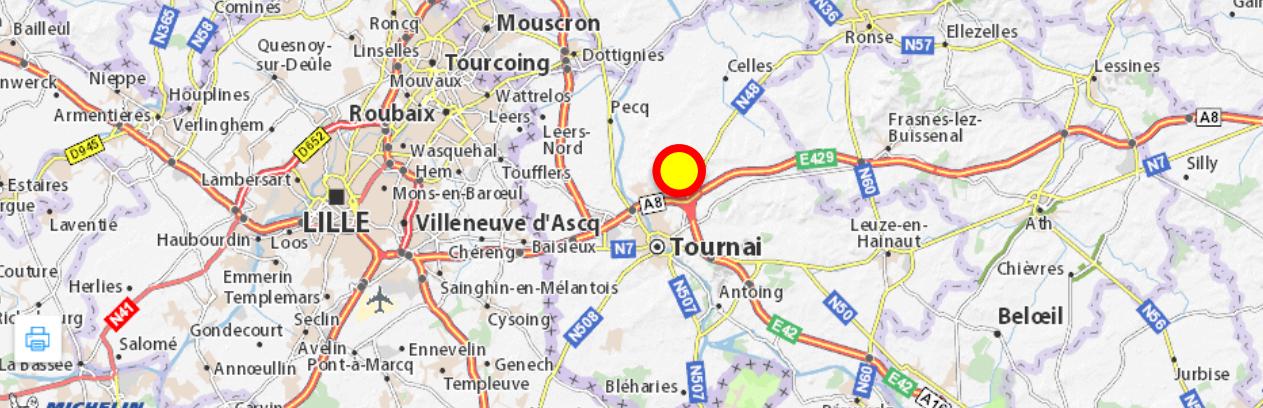


# Date and location

- Wednesday 4 and Thursday 5 September 2019
  - From 10.00 till 18.00
- Same location as in 2011 and 2015:
  - Ets. Witdouck,  
Rue de Mourcourt 2, 7540 Kain (near Tournai)
  - Also fields belonging to José Decock, André Lepoutre and E. Lericq
- Kick off : Tuesday 03 September, 19.00



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# Organisation

- Fedagrim (coordination of the different partners, logistics, planning, rent of exhibition space, communication and PR, sponsoring, budget)
- In close collaboration with:
  - CARAH (supervision cultivation, coordination of field trials)
  - FIWAP
  - PCA
  - CRA-W & ILVO (personnel support during demos, practical aspects of demonstrations)



# Partners

- Case IH/Steyr
- Isuzu
- Lutosa
- Mydibel
- MDM
- Syngenta
- City of Tournai



# Participants

Current situation (04.06.2019)

- 216 exhibitors (193 in 2015, 173 in 2011)
  - ✓ 102 (86) in the main tent
  - ✓ 114 (97) located outside
  - ✓ from 16 (12) different countries  
(Austria, B, China, CH, D, DK, I, E, F, Lithuania, NL, PL, Slovakia, South Korea, UK)
  - ✓ 8 requests for trial fields



# Participants

✓ Per sector :

- 48 active in mechanisation
- 38 active in phyto & fertilisation
- 26 active in seed potatoes
- 21 active in services
- 20 in storage
- 18 in packaging
- 10 in processing installations
- 9 in processing
- 7 in machine accessories
- 7 in building
- 6 in trade
- 3 in transport
- 3 in irrigation
- 2 in optical sorting



## The location in detail

- Total surface area: 33,5ha (+9,7ha Parking)
- of which +/- 26 ha potatoes
- 1 ha for the storing lines
- 0,5 ha for the field trials
- Seed potatoes: Challenger (HZPC) and  
Fontane (Agrico)



# The demonstrations

- 19 ha for the demonstration of harvesters
- 4 hours demonstration a day
- 14 participating lifters
- From 6 different manufacturers, 2 of them Belgian
- All working widths represented (1, 2, 3, 4 –rows)



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# The demonstrations

	<b>4-rows</b>	<b>3- rows</b>	<b>2-rows</b>	<b>1-row</b>
AVR	Puma 3 (Selfpropelled)		Spirit 9200 VW, (trailed bunker harvester)	
			Lynx, (Simplifiée)	
DEWULF	Kwatro (Selfpropelled)		Torro, (trailed bunker harvester)	
			RA3060, (Automotrice)	
GRIMME	Varitron 470 (Selfpropelled)	GT 300, (Simplifiée)	EVO 280, (trailed bunker harvester)	
	Ventor 4150 (Selfpropelled)			
PLOEGER	AR 4 BX (Automotrice)			
POUCHAIN	PAP 475 (Selfpropelled)			
ROPA			Keiler 2 L, (trailed bunker harvester)	Keiler 1, (trailed bunker harvester)

## The demonstrations

- Harvesters divided into groups
- Structured presentation of all harvesters (40' / group)
- Provisional time schedule
  - 10h45 à 13h00
  - 14h00 à 16h15
- Free demonstration at the end of the day
  
- All tractors used in demo = Case IH / Steyr
- All tippers used in demo = MDM



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# The demonstrations

- Calibration of harvesters: headlands
- day 1 (04/09/2019):
  - Harvesters: plot I and II
  - Storing lines: plot A
  - Fontane
- day 2 (05/09/2019):
  - Harvesters: plot III and IV
  - Storing lines: plot A
  - Challenger



# The demonstrations

- 5 participating storing lines (+ 2 box fillers) :

	Receiving hopper	Conveyor	Store loader	Box filler
AVR	FALCON 24-60	CDVE 1200	COBRA 80-19	
MIEDEMA	MH 241	MC 1780	ML 1980	
GRIMME	RH 24-60 CF	TC 816 LC 705	SL 80-18 QUANTUM	GBF
BIJLSMA HERCULES	BSB 6124 XL	2-808-80	BHV 19080	
DOWNS	DG 240	DUO PREMIUM	DT 1680	DBF 240

- Permanent demonstration as from 11.00
- Transport by lorry to 2 processors :
  - Mydibel and
  - Lutosa

## Precision Farming Project CaseIH & Steyr PE 2019

- Collaboration between :
  - Farmer and contractor Witdouck
  - INAGRO
  - Case IH & Steyr



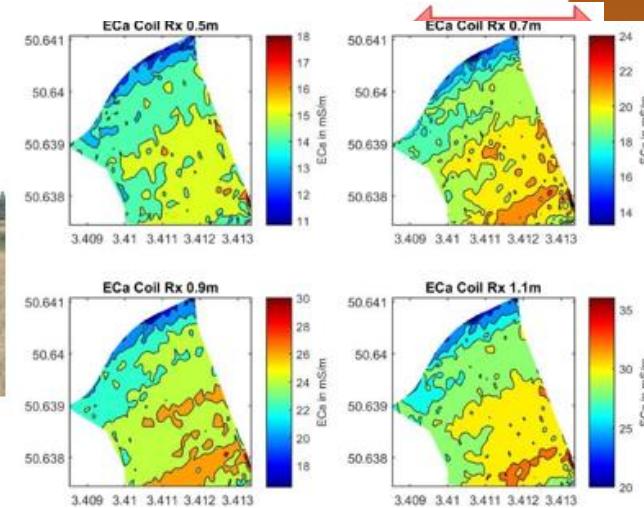
# Precision Farming Project CaseIH & Steyr PE 2019



# Precision Farming Project Case IH & Steyr

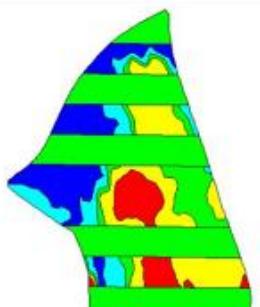
- All precision farming techniques used in practice

- Drone/satellite data
- Yield maps
- Tractor data
- Sensor data
  - SoilXplorer
  - CropXplorer
  - ...
- Prescription maps



- 1 field divided in 2

- 1 parcel without precision farming
- 1 parcel with precision farming



europes.com



# Precision Farming Project CaseIH & Steyr PE 2019

- Situation
  - Variable planting on 18 April
    - Variation from 28cm to 36 cm, red, yellow, green and blue strips.
  - Variable fertilization 2nd week of June
    - Measuring via CropXplorer
    - Based upon advice of Inagro
  - Weather station : WeatherXact , extra information that can be helpful for spraying
  - Variable foliage killing
    - Depends upon the situation of the crop



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# Precision Farming Project CaseIH & Steyr PE 2019

- Target

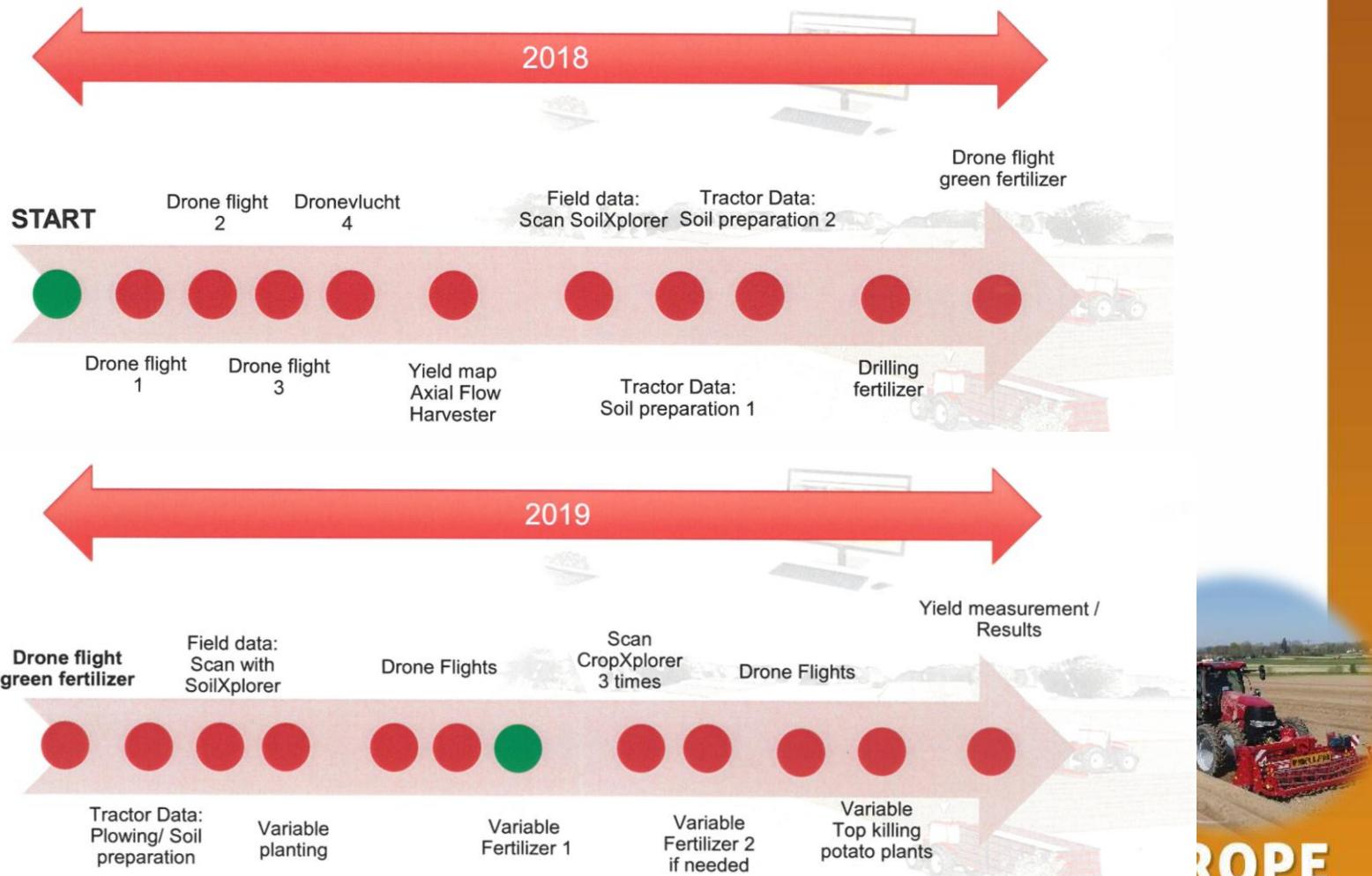
- Precision farming is more than just driving with a 2 cm accuracy
- To test systemen to the practice, intelligent data can be useful
- Let interact the different technologies with each other
- Show how far “Case IH & Steyr” stands with its technology in potato culture
- Show the economic advantages for the farmer
  - X wants to grow cheaper
  - Y wants higher yields



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# Precision Farming Project Case IH & Steyr PE 2019

- The different phases where precision farming has had an impact



# CARAH

- **Analyses** (soil, water, fertilisers, food technology, bacteriology (auto-control ...), nematology, viruses, ...)
- **Cultivation**: observation networks with alert reports, implementation of trials, advice to farmers
- **Stock farming**: dairy cattle, goats
- **Agricultural & horticultural training** (cheese production, care of trees ...)
- **Agricultural bookkeeping**, traceability & certification,
- **Woodland, nature and environment**
- **International collaboration**



[www.potatoeurope.be](http://www.potatoeurope.be)

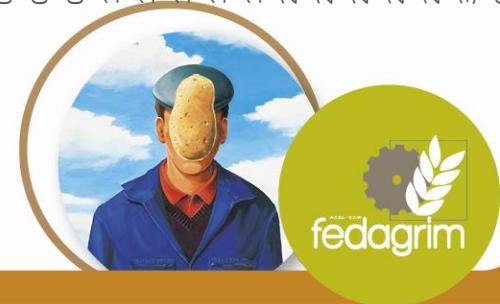
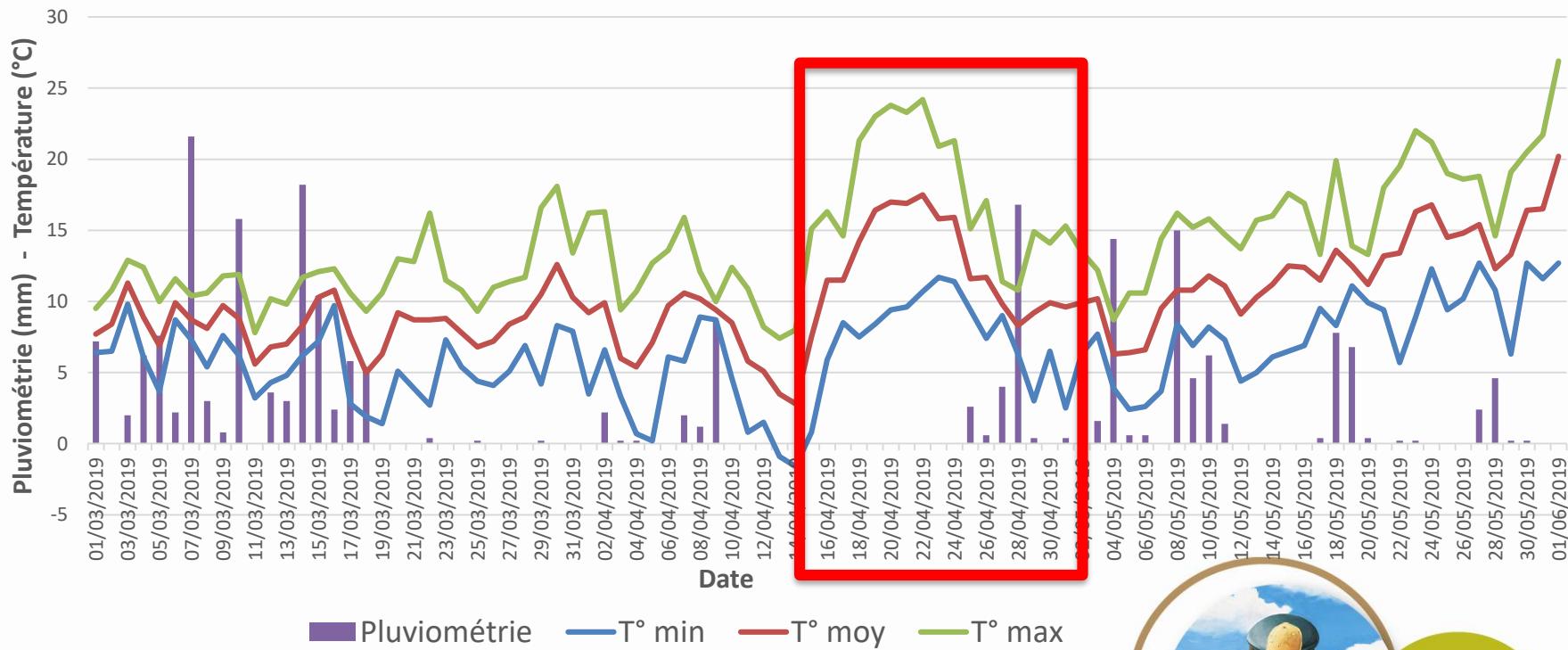
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# The CARAH and potatoes

- Potato crop alerts for 30 years
- Quality assessment of potatoes
- Advice on fertilisation and soil analysis
- Identification of viruses, bacteria, fungal disease and nematodes
- Local visits to members by the alerts department
- Implementation of variety, fertilisation and phyto trials
- One of the faithful partners of Potato Europe since 2007.

# Climatic conditions

## Bilan météo station de Melles 1/03/2019 - 1/06/2019



# The production fields

- Basic fertilisation (KCl 60) on 4 April, fluid N (Sulfazote) on 18 and 25 April
- Cultivation:  
tiller, plow, harrow
- Plants: 18, 25 and 26 April  
rotor harrow and planter

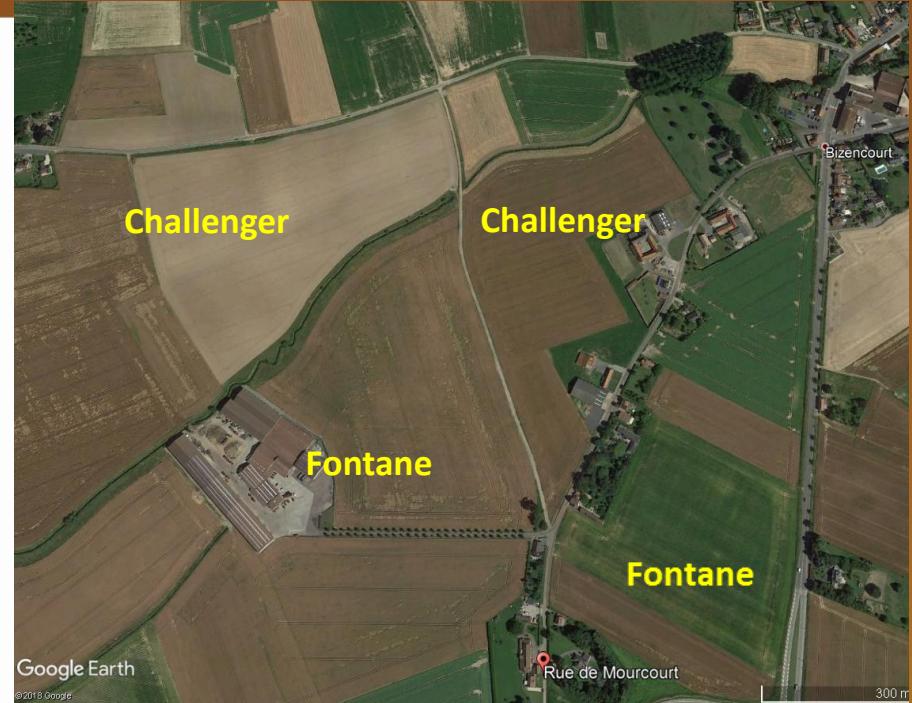


# The production fields

- Varieties

*'Challenger'* caliber 28/35

*'Fontane'* caliber 28/35



- Weed control : 07 May
- Fungicide treatment 31 May



# Demonstrative trial set-up

- No repetition, demonstrative nature
- 8 companies (Agrico, Belchim, Comexplant, Eurochem, Kreglinger, Sirius Minerals, Timac Agro, TMCE) have requested a plot of whom
  - 5 active in fertilisation and stimulation of mineralisation
  - 1 phytopharmaceutical company
  - 2 active in seed plants
- 3 reference plots
  - Fontane, Challenger and Bintje
- 2 plots dedicated to the Interreg project “SYTRANSPOM” (Carah, Arvalis, Inagro, PCA)



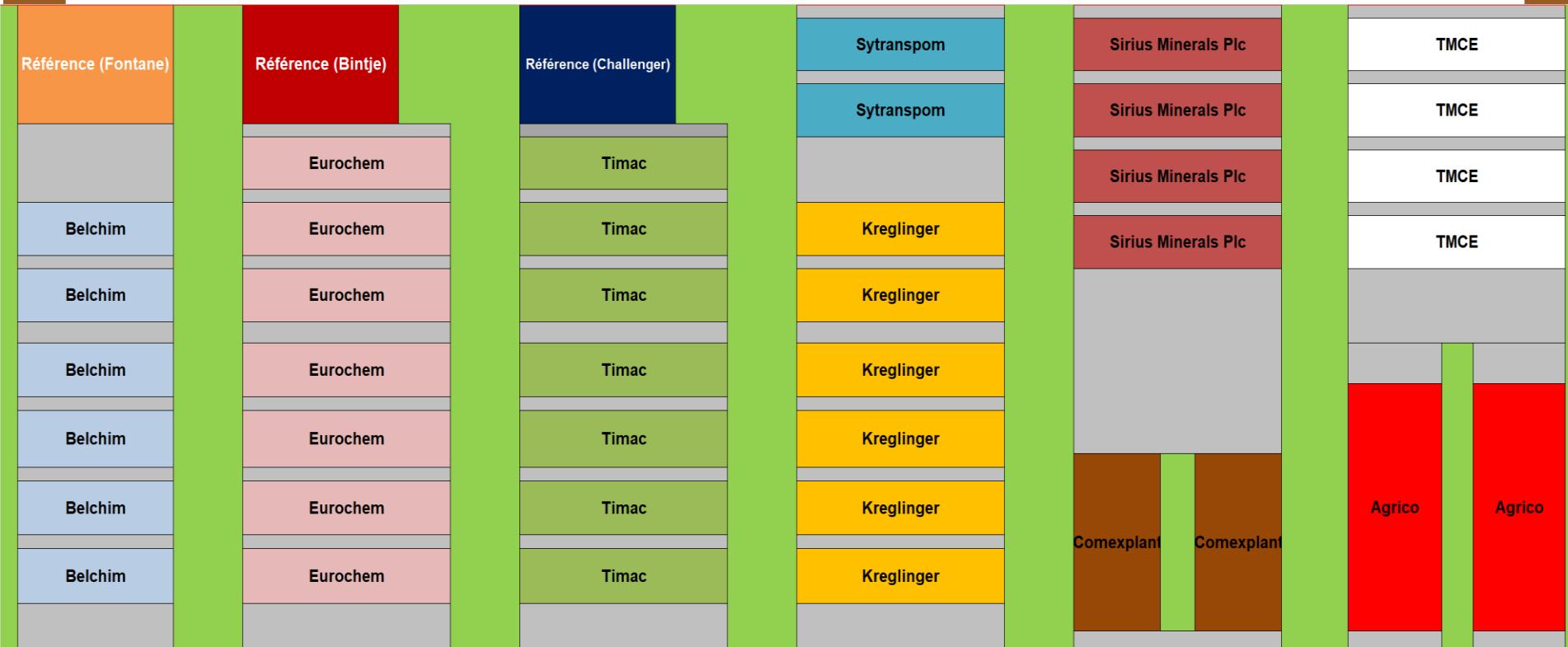
# The trial fields

- Basic fertilisation on 4 April
- Create ridges on 25 April
- Manual planting from 29/04 till 03/05
- First weed control 7 May



# The trial fields

net surface : 27 are



# The visitors

- In 2015 we counted 9.520 visitors
- Expectation for 2019 : > 10.000 visitors
- International nature of PotatoEurope:
  - In 2015 23 % foreign visitors
  - Representatives from 42 countries!
- 2019 : 2.500 foreign visitors



# Kick off : PechaKucha Night “Potato Europe 2019”

- PotatoEurope 2019 Kick-off

- Pechakucha – Night :

- In collaboration with CHOQ
    - 20 images - 20 sec / image => total presentation : 6 min. 40sec
    - Creativity + to the point
    - diversified + something for everyone
    - Subject : the potato
    - 10-tal speakers : Archie Gibson from Agrico UK, Cedric Porter from Supply intelligence , Géry Carbonnelle from CARAH, Marc Devriese from Case, Bernd Kuhlmann from Grimme, ... and some surprises !
    - Groot publiek + press + exhibitors + partners, sponsors , VIP's ...

- At the end of the evening : walking dinner



# PechaKucha Night “Potato Europe 2019”

- Tuesday 03 Septembre 2019 at 19.00
- Theatre de Saint Luc , Tournai



[www.potatoeurope.be](http://www.potatoeurope.be)

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# PechaKucha Night “Potato Europe 2019”

- Start : 19.00 (welcome as from 18.45)
- Income : 12 EUR
- Info and subscriptions :
  - [www.choq.be](http://www.choq.be)
  - [choq@choq.be](mailto:choq@choq.be)
  - <https://www.facebook.com/PechaKuchaTournai/>



# Entry and registration

- Tickets available
  - on-line ([www.potatoeurope.be](http://www.potatoeurope.be)) : 12 €
  - at the entrance: 15 €
  - or with an invitation from an exhibitor
- All visitors must register
- On-line or at the entrance (with risk of queues)
  - every invitation => individual code
  - visitor should surf to [www.potatoeurope.be](http://www.potatoeurope.be)
  - insert code and confirm e-mail address
  - by return: mail with barcode = entry ticket



# Parkings

- 1<sup>st</sup> P<sub>visitors</sub> : ch. de Renaix, next to the PE site
- 2<sup>nd</sup> P<sub>visitors</sub> : ch. de Renaix, right across the first parking
- 3<sup>rd</sup> P<sub>visitors</sub> : parking Tournai Expo + shuttle to and from the PE site



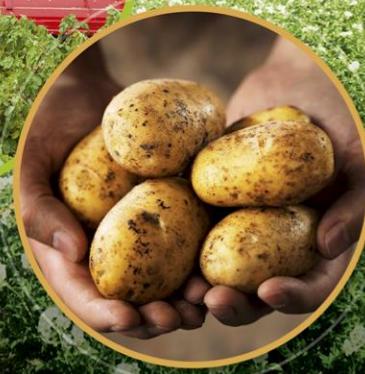
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Thank you !