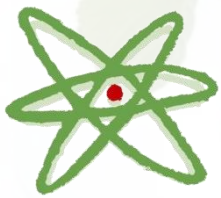




Country report Belgium

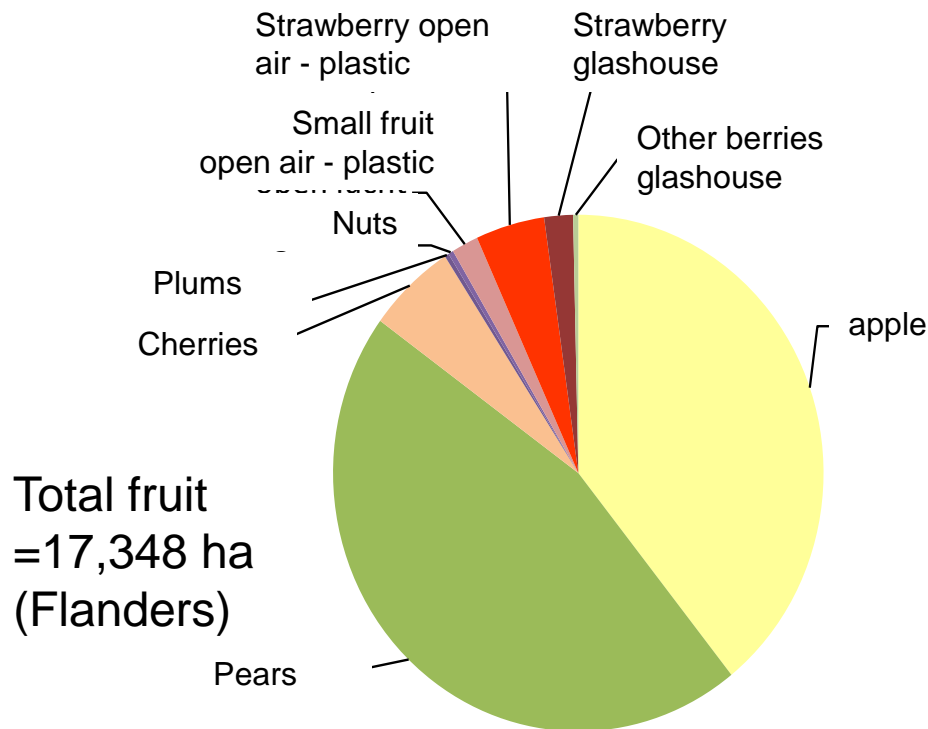
Dany Bylemans

Eufirin Board Meeting, Leuven (B), 10 November 2016



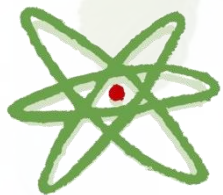
General tendencies

- Total acreage remains constant but major shifts:



- Pear is replacing apple
'Jonagold in crisis'
- High interest for cherry but...
 - * Little Cherry Virus
 - * Drosophila suzukii
- High interest in small fruits
 - * Strawberry : increasing
 - * Raspberry : strong increase
 - * Blackberry: slight increase
 - * Blueberry: increasing
 - * Red currant: slight decrease
 - * kiwi berry (Hardy kiwi) constant
- Viticulture : +20%/year (300 ha)

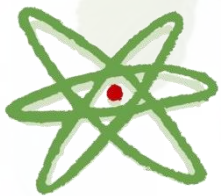
- 23 June 2016: severe storm in main production area with lots of fruit and infrastructural damage



Fruit Research in Belgium



CRA Gembloux

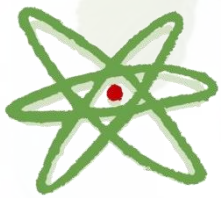


Novel research themes in PCFRUIT



St-Truiden, Belgium

- 58 ha infrastructure dedicated for fruit research
- 104 employees
- Structure:
 - Demonstrative Field Research: pome, stone, strawberry, small fruit, viticulture
 - Applied scientific Research
 - phytopathology
 - entomology
 - pomology and plant physiology
 - environment and technology
 - Grower Advisory services
 - Services to companies
- * > 800 growers as member



concept 'Fruit production in the future' for 4 crops:

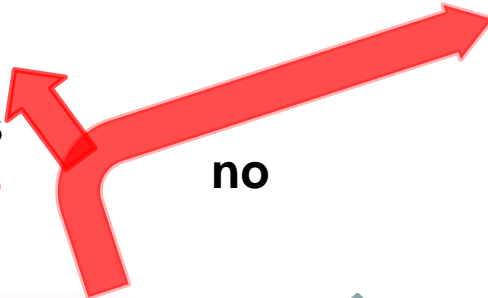
(proven results by multi-year experiments or finished projects)

As is



To be

yes
Applied by majority?

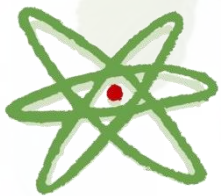


no

- To measure/be improved:
- easier
 - Quantity
 - Quality
 - cost
 - Time saving
 - More robust/ less risk
 - More sustainable
- > **FINANCIAL RETURN !!!**

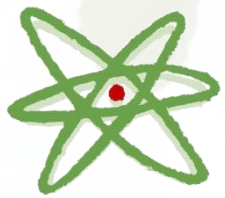
Technical committee of growers



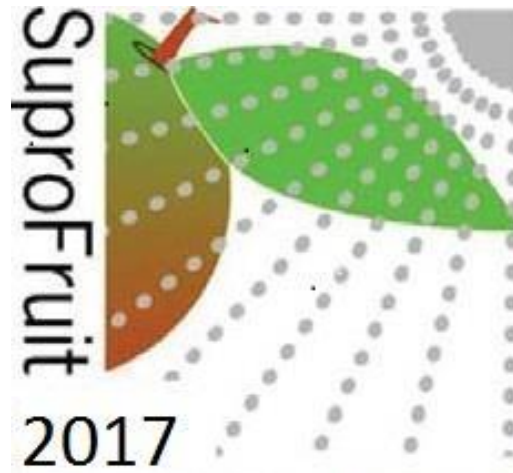


Other...

- Launch of Platform (app) for Registration and Decision Support
- Remote sensing by drones for fire blight detection, drought stress, production estimates, ...
- Organic production and biodiversity
- Reduce nitrate leaching and N-residue in soil
- Better understanding of N-fertilization (strawberry, pear): uptake, transport in the plant, fruit quality, organic matter, ...
- Integrated approach fire blight control
- Emerging pest and diseases: Stemphilium, Pestalotiopsis, Drosophila suzukii, Little Cherry Virus, ...
- ... and so much more -> www.pcfruit.be



Coming soon...



14th Workshop on Spray Application Techniques in Fruit Growing

10-12 May 2017, Hasselt, Belgium

= WG Application Technology of Eufirin ???