



Commodity Expert Group
Seeds

Experience and expectations from CEG Seeds

18 February 2020 - Gea Bouwman (Plantum)



Some background: seeds?

- Seed production: good starter material

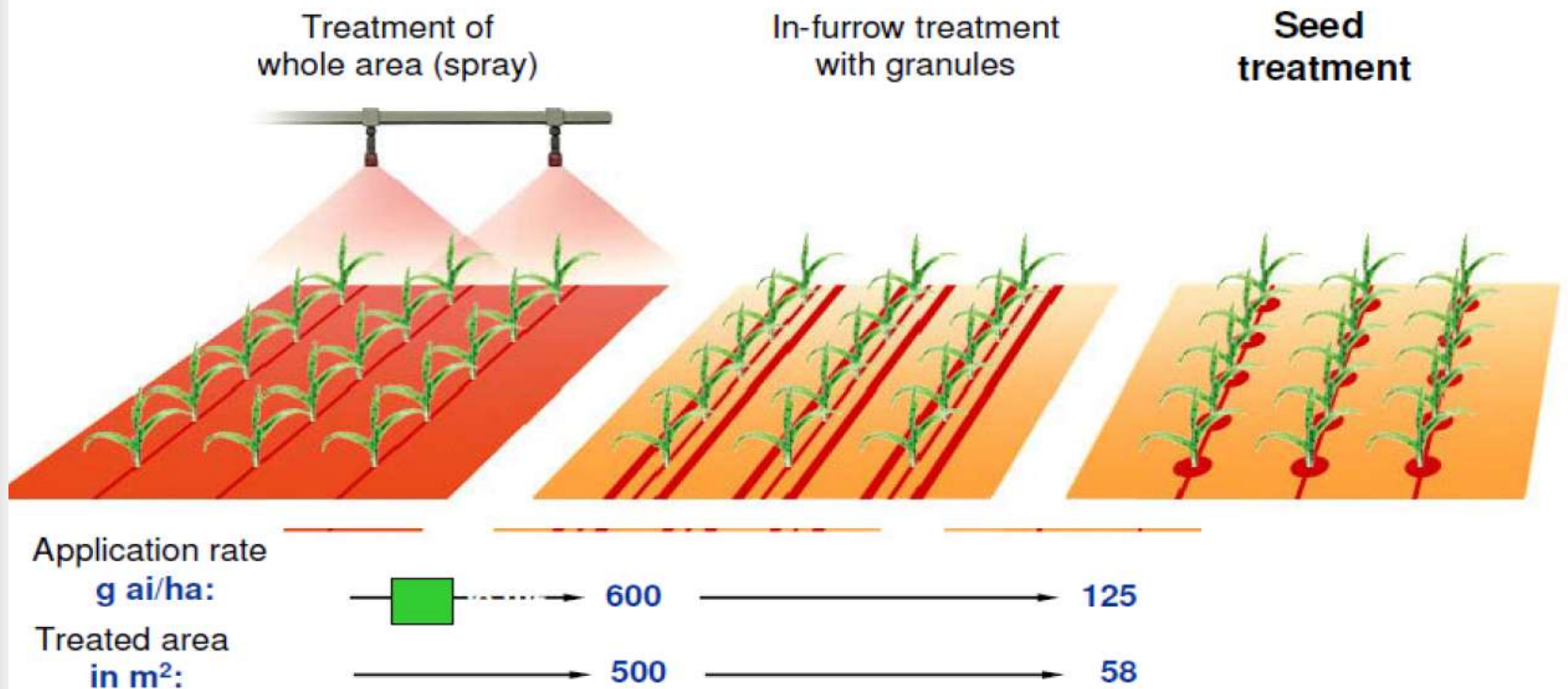


- Seed treatment: crop protection through seeds



Healthy, high quality seeds, with effective pest and disease control in seed production, and seed treatment with protection against pest and diseases: **important tools in Integrated Pest Management!**

The advantages of seed treatment: doing MORE with LESS



Up to 99% less active ingredient, more targeted



European Union : a perfect environment to produce and process seeds

- Geopolitical stability
- Diversity of soil and climate
- Close to large markets
- Know how of seed farmers
- Modern machineries, equipment, irrigation
- High technical plants to process seeds
- Regulation in place to assure the seed quality (Marketing Directives, Plant Health Regulation, etc.)



European seeds are sold all over the world

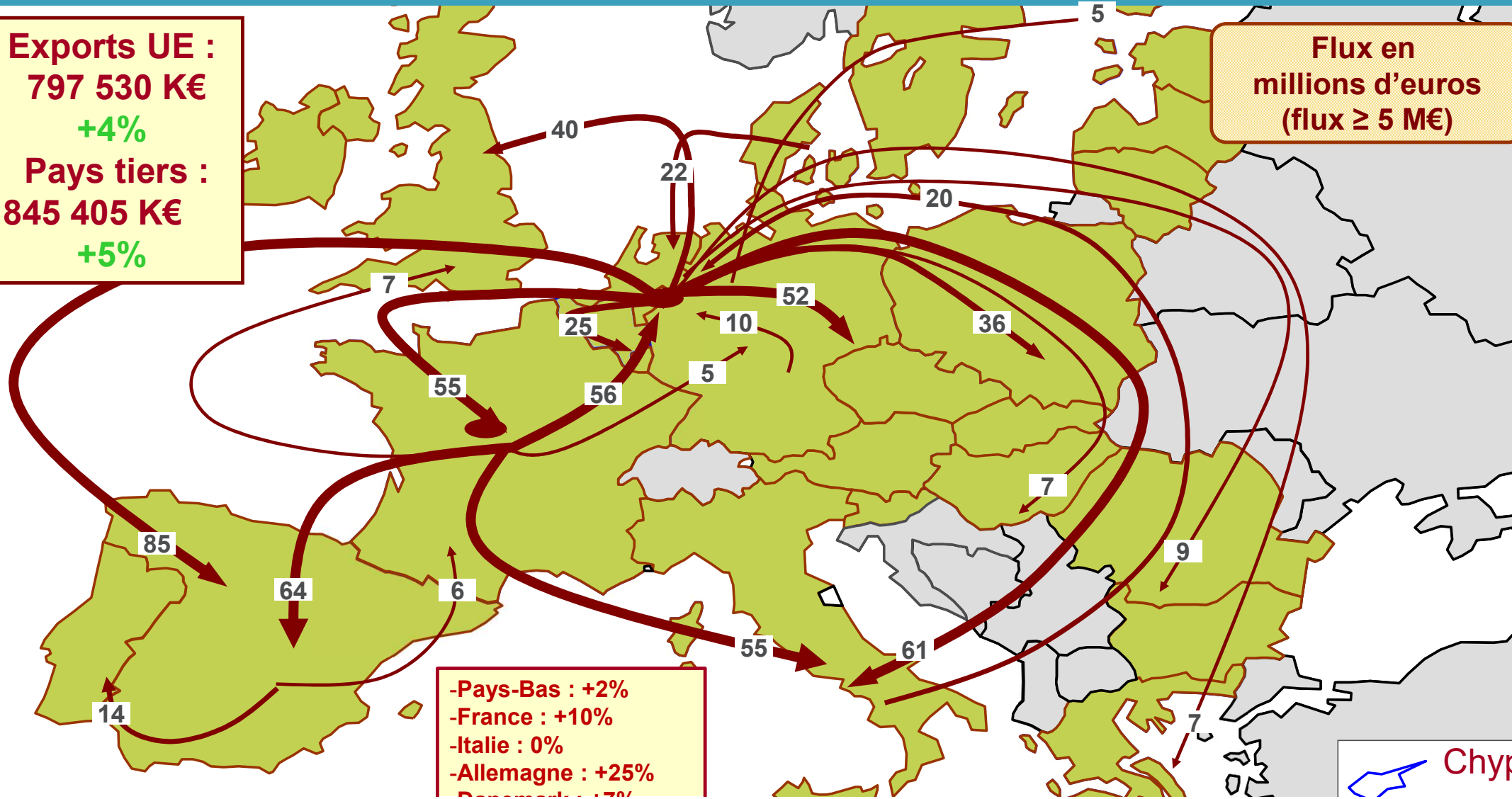
- 62 % of the worldwide export of seeds come from the European Union
 - European seeds: 60% trade inside the EU / 40 % export outside the EU
 - Export outside EU: main countries are Russia, Ukraine, USA
 - Trade inside the EU:
 - specialisation in some countries (for example: France – maize; Germany and France – Oil Seed Rape and cereals; the Netherlands – vegetables and flowers; Denmark, the Netherlands and Germany – forage grasses);
 - many movements inside EU!
- European (and worldwide) market
→ need for European solutions!
→ Need for Minor Use Coordination Facility!



Small seed vegetables

Exports UE :
797 530 K€
+4%
Pays tiers :
845 405 K€
+5%

Flux en millions d'euros
(flux ≥ 5 M€)



-Pays-Bas : +2%
-France : +10%
-Italie : 0%
-Allemagne : +25%
-Danemark : +7%

Chypre

Some background: Minor Uses?

- Seed production: minor in acreage
- Minor in use (kilogrammes of plant protection product)
- Seed treatment: used on many minor crops
- Seed production: due to specific cultivation aspects also very specific minor crop protection needs

Critical issues:

- Many (very) minor uses and limited interest from crop protection industry
- High regulatory requirements for authorisation of ppp's
- Lack of EU (and worldwide) harmonisation

Euroseeds WG Minor Uses → CEG Seeds under the MUCF



What does the CEG Seeds do? (1)

Lists of minor use **needs**

Seed production

Desiccants

FR - Alfalfa, crucifers, vegetable crops (e.g. radish, carrot)

GR - Alfalfa

DE - Arable crops, seed potatoes

NL - Seed potatoes,

NL+IT - Interest for arable crops and vegetables tbc

UK - Seed potatoes

HU+ES - Arable crops

Weeds

Difficult and invasive weeds for a **wide range of crops** (vegetables, PPPAM, flowers, grasses, legumes...)

Seed treatments

Damping off diseases/Ascochyta - All vegetables and ornamental crops, some arable crops (eg. legumes).

Alternaria/Phoma - All vegetables crops, some arable crops (eg. Linseed), some ornamental crops

Pythium/Perenospora - All vegetables and ornamental crops, many (major and minor) arable crops

Aphids - Lettuce, endive, cabbage (and aphids as vector of virus in arable crops such as sugarbeet and chicory)

Flies - Bean, cabbage, carrot, onion, some arable crops

Fungal diseases

Powdery mildew (beet, forage legumes, vegetables, PPAM flowers)

Alternaria, phoma (crucifers)

Rusts (grasses, forage legumes)

Late blight, rust, leaf spots, phoma (vegetables)

Insects

Lixus (beet)

Inflorescence pests – tychius (alfalfa), clover seed weevil

Aphids (all crops)

Stink bugs - lygus (Apiaceae), alfalfa and other vegetable crops

Flies (vegetables)

Soil, inflorescence and/or seed pests (all crops)



What does the CEG Seeds do? (2)

- Exchange on possible solutions (crop protection products and methods, agricultural practices)
- List of projects
- Keep an eye on (re)registration of active ingredients (both chemical and biological)
- Exchange on research
- Exchange on regulatory developments
- Exchange with CEG Fruits & Vegetables on different kind of solutions for shared minor use needs (seed – soil – foliar etcetera)





Experiences and expectations MUCF (1)

- Enlarged network to work on solutions
 - More European countries; authorities and other stakeholders (eg. CEG Fruits & Vegetables); crop protection industry through IBMA and ECPA; research; etc.
 - Not only chemical solutions, but also biological solutions, biostimulants, other agricultural practices, methods, etc.
- We need to enlarge our approach and combine solutions!
- We need EUROPEAN (and worldwide accepted) solutions!





Experiences and expectations MUCF (2)

- Guidance and harmonisation
 - Development of Guidance Document Minor Uses;
 - harmonised approach for art. 51 (Minor Use authorisation) for seed treatment;
 - work on EU harmonised status of crops (minor/major crops)
- Spokesman, knowledge centre and coordinator for minor uses
 - At renewal inform SCoPAFF about minor use issues;
 - international contact point (for example for Global Summits)
- Practical help and tools
 - EUMUDA;
 - search databases for solutions (eg. Homologa searches)





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Thank you for your attention!

