

Bayer CropScience products for blackcurrants, update of potential solutions in EU



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Bayer CropScience Poland solutions in blackcurrants in season 2014

Insecticides:



Fungicides:



Herbicides:



Comment: Zato (Flint) first season of registration in Poland- 2014

Movento 100 SC and Luna Sensation 500 SC
- new Integrated Pest Managements tools
in blackcurrant protection



Luna[®]

MOVENTO[®]



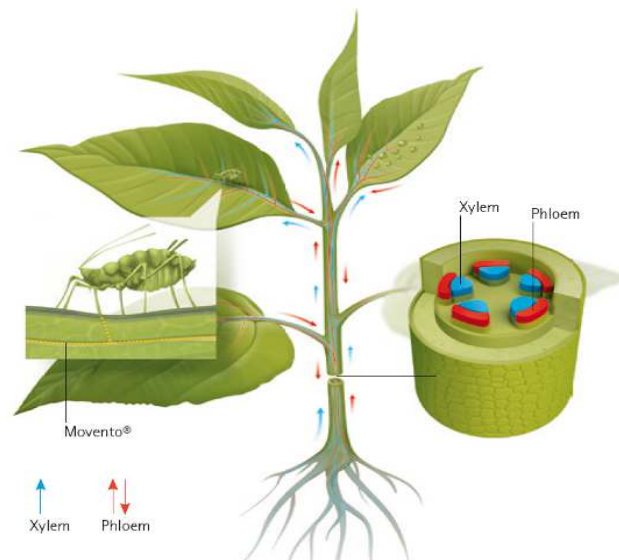
InHort
SKIERNIEWICE



Bayer CropScience

Movento 100 SC (spirotetramat)- general information

- New chemistry/ new mode of action
- No cross resistance with existing chemistry
- Long-lasting control = profitability and savings
- Respects and works hand in hand with beneficials
- Complies with food chain requirements



Movento 100 SC- planned GAP in currants in EU

target	crop	formulation	timing	dose	water	number of applications	PHI
1. aphids 2. midges 3. bigbud gall mite 4. scales 5. two spotted mite*	Currant: black, red, white	100 SC	after flowering to harvest	0,75 L/ha	500-750 L/ha	1--2	14 days

*Efficacy in mites control- only vs. young stages

EU MRL for spirotetramat will be published by EU in 3-4Q 2015

Registration possible in 2016





Luna: family of products

Luna®



Fluopyram SC 500 g/l

Vegetables: *Botrytis* and *Sclerotinia*.



Fluopyram + Tebuconazole SC 400 g/l

Apple, stone fruits and vegetables: *Botrytis* and leaf diseases



Fluopyram + Trifloxystrobin SC 500 g/l

Fruits and vegetables: *Botrytis* and leaf diseases



Fluopyram + Triadimenol SC 500 g/l

Powdery mildew specialist for vegetables



Fluopyram + Pyrimethanil SC 500 g/l

Apples (outside EU): scab, *Botrytis*, *Alternaria*



Luna Sensation 500 SC- planned GAP in currants in EU



target	crop	formulation	timing	dose	water	number of applications	PHI
1. powdery mildew 2. antracnose 3. rust 4. grey mould	Currant: black, red, white	500 SC	flowering to harvest	0,6-0,8 L/ha	500-750 L/ha	1--2	14 days

Conclusion:

With Luna protection vs. main currants fungal diseases

EU MRL for fluopyram will be published by EU in 3-4Q 2015

Registration possible in 2016

Efficacy in currants

Powdery mildew	Antracnose	Rust	Grey mould
++++	++++	++++	++++

Serenade ASO in blackcurrant

Biological fungicide



Target and technical comments:

- Product based on patented strain of *Bacillus subtilis* (QST 713)
- Major target: Botrytis, powdery mildew
- No residues/ No MRLs!
- Better as preventive than curative application

Status in Poland:

- Registration Q3 2015
- Dose max 8 L/ha
- Crops: strawberry, carrot, pepper, grapes, lettuce, tomato
- Label extension in blackcurrant 2016?



Serenade_Video.wmv

Status in other countries:

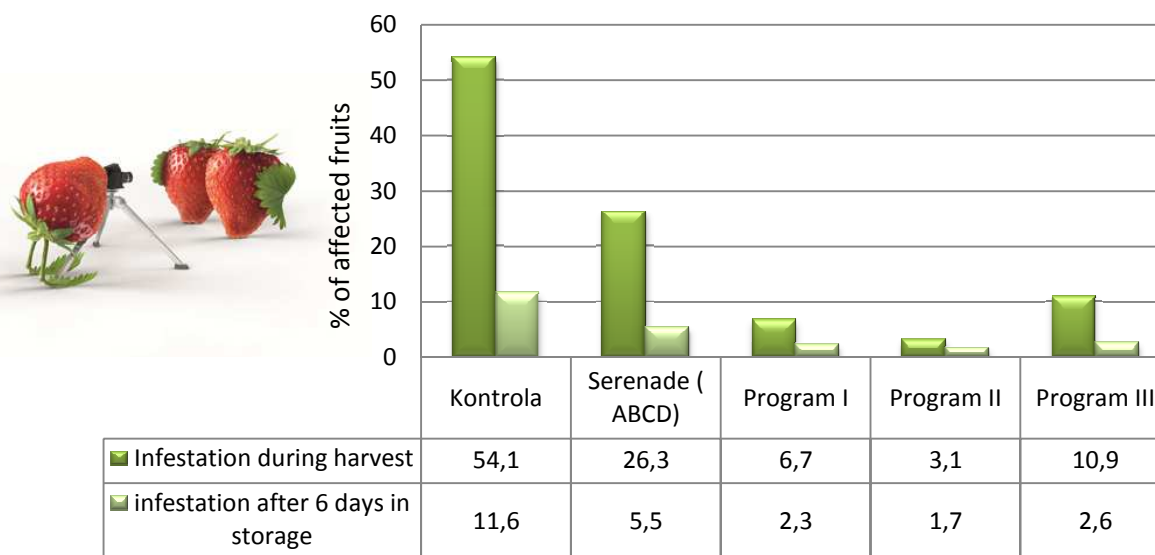
- In the Netherlands registered in all berries, UK as off-label
- Other countries: registration in process



Serenade ASO in strawberry InHort 2014:



Serenade ASO vs. *Botrytis* in strawberry var. Marmolada
(4-5 applications, at blossom and after blossom)



Conclussion Serenade:

- Serenade solo- efficacy 50%
- Possitive effect on yield during harvest and after 6 days storage if application in programme with chemical products

	Application code
Program I	
Pomarsol Forte 80 WG	A
Luna Sensation 500 SC	B
Luna Sensation 500 SC	C
Teldor 500 SC	D
Program II	
Pomarsol Forte 80 WG	A
Luna Sensation 500 SC	B
Luna Sensation 500 SC	C
Teldor 500 SC	D
Serenade ASO	E
Program III	
Luna Sensation 500 SC	A
Luna Sensation 500 SC	B
Serenade ASO	C
Serenade ASO	D
Serenade ASO	E

Bayer CropScience solutions in blackcurrants current status and future potential

Insecticides:



Fungicides:



Herbicides:



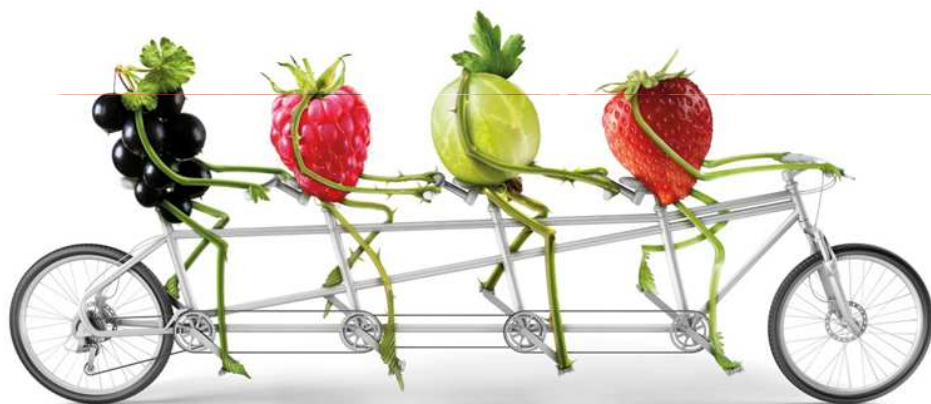
Comment: first year of sales depends on EU and country registration processes

Conclusions and future actions:



- › We offer 3 new products for blackcurrant protection
- › Our products meets IPM requirements
- › Please contact BCS team on countries level if any support is needed
- › Further products are in testing stage (aphicide and miticide).
- › More data will be presented during IBA Conference 2016

Let's ride together !



Luna[®]

SERENADE[®]

MOVENTO[®]



Bayer CropScience