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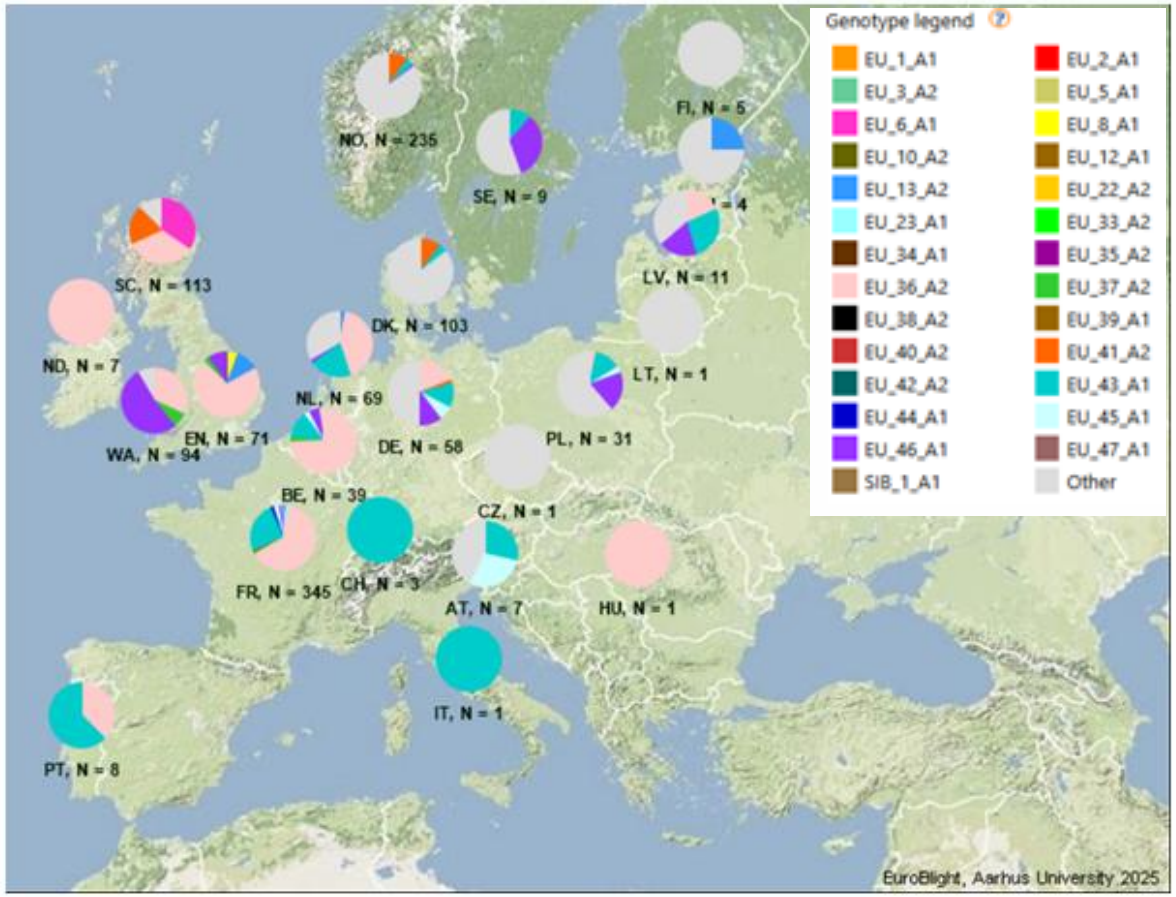
Divexo®

Multiply advantages for robust results!

Euroblight Workshop
May 20 2026
Ourense, Spain

Potato blight – population shift conditions the control strategy

Phytophthora infestans genotypes are changing more rapidly over the last 10 years. These **new genotypes have associated resistance to some of the most widely used fungicides.**



In order to effectively control late blight:

- ✖ Knowledge on evolving population (genotype and phenotype)
- ✖ Follow Integrated Crop Management (resistant varieties, crop rotation, use of fungicides)

Rotation of fungicides with different mode of action in spray programs is key.

Source: Cooke et al. (2024). A Dynamic decade: shifts in populations of *Phytophthora infestans* in Europe and consequences for late blight Management. Euroblight Workshop 2024. updated with 2025 dara from Euroblight Website

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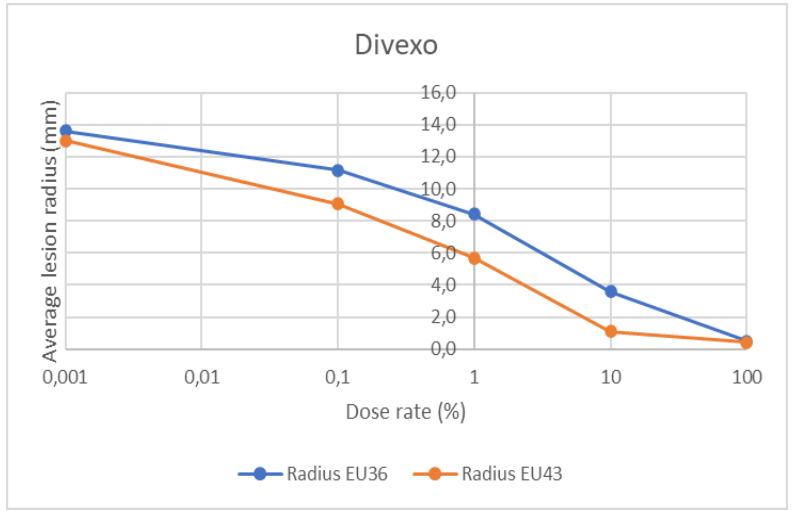
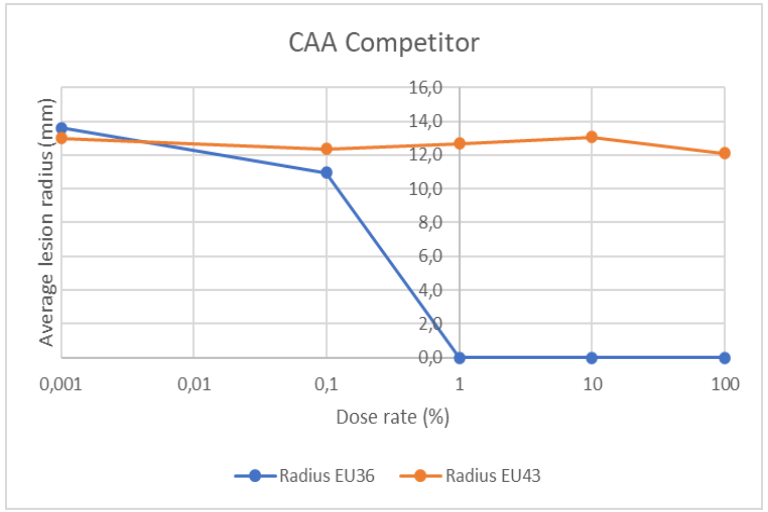
Divexo®, an important tool for resistance management

Susceptibility of PHYTIN EU36 and EU43 to **Divexo®**





Divexo® effectively manages key *P. infestans* lineages when applied preventively at the recommended rate in spray programs.

BASF NL, conducted by PPO Lelystad, 2023.

Divexo® – designed for potato and vegetables growers

- **Synergy** of two different active ingredients **results in robust protection** in the mid season late blight segment
- **Resistance Management** built-in thanks to the unique combination of two different modes of action
- **Perfect alternation partner** for resistance management in spray programs
- **Broad label**, including field tomatoes, onions and lettuces
- **Easy to use** ready-mix product with excellent rainfastness and UV stability

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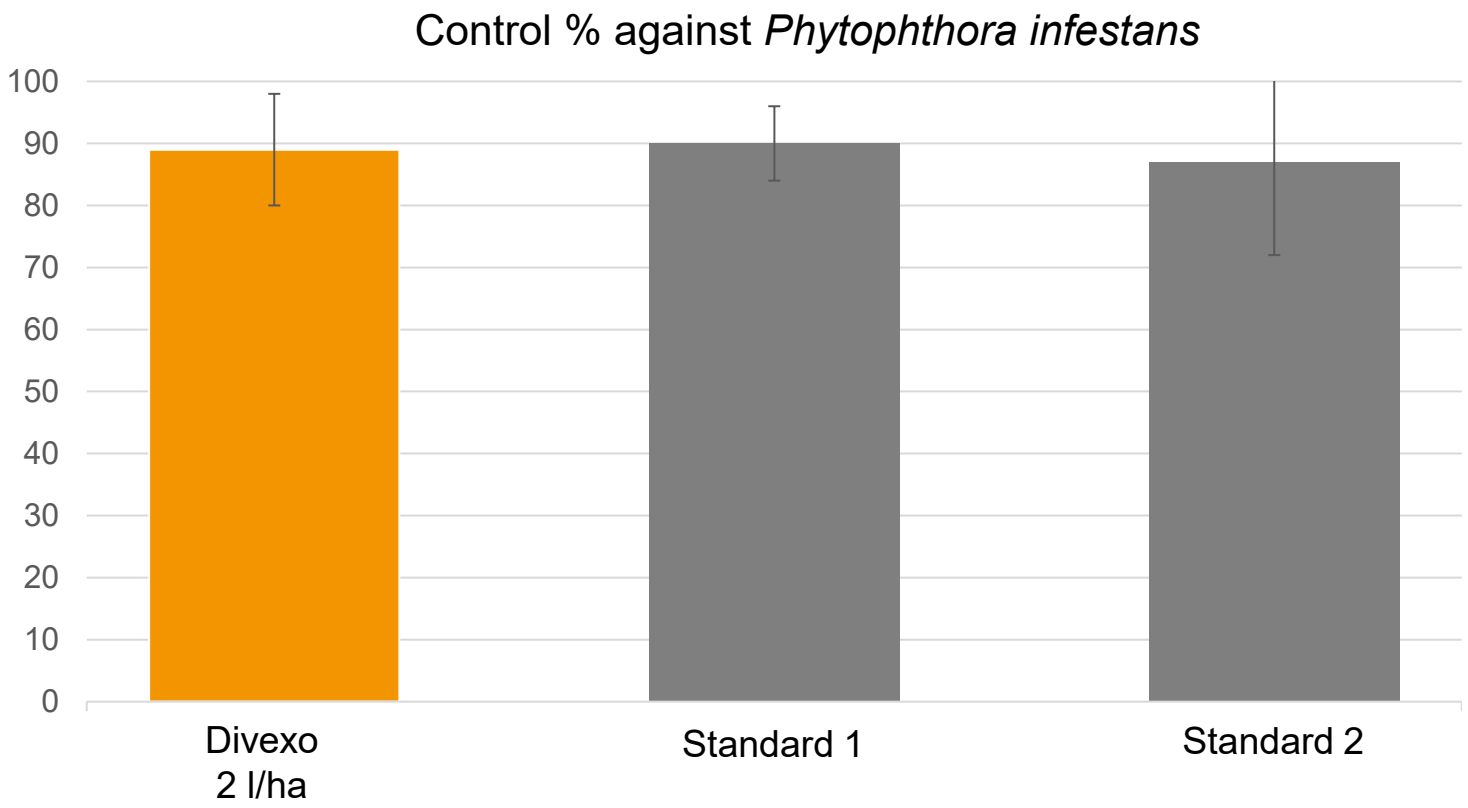
Divexo® performs consistently under very strong disease pressure in potatoes

87% Infection in untreated



- Even at very high disease pressure **Divexo®** performs on the level of market standards

BASF field trials Europe 2020-2024, n=11 // Season long application at BBCH 59-87 // Error bar = standard deviation

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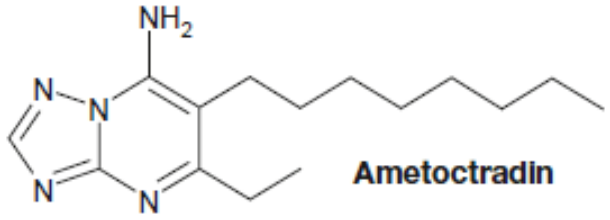
Divexo® mode of action = INITIUM® plus PROPAMOCARB

Unique “double” single-site inhibitor

C8: Inhibition of complex III 45

Cytochrome bc 1 (ubiquinone reductase) at Qi site and at Qo site (stigmatelline binding mode)



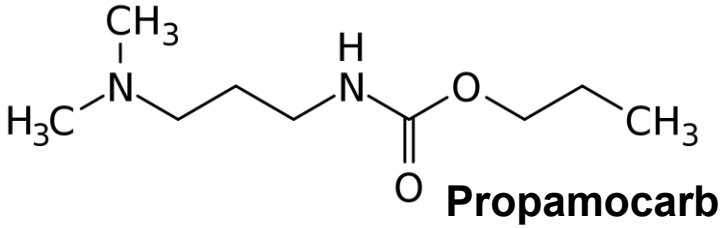
Ametoctradin

Triazolo-pyrimidylamine

- **Initium®** is a double single-site inhibitor of the Complex III of the mitochondrial respiratory chain
- FRAC classification: QioSI* (Quinone inside and outside inhibitor (Stigmatelline binding mode)
- **Initium® mode of action is unique**

reliable systemic partner

F4: cell membrane permeability, fatty acids (proposed) 28



Propamocarb

Carbamates

- **Propamocarb** interferes with the fatty acids in fungal cells
- Influences permeability of cell membrane→ causing an efflux of cell compounds.

Divexo® expected uptake and mobility profile

	Contact activity	Cuticular absorption	Surface redistribution	Translaminar movement	Apical mobility	Basipetal mobility
Initium®	+ + +	+ + +	+ + +	0	++	0
Propa-mocarb	+ (+)	0	0	+++	+++	0
Divexo®	+ + +	+ + +	+ + +	+++	+++	0

Source: APR/FA Studies on GH tomato plants 2022, 2023

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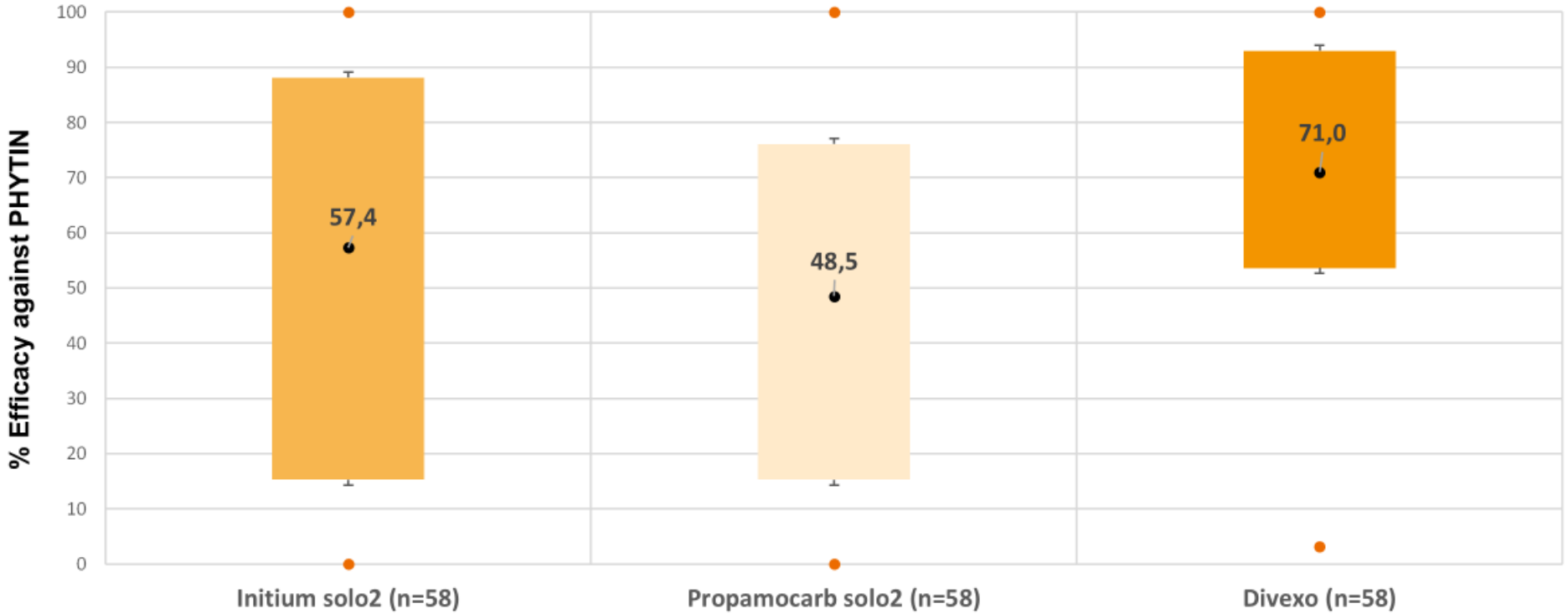
Divexo® – optimal combination for robust results



Avg. infection in untreated control 72,6%

- Summary of 8 trials (UK, RO, NL, IT, GR, PL, FR)
- 58 datapoints
- 2020, 2021
- Assessment: % Infection in Plant

✖ The proven synergy* of the two active ingredients ensures a consistent efficacy against late blight in potatoes

*Synergistic effects observed as per Colby's formula, indicating that the combined effect exceeds the expected additive effect (avg. 67,1%).

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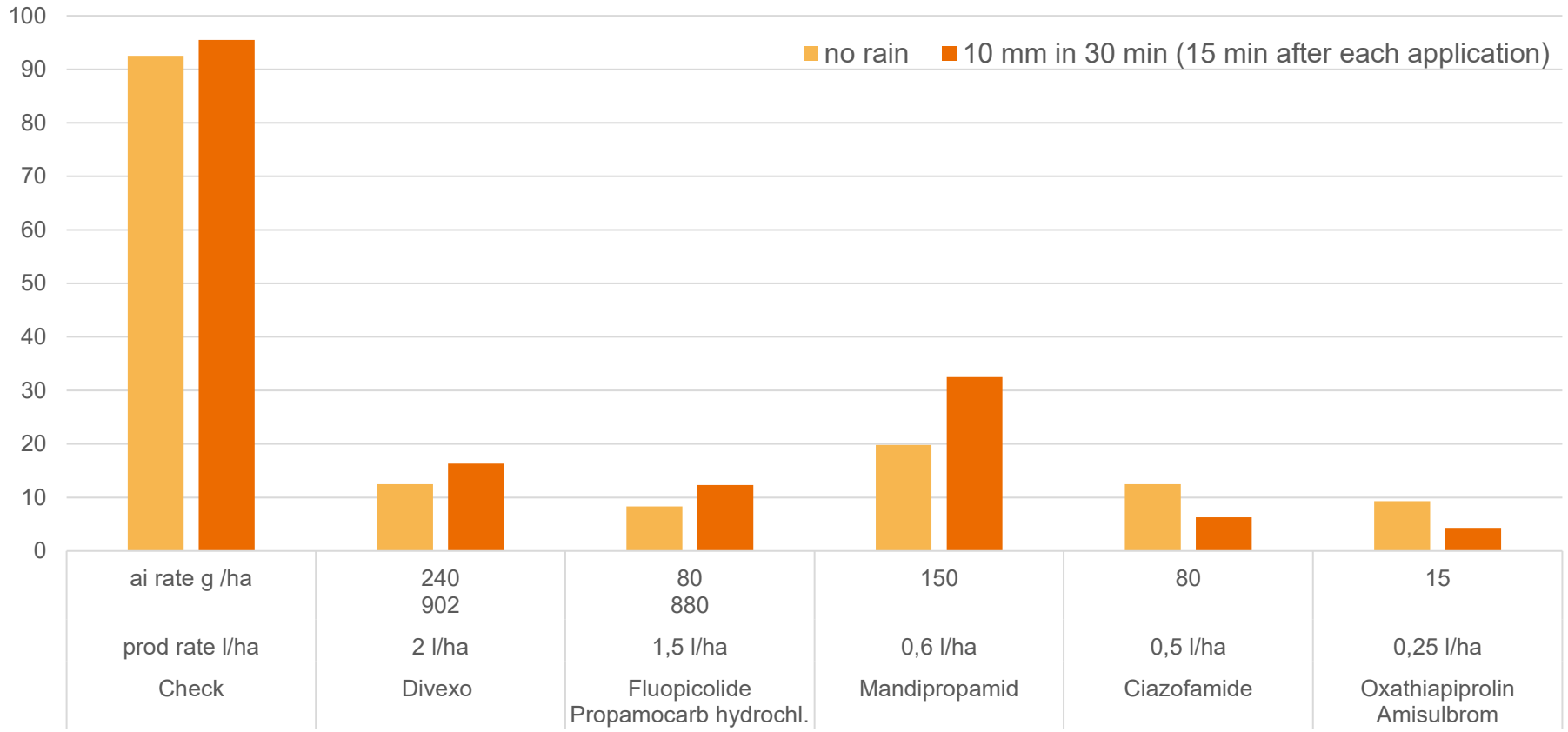
Divexo® shows an excellent rainfastness in potatoes

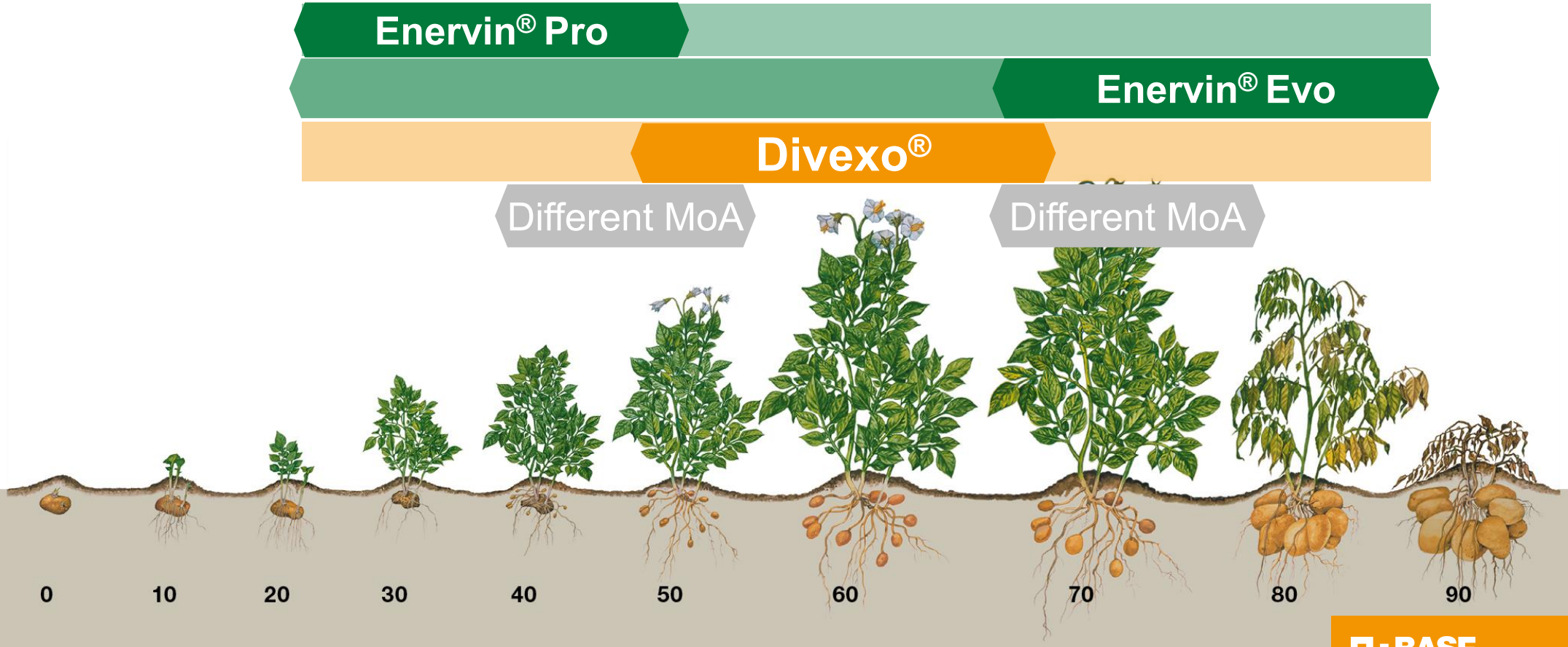
Late blight infection severity in potato leaves (%), 7 days after last application



DEV-F-2024-ZX-P56/59-V-04.0-DE-VTV-303/306 PHYTIN (art. Inok)

Potatoes - Spraying program with Enervin® Pro & Enervin® Evo

- Use **Enervin® Pro** in the beginning as best start for your program (SAR effect)
- **Enervin® Evo:** Quick control under low infection pressure and residue management
- Use **Divexo®** for robust efficacy in the middle of your program



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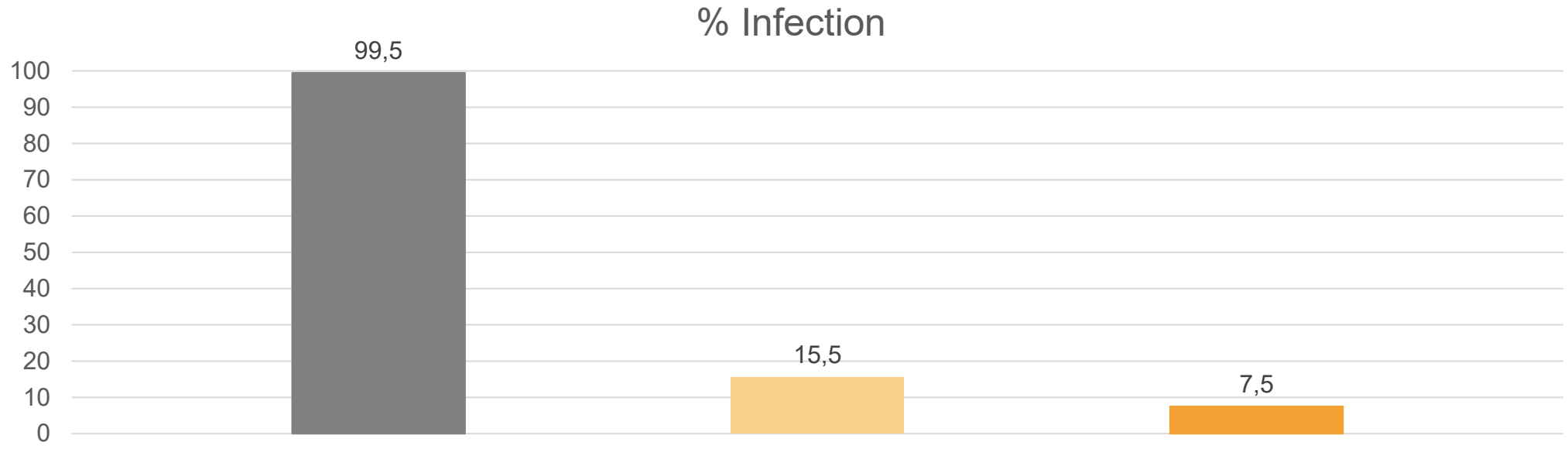
Divexo® is a very reliable solution, even when resistant strains (such as EU43 and EU36) are present



1st	Untreated	Mandipropamid 0,5l + Initium 1l	**Enervin Pro** 3,2l
2th		Mandipropamid 0,5l + Initium 1l	**DIVEXO** 2l
3rd		Fluopicolide + Propamocarb 1,4l	Fluopicolide + Propamocarb 1,4l
4th		Fluopicolide + Propamocarb 1,4l	**DIVEXO** 2
5th		Fluopicolide + Propamocarb 1,4l	Fluopicolide + Propamocarb 1,4l

Market development trial: MKD-2024-BE-901-B-01.0-BE-BE2-001

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Resistance management recommendations for use of Initium® containing products

Potatoes

- Recommend always preventive use, **never use** as curative or erradicant
- Adhere to 5-10 days spray interval as indicated in the label (7-day programs recommended across all products that can be reduced to 5-day under severe blight pressure)
- Maintain label rate when Divexo® is used solo*
- Complete alternation of modes of action is recommended
- Alternation with other co-formulated ametoctradin products (eg Enervin® Pro with built in resistance management) is still possible.
- Recommend max. 4 applications in spray program of Initium containing products*

* For the use in mixtures and limitations in the number of applications refer to the specific country limitations.

Divexo® – product profile summary

Divexo®	
Active ingredients	Initium® (ametoctradin) 120 g/l Propamocarb-hydrochloride 451 g/l (=378g/l propamocarb)
Formulation	SC (suspension concentrate)
Application rate	2 l/ha
Application timing	BBCH 21-89 for potatoes / tomatoes / aubergine BBCH 14-49 for onions BBCH 20-47 for lettuce
Activity spectrum	Downy mildew (*Phytophthora infestans, Bremia lactucae, Peronospora destructor*)
Crops	Potato, tomato, aubergine, onions, lettuce

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Divexo®

INITIUM® × PROPAMOCARB

Multiply advantages for robust results!

- × EFFICACY against *Phytophthora*
- × UNIQUE MODE OF ACTION
- × RESISTANCE MANAGEMENT
- × RELIABLE PARTNER

Now and in the future!

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