



Recommendations for chemical control of Lat Blight 2010 (RO)

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Phytophthora infestans – chemical control

Electis 75 WG 2,0 kg/ha

Shirlan 500 SC (Terminus 500 SC) 0,4 l/ha

Ranman 400 SC 0,2 l/ha + FHS 0,15 l/ha

Curzate Super 3,0 kg/ha

Cymco 72 WP 2,5 kg/ha

Equation Pro WG 0,4 kg/ha

Acrobat MZ WG 2,0 kg/ha

Melody Compact 2,0 kg/ha

Revus 250 SC 0,6 l/ha

Tattoo C 2,5 l/ha

Infinito SC 1,4 - 1,6 l/ha

Ridomil Gold MZ *)
2,5 kg/ha, max. 2 x

primary infection

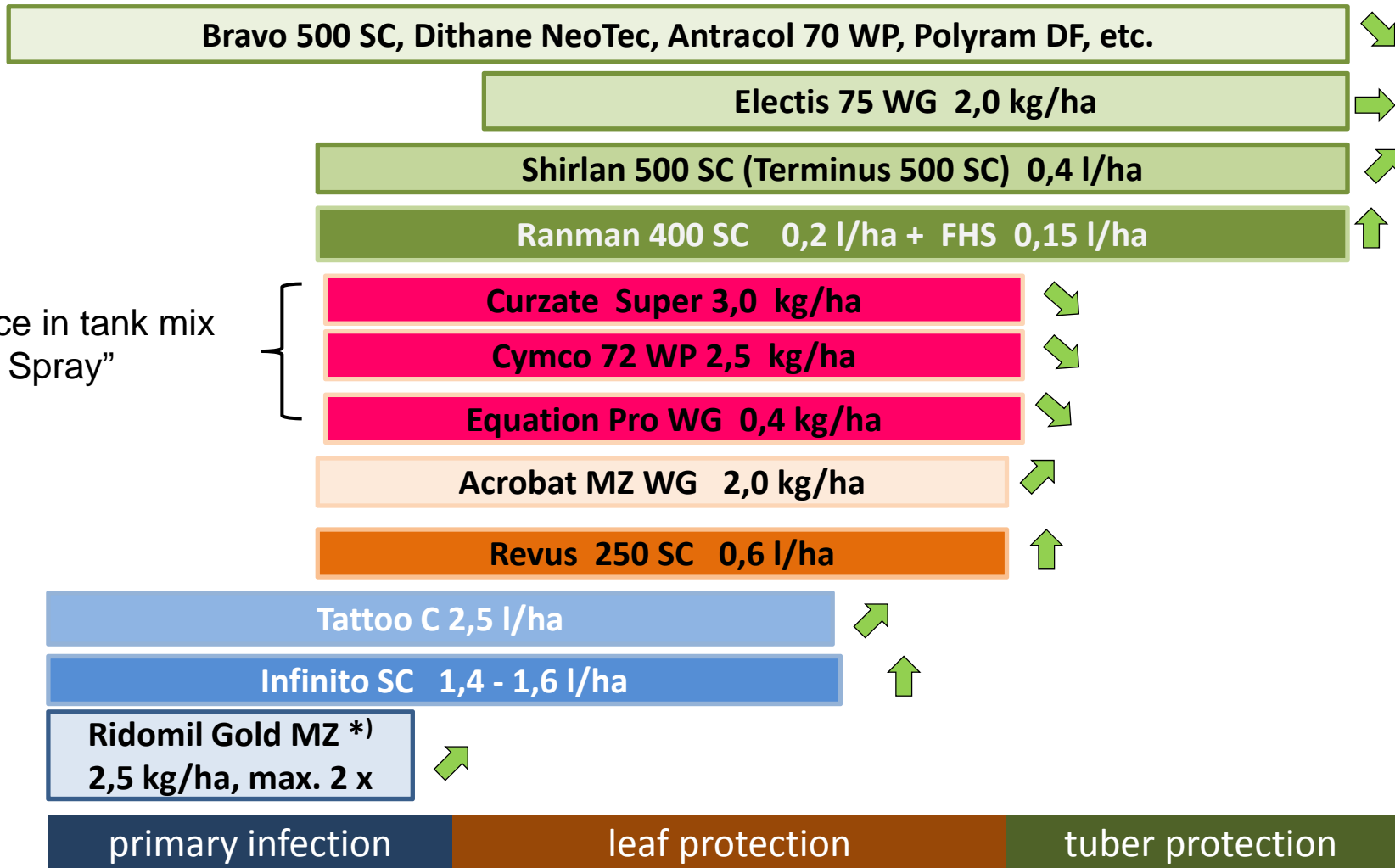
leaf protection

tuber protection



*) FRAC-guidelines to be considered!

Phytophthora infestans – chemical control



first choice in tank mix for "Stop Spray"



*) FRAC-guidelines to be considered!

Phytophthora (late blight): Stop Spray

part 1

local systemic / systemic

1/1 dose

(Equation Pro, Curzate,
Infito)

+

spore killing (contact)

1/1 dose

(Shirlan, Ranman, Electis)

after
2 – 4
days

part 2

local systemic / systemic

1/1 dose

(Revus, Equation Pro,
Curzate, Infito)

+

spore killing (contact)

1/1 dose

(Shirlan, Ranman, Electis)

Fungicides for control of *Phytophthora infestans* (systemic)

product	active ingredient	dose [l – kg /ha]	spraying interval [days]	mobility in plant
Ridomil Gold MZ	Metalaxyl-M * Mancozeb	2,5	7 - 10	systemic + contact
Galben M Fantic M	Benalaxyl * Mancozeb	2,5	6 - 8	systemic + contact
Infinito	Propamocarb Fluopicolide	1,6	7 - 10	systemic + translaminar
Tattoo C	Propamocarb Chlorothalonil	2,5	5 - 7	systemic + contact
Consento 450 SC	Propamocarb Fenamidon	2,0	4 - 6	systemic + translaminar

*) phenylamide – FRAC- guidelines to consider!



Fungizide gegen *Phytophthora infestans* (translaminar)

product	active ingredient	dose [l – kg /ha]	spraying interval [days]	mobility in plant
Curzate Super Cymco 72 WP	Cymoxanil Mancozeb	2,5 – 3,0	4 - 6	translaminar + Contact
Equation pro	Cymoxanil Famoxadone	0,4	5 - 7	translaminar + Contact
Melody duo 66.8 WP	Iprovalicarb Propineb	3,0	6 - 8	translaminar + contact
Acrobat MZ 90/600 Joker	Dimethomorph Mancozeb	2,0	6 - 8	translaminar + contact
Revus 250 SC	Mandipropamid	0,6	7 - 12	translaminar

Fungizide gegen *Phytophthora infestans* (Kontakt)

product	active ingredient	dose [l – kg /ha]	spraying interval [days]	mobility in plant
Shirlan 500 SC	Fluazinam	0,3 – 0,4 l	6 - 8	contact
Ranman Twin Pack	Cyazofamide	0,2 + 0,15	8 - 10	contact
Electis	Zoxamide Mancozeb	1,8	6 - 8	contact
Several products (Dithane NeoTec, Manfil, Vondozeb)	Mancozeb	1,8 – 2,5	6 - 8	contact
Bravo 500	Chlorothalonil	2,0 – 3,0	6 - 8	contact
Polyram DF	Metiram	1,8	6 - 8	contact
Antracol WP 70	Propineb	2,5	6 - 8	contact

Comparison of fungicides for control of *Phytophthora infestans*

EuroBlight, update from 15.01.2010 (extract)

Produkt	Wirkstoff	Effectiveness				Mode of action				
		Leaf-blight*	New growth	Stem blight	Tuber blight	Protectant	Curative	Anti sporulant	Rain-fastness	Mobility in the plant
Ridomil MZ	Metalaxyl M + Mancozeb		++	++	not recommended	++ (+)	++ (+)	++ (+)	+++	systemic + contact
Infinito	Propamocarb + fluopicolide	3.8	++	++	+++	+++	++	++ (+)	++ (+)	systemic + translaminar
Tattoo C	Propamocarb + Chlorothalonil	3.4	+ (+)	++	++	++ (+)	++	++	+++	systemic + contact
Curzate M	Cymoxanil + Mancozeb		?	+ (+)	0	++	++	+	++	translaminar + contact
Equation pro	Famoxadone + Cymoxanil		?	+ (+)	not recommended	++	++	+	++ (+)	contact + Translaminar
Revus	Mandipropamid	4.0	++	+ (+)	++	+++	+	+ (+)	+++	translaminar + contact
Acrobat MZ	Dimethomorph + Mancozeb	3.0	?	+ (+)	++	++ (+)	+	++	++ (+)	translaminar + contact
Ranman	Cyazofamid	3.8	++	+	+++	0	0		+++	contact
Electis	Zoxamide + Mancozeb	2.8	?	+	++	+++	0	0	++ (+)	contact
Shirlan	Fluazinam	2.9	?	+	++ (+)	+++	0	0	++ (+)	contact
Dithane	Mancozeb	2.0	?	+	0	++	0	0	+ (+)	contact

*) based on EuroBlight field test, scale 2 – 5 (5=no attack, 2 = performance of MANCOZEB)