



# ULV Application Chart for Greenhouse Pests

## pulsFOG Dosing Adviser

Trade Product	Active Ingredient	Rate/1000 m <sup>2</sup>					Remarks	
		Minimum** (Starter rate)	Medium (normal rate)	Maximum (pre-tested)	Water (l) +VK-2 special*	nutriFOG (alternatively)		
<b>WHITE FLY • ALEURODES • ALEUROIDI • WEISSE FLIEGE</b>								
Ambush	Permethrin 25%	50 ml	60 ml	70 ml	1,5-2,5	250-500 ml	250 ml	
Decis	Deltamethrin 2,5	80 ml	100 ml	120 ml	1,5-2,5	250-500 ml	250 ml	test blossom first!
Ripcord	Cypermethrin 10%	90 ml	120 ml	150 ml	1,5-2,5	250-500 ml	250 ml	
Sumicidin	Fenvalerat 30%	80 ml	100 ml	120 ml	1,5-2,5	250-500 ml	250 ml	
Aktellic 50	Pirimiphos 50%	120 ml	150 ml	180 ml	1,5-2,5	250-500 ml	250 ml	*not on blooming
Tamaron	Methamidophos 60	250 ml	300 ml	350 ml	1,5-2,5	250-500 ml	250 ml	African Violets, Begonium and Pelargonium
Lannate-20 L	Methomyl 20%	300 ml	350 ml	400 ml	1,5-2,5	250-500 ml	250 ml	
Dedevap	Dichlorvos 50%	200 ml	250 ml	300 ml	1,5-2,5	250-500 ml	250 ml	
Orthen	Acephat 50%	150 g	200 g	250 g	2,5	250-500 ml	250 ml	
Spruzit	Pyrethrum 4%	150 ml	200 ml	250 ml	1,5-2,5	250-500 ml	250 ml	** the dosages mentioned here can be reduced for an- other 20% for plants below a size of 25 cm
Parexan	Pyrethrum 4%	150 ml	200 ml	250 ml	1,5-2,5	250-500 ml	250 ml	
Uden-flüssig	Propoxur 20%	300 ml	350 ml	400 ml	1,5-2,5	250 ml	250 ml	
Cymbush	Cypermethrin	90 ml	120 ml	150 ml	1,5-2,5	250-500 ml	250 ml	
Danitol, Rody	Fenprothrin 2,4 ec	75 ml	100 ml	125 ml	1,5-2,5	250-500 ml	250 ml	
Nexion 40 EC	Bromophos 36%	150 ml	200 ml	250 ml	1,5-2,5	250-500 ml	250 ml	
Talstar EC	Bifenthrin 10%	30 ml	40ml	50 ml	1,5-2,5	250-500 ml	250 ml	
Sumitox	Malathion 50%	200 ml	250 ml	300 ml	1,5-2,5	250-500 ml	250 ml	
Isathrine	Bioresmethrin 10%	150 ml	175 ml	200 ml	1,5-2,5	250-500 ml	250 ml	
Ortho-Dibrom	Naled 50%	200 ml	200 ml	200 ml	1,5-2,5	250-500 ml	250 ml	
Confidor, Gaucho	Imidacloprid 70%	30 g	40 g	50 g	1,5-2,5	0,25-0,5	250 ml	
<b>LEAFMINER • MINEUSE • MINATRICE • MINIERFLIEGE</b>								
Ambush	Permethrin 25%	50 ml	60 ml	70 ml	1,5-2,5	0,25-0,5	250 ml	
Decis <sup>1)</sup>	Deltamethrin 2,5%	80 ml	100 ml	120 ml	1,5-2,5	0,25-0,5	250 ml	test blossom first!
Ripcord 10	Cypermethrin 10%	90 ml	120 ml	150 ml	1,5-2,5	0,25-0,5	250 ml	
Afugan <sup>1)</sup>	Pyrazophos 30%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml	effective against larvas
Hostathion <sup>2)</sup>	Triazophos 42%	40 ml	50 ml	60 ml	1,5-2,5	0,25-0,5	250 ml	
Aktellic 50	Pirimiphos 50%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml	<sup>1)</sup> not on blossoms
Tamaron	Methamidophos 60	250 ml	300 ml	350ml	1,5-2,5	0,25	250 ml	
PD-5/Phosdrin	Mevinphos 50%	60 ml	80 ml	100 ml	1,5-2,5	0,25-0,5	250 ml	<sup>2)</sup> test of tolerance
Thiodan-35 EC	Endosulfan 35%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	necessary
Diazinon-35 EC	Basudin 35%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
Dedevap	Dichlorphos 50%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
E-605-forte	Parathion 50%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml	
Hansa-Nikotin	Nikotin 95%	90 ml	120 ml	150 ml	1,5-2,5	0,25-0,5	250 ml	
Vydate L	Oxamyl 25%	225 ml	300 ml	375 ml	1,5-2,5	0,25-0,5	250 ml	
Dipterex-SL	Trichlorfon 50%	200 g	250 g	300 g	2,5	0,25-0,5	250 ml	
Cymbush	Cypermethrin	90 ml	120 ml	150 ml	1,5-2,5	0,25-0,5	250 ml	
Vertimec	Avermectin 18g/l	50 ml	80 ml	120 ml	1,5-2,5	0,1	250 ml	
Danitol, Rody	Fenprothrin 2,4	75 ml	100 ml	125 ml	1,5-2,5	0,25-0,5	250 ml	
Lindafor	Lindane 75%	80 ml	100 ml	120 ml	1,5-2,5	0,25-0,5	250 ml	
Trigard	Cyromazine	40 g	50 g	60 g	1,5-2,5	0,25-0,5	250 ml	Repeat weekly if necessary

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		Minimum** (Starter rate)	Medium (normal rate)	Maximum (pre-tested)	Water (l) +VK-2 special*)	nutriFOG (alternatively)		
<b>APHIDS • PUCERONS • BLATTLÄUSE • AFIDI</b>								
Hostaquick	Heptenophos 50%	75 ml	100 ml	125 ml	1,5-2,5	0,25-0,5	250 ml	*not on blooming African Violets, Begonium and Pelargonium
Pirimor-G	Pirimicarb 50%	60 g	80 g	100 g	1,5-2,5	0,25-0,5	250 ml	** the dosages mentioned here can be reduced for an- other 20% for plants below a size of test blossom first!
Diazinon-25 EC	Basudin 25%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
Croneton-500	Ethiofencarb 50%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml	
Malathion	Malathion 50%	100 ml	150 ml	200 ml	1,5-2,5	0,25-0,5	250 ml	
PD-5/Phosdrin	Mevinphos 50%	50 ml	60 ml	70 ml	1,5-2,5	0,25-0,5	250 ml	
Unden flüssig	Propoxur 20%	250 ml	300 ml	350 ml	1,5-2,5	0,25-0,5	250 ml	
Hansa-Nikotin	Nikotin 95%	90 ml	120 ml	150 ml	1,5-2,5	0,25-0,5	250 ml	
Lannate-20 L	Methomyl 20%	250 ml	300 ml	350 ml	1,5-2,5	250-500 ml	250 ml	
Tamaron	Methamidophos 60	200 ml	250 ml	300 ml	1,5-2,5	0,25	250 ml	
Decis	Deltamethrin 2,5%	80 ml	100 ml	120 ml	1,5-2,5	0,25-0,5	250 ml	
Diazinon-35 EC	Basudin 35%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
Ortho-Dibrom	Naled 50%	200 ml	200 ml	200 ml	1,5-2,5	250-500 ml	250 ml	
Confidor, Gaucho	Imidacloprid 70%	15 g	25 g	35 g	1,5-2,5	250-500 ml	250 ml	
Rogor	Dimethoat 40%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
<b>THRIPS • THRIPI • THRIPISE (BLASENFUSS) • TRIPS</b>								
Ambush	Permethrin 25%	50 ml	60 ml	70 ml	1,5-2,5	0,25-0,5	250 ml	test blossom first!
Unden-flüssig	Propoxur 20%	250 ml	300 ml	350 ml	1,5-2,5	0,25-0,5	250 ml	
Dimecron-20	Phosphamidon 20%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml	
PD-5/Phosdrin	Mevinphos 50%	50 ml	60 ml	70 ml	1,5-2,5	0,25-0,5	250 ml	
Thiodan-35 EC	Endosulfan 35%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
Diazinon-25 EC	Basudin 25%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
Tamaron	Methamidophos 60	250 ml	300 ml	350 ml	1,5-2,5	0,25	250 ml	
Orthen	Acephat 50%	150 g	200 g	250 g	2,5	0,25-0,5	250 ml	
Ekamet	Etrimfos 50%	100 ml	125 ml	150 ml	1,5-2,5	0,25-0,5	250 ml	
Dedevap	Dichlorvos 50%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
Rogor	Dimethoat 40%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml	
Decis	Deltamethrin 2,5%	80 ml	100 ml	120 ml	1,5-2,5	0,25-0,5	250 ml	
Anthio forte	Formothion 33,8%	200 ml	250 ml	300 ml	1,5-2,5	0,25-0,5	250 ml	
Kilval	Vamidothion 40%		250 ml		1,5-2,5	0,25-0,5	250 ml	
Confidor, Gaucho	Imidacloprid 70%	30 g	40 g	50 g	1,5-2,5	0,25-0,5	250 ml	
<b>SNAILS • ESCARGOTS • SCHNECKEN • CHIOCCIOLA</b>								
Antilimace	Metaldehyd 80%	200 g	200 g	200 g	2,5			
<b>MUSHROOM FLY • CHAMPIGNONFLIEGEN • MOUCHE DE CHAMPIGNON</b>								
Dedevap	Dichlorvos 50%	150 ml			2,5	0,25-0,5		per 3000 m <sup>3</sup>
Diazinon-25 EX	Basudin 25%	150 ml			2,5	0,25-0,5		per 3000 m <sup>3</sup>
Malathion	Malathion 50%	150 ml			2,5	0,25-0,5		per 3000 m <sup>3</sup>
Trigard 75	Cyromazine 75%	To be used as a soil drench with 70g/100 m <sup>2</sup>						

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		Minimum**) (Starter rate)	Medium (normal rate)	Maximum (pre-tested)	Water (l) +VK-2 special*)	nutriFOG (alternatively)	
<b>SPIDER MITES</b>		<b>ACARIENS</b>		<b>SPINN MILBEN</b>		<b>RAGNETTO ROSSO</b>	
Vertimec****	Avermectin 18g/l	40 ml	80 ml	120 ml	1,5-2,5	0,15	250 ml
Vydate L	Oxamyl 25%	225 ml	300 ml	375 ml	1,5-2,5	0,25-0,5	250 ml
Tamaron****	Methamidoph. 60%	300 ml	350 ml	400 ml	1,5-2,5	0,25	250 ml
Plictran-flüssig****	Cyhexatin 60%	60 ml	70 ml	80 ml	1,5-2,5	0,25-0,5	250 ml
Mitac	Amitraz 20%	800 ml	1000 ml	1200 ml	1,5-2,5	0,25	250 ml
Kelthane-MF****	Dicofol 50%	200 ml	250 ml	300 ml	1,5-2,5	0,25-0,5	250 ml
Acres****	Dinobuton 50%	90 g	120 g	150 g	1,5-2,5	0,25-0,5	250 ml
Drawinol-S	Dinobuton 25%	150 ml	175 ml	200 ml	1,5-2,5	0,25-0,5	250 ml
Kilacar	Proclonol 30 %	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml
Morestan	Chinomethion. 25	60 g	70 g	80 g	1,5-2,5	0,25-0,5	250 ml
Pentac	Dienochlor 50%	150 g	200 g	250 g	2,5	0,25-0,5	250 ml
Pentac-flüssig	Dienochlor				1,5-2,5	0,25-0,5	250 ml
Shell-Torque-flüs.	Fenbutatinox. 50	75 ml	100 ml	125 ml	1,5-2,5	0,25-0,5	250 ml
Folimat	Omethoat 60%	400 ml	500 ml	600 ml	1,5-2,5	0,25	250 ml
Ortho-Dibrom	Naled 50%	150 ml	200 ml	250 ml	1,5-2,5	0,25	250 ml
Danitol, Rody	Fenpropathrin 2,4 ec	75 ml	100 ml	125 ml	1,5-2,5	0,25-0,5	250 ml
<b>SCALE INSECTS</b>		<b>COCHENILLES</b>		<b>SCHILDLÄUSE</b>		<b>COCCINIGLE</b>	
Ultracid 20 flüssig	Methidathion 20%	250 ml	300 ml	350 ml	1,5-2,5	0,25-0,5	250 ml
Uden-flüssig	Propoxur 20%	300 ml	350 ml	400 ml	1,5-2,5	0,25-0,5	250 ml
Rogor	Dimethoat 40%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml
Tamaron	Methamidophos 60	250 ml	300 ml	350 ml	1,5-2,5	0,25	250 ml
E-605-forte	Parathion 50%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml
Diazinon-35 EC	Basudin 35%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	250 ml
Elefant-Sommeröl	Mineralöl	400 ml	400 ml		} 2		
+ Dede vap	+ Dichlorvos	150 ml	150 ml			} 2	
Spruzit	Pyrethrum 4%	250 ml	300 ml		1,5-2,5	0,25-0,5	250 ml
Parexan	Pyrethrum 4%	250 ml	300 ml		1,5-2,5	0,25-0,5	250 ml
Uden-flüssig	Propoxur 20%	300 ml	350 ml	400 ml	1,5-2,5	0,25-0,5	250 ml
<b>SOIL FLY</b>		<b>TRAUERMÜCKEN</b>					
Dede vap	Dichlorphos 50%	200 ml	200 ml	200 ml	2,5	0,25	
Birlane-fluid	Chlorfenvinphos	150 ml	150 ml	150 ml	2,5	0,25	
<b>LEAF-NEMATODE</b>		<b>EELWORM</b>		<b>BLATTÄLCHEN</b>		<b>ANGUILLULOSE</b>	
Nemafos	Thionazin 50%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml
Vydate L	Oxamyl 25%	225 ml	300 ml	375 ml	1,5-2,5	0,25-0,5	250 ml
E-605-forte	Parathion 50%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml
Hostathion	Triazophos 42%	40 ml	50 ml	60 ml	1,5-2,5	0,25-0,5	250 ml
Afugan	Pyrazophos 30%	120 ml	150 ml	180 ml	1,5-2,5	0,25-0,5	250 ml

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		Minimum** (Starter rate)	Medium (normal rate)	Maximum (pre-tested)	Water (l) +VK-2 special*)	nutriFOG (alternatively)		
<b>STERNRUSSTAU</b>								
Saprol/Fungine x	Triforin 20%	200 ml	250 ml	300 ml	1,5-2,5		*not on blooming African Violets, Begonium and Pelargonium	
Ortho-Phalthan	Folpet 75%	250 g	300 g	350 g	2,5	0,25-0,5		
Fungaflor	Imazalil 20%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5		
Tecto-FL	Thiabendazol 45%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5		
Manzicarb	Vondozeb 79%	300 g	350 g	400 g	3,5	0,25-0,5		
Polyram Combi	Metiram 80%	250 g	300 g	350 g	3	0,25-0,5		
Antracol	Propineb 70%	250 g	300 g	350 g	3	0,25-0,5		
Dithane ultra	Mancozeb	250 g	300 g	350 g	3	0,25-0,5		
<b>ASCOCHYTA</b>								
Dithane-Ultra	Mancozeb 80%	250 g	300 g	350 g	3	0,25-0,5	** the dosages mentioned here can be reduced for another 20% for plants below a size of 25 cm	
Delan-flüssig	Dithianon 23%	250 ml	300 ml	350 ml	1,5-2,5	0,25-0,5		
Daconil-W 75	Chlorothalonil 75%	150 g	200 g	250 g	2,5	0,25-0,5		
<b>DOWNY MILDEW      MILDIOU      FALSCHER MEHLTAU      PERONOSPORA</b>								
Ridomil-50	Metalaxyl 50%	75 g	100 g	125 g	1,5	0,25-0,5	Risk of choking the nozzle	
Daconil-W 75	Chlorothalonil	150 g	200 g	250 g	2,5	0,25-0,5		
Aliette	Aluminiumfosetyl	300 g	350 g	400 g	3,5	0,25-0,5		
Manzicarb	Vondozeb 79%	300 g	350 g	400 g	3,5	0,25-0,5		
Vinicoll	Folpet 37,5%	250 g	300 g	350 g	2,5	0,25-0,5		
Dithane-Ultra	Mancozeb 80%	250 g	300 g	350 g	3	0,25-0,5		
BASF-Maneb	Maneb 80%	250 g	300 g	350 g	3	0,25-0,5		
Polyram-Combi	Metiram 80%	250 g	300 g	350 g	3	0,25-0,5		
Antracol	Dichlofluanid 50%	300 g	350 g	400 g	3	0,25-0,5		
Previcur N	Propamocarb 72%	250 ml	350 ml	450 ml	1,5	0,25		
<b>POWDERY MILDEW      OIDIUM      ECHTER MEHLTAU      OIDIO/MAL BIANCO</b>								
Fungaflor	Imazalil 20%	150 ml	200 ml	250 ml	2,5			
Nimrod	Bupirimat 25%	200 ml	250 ml	300 ml	1,5-2,5	0,25-0,5		
Afugan	Pyrazophos 30%	100 ml	125 ml	150 ml	1,5-2,5	0,25-0,5	not during blooming	
Rubigan	Fenarimol 12%	100 ml	125 ml	150 ml	1,5-2,5	0,25-0,5	not on blossoms	
Plondrel-Flüssig.	Ditalimfos 20%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5	not on blossoms	
Meltatox	Dodemorph 40%	300 ml	400 ml	500 ml	1,5-2,5	0,25-0,5	not during blooming	
Morestan	Chinomethionat 25%	40 g	60 g	80 g	1,5-2,5	0,25-0,5		
Frutogard	Ditalimos 50%	75 g	100 g	125 g	1,5-2,5	0,25-0,5		
Bayleton-spezial	Triadimefon 5%	40 g	60 g	80 g	1,5-2,5	0,25-0,5		
Tecto-FL	Thiabendazol 45%	150 ml	200 ml	250 ml	1,5-2,5	0,25-0,5		
Acrex	Dinobuton 48,5%	90 g	120 g	150 g	1,5-2,5	0,25-0,5		
Saprol	Triforin 20%	225 ml	300 ml	375 ml	2		No additive used	

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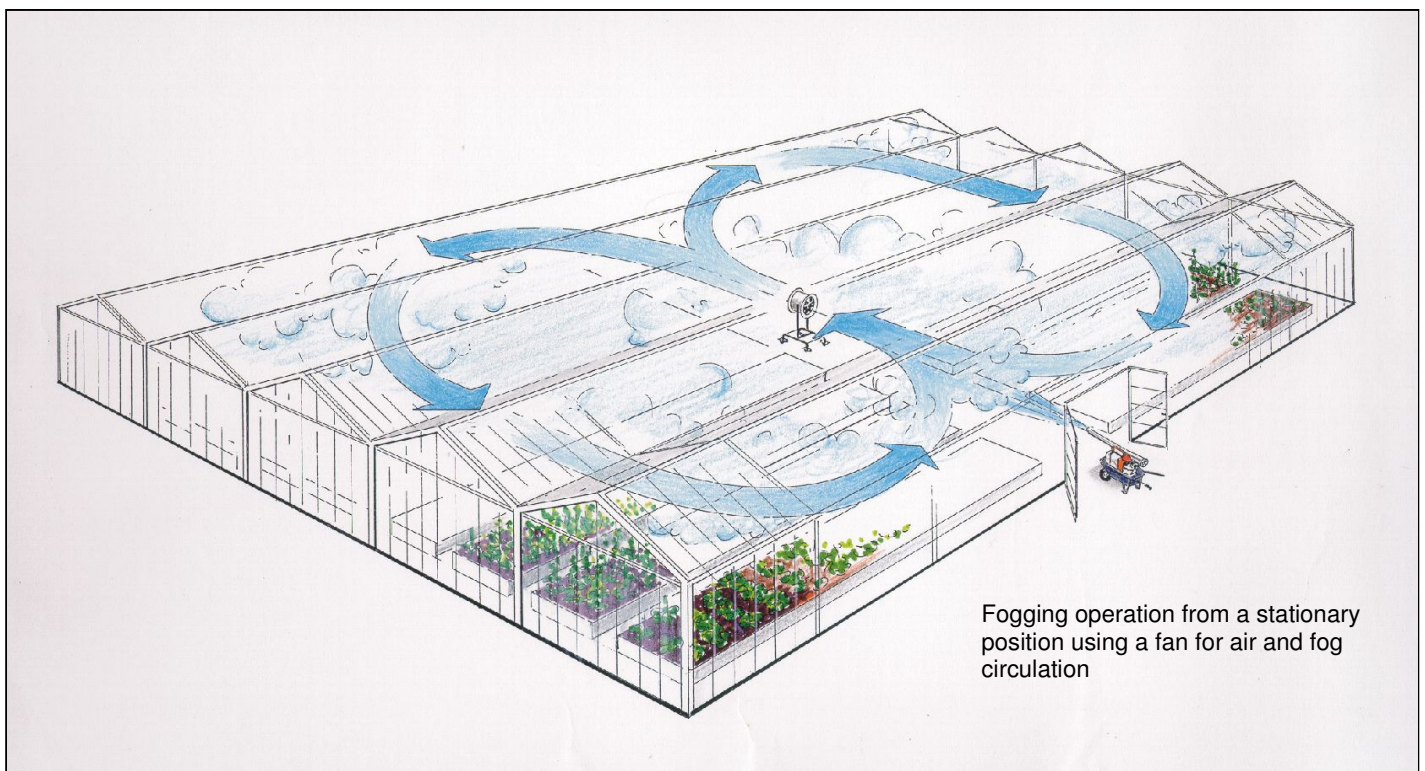


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		ALTERNARIA LEAF SPOT		BLATTFLECKENKRANKHEIT				
Delan flüssig	Dithianon 23%	250 ml	300 ml	350 ml	1,5-2,5	0,25-0,5	** the dosages mentioned here can be reduced for another 20% for plants below a size of 25 cm	
Saprol/Fungin.	Triforin 20%	225 ml	300 ml	375 ml	2			
Manzicarb	Vondozeb 79%	300 g	350 g	400 g	3,5	0,25-0,5		
Orthocid 83	Captan 83%	300 g	350 g	400 g	3,5	0,25-0,5		
Benlate	Benomyl 50%	60 g	80 g	100 g	2	0,25-0,5		
Polyram Combi	Metiram 80%	250 g	300 g	350 g	3	0,25-0,5		
Euparen	Dichlofluanid 50%	300 g	350 g	400 g	3	0,25-0,5		
Antracol	Dichlofluanid 50%	300 g	350 g	400 g	3	0,25-0,5		
DESINFECTION								
Formalin	Formaldehyd 40%	5 Liter/1000 m <sup>3</sup> Raum				0,25-0,5		in empty greenhouses

### Fogging from the door if plant rows are max 15 m long



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