



# 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) |                                                                                                                |
| WHITE FLY • ALEURODES • ALEUROIDI • WEISSE FLIEGE |                      |                           |                      |                      |                           |            |                          |                                                                                                                |
| Ambush                                            | Permethrin 25%       | 50 ml                     | 60 ml                | 70 ml                | 1,5-2,5                   | 250-500 ml | 250 ml                   | * <u>not on blooming</u><br>African Violets,<br>Begonium and<br>Pelargonium                                    |
| Decis                                             | Deltamethrin 2,5     | 80 ml                     | 100 ml               | 120 ml               | 1,5-2,5                   | 250-500 ml | 250 ml                   |                                                                                                                |
| 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                   |                                                                                                                |
| Tamaron                                           | Methamidophos 60     | 250 ml                    | 300 ml               | 350 ml               | 1,5-2,5                   | 250-500 ml | 250 ml                   |                                                                                                                |
| 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                   |                                                                                                                |
| Parexan                                           | Pyrethrum 4%         | 150 ml                    | 200 ml               | 250 ml               | 1,5-2,5                   | 250-500 ml | 250 ml                   | ** the dosages<br>mentioned here can<br>be reduced for an-<br>other 20% for plants<br>below a size of<br>25 cm |
| Unden-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                                     | Fenpropathrin 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,<br>Gaucho                               | Imidacloprid 70%     | 30 g                      | 40 g                 | 50 g                 | 1,5-2,5                   | 0,25-0,5   | 250 ml                   |                                                                                                                |
| LEAFMINER • MINEUSE • MINATRICE • MINIERFLIEGE    |                      |                           |                      |                      |                           |            |                          |                                                                                                                |
| Ambush                                            | Permethrin 25%       | 50 ml                     | 60 ml                | 70 ml                | 1,5-2,5                   | 0,25-0,5   | 250 ml                   | test blossom first!                                                                                            |
| Decis <sup>1)</sup>                               | Deltamethrin 2,5%    | 80 ml                     | 100 ml               | 120 ml               | 1,5-2,5                   | 0,25-0,5   | 250 ml                   |                                                                                                                |
| Ripcord 10                                        | Cypermethrin 10%     | 90 ml                     | 120 ml               | 150 ml               | 1,5-2,5                   | 0,25-0,5   | 250 ml                   | effective against<br>larvas                                                                                    |
| Afugan <sup>1)</sup>                              | Pyrazophos 30%       | 120 ml                    | 150 ml               | 180 ml               | 1,5-2,5                   | 0,25-0,5   | 250 ml                   |                                                                                                                |
| Hostathion <sup>2)</sup>                          | Triazophos 42%       | 40 ml                     | 50 ml                | 60 ml                | 1,5-2,5                   | 0,25-0,5   | 250 ml                   | <sup>1)</sup> not on blossoms                                                                                  |
| Aktellic 50                                       | Pirimiphos 50%       | 120 ml                    | 150 ml               | 180 ml               | 1,5-2,5                   | 0,25-0,5   | 250 ml                   |                                                                                                                |
| Tamaron                                           | Methamidophos 60     | 250 ml                    | 300 ml               | 350ml                | 1,5-2,5                   | 0,25       | 250 ml                   | <sup>2)</sup> test of tolerance<br>necessary                                                                   |
| PD-5/Phosdrin                                     | Mevinphos 50%        | 60 ml                     | 80 ml                | 100 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-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                                     | Fenpropathrin 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                   | Repeat weekly if<br>necessary                                                                                  |
| Trigard                                           | Cyromazine           | 40 g                      | 50 g                 | 60 g                 | 1,5-2,5                   | 0,25-0,5   | 250 ml                   |                                                                                                                |

The present international table of dosing information has been established due to experiences gathered over many years with the pulsFOG-fogging method in international horticulture. The mentioned plant products proved in the various countries, provided correct application. We kindly request, however, to absolutely observe the national registrations. Since application is out of our influence, no claims are made for ineffectiveness, damages and termination of registration. Respect the requirements of biocide manufacturer or registration holder, the hints in the pulsFOG leaflets and in the machine manual



# 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) |        |                                                                                                             |
| APHIDS • PUCERONS • BLATTLÄUSE • AFIDI                  |                   |                                             |                      |                      |                           |                          |        |                                                                                                             |
| 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 another 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 |                                                                                                             |
|                                                         |                   |                                             |                      |                      |                           |                          |        |                                                                                                             |
| THRIPS • THRIPS • THRIPE (BLASENFUSS) • TRIPS           |                   |                                             |                      |                      |                           |                          |        |                                                                                                             |
| Ambush                                                  | Permethrin 25%    | 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 |                                                                                                             |
| 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 |                                                                                                             |
| Devedap                                                 | 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 | test blossom first!                                                                                         |
| 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 |                                                                                                             |
| SNAILS • ESCARGOTS • SCHNECKEN • CHIOCCIOLA             |                   |                                             |                      |                      |                           |                          |        |                                                                                                             |
| Antilimace                                              | Metaldehyd 80%    | 200 g                                       | 200 g                | 200 g                | 2,5                       |                          |        |                                                                                                             |
| MUSHROOM FLY • CHAMPIGNONFLIEGEN • MOUCHE DE CHAMPIGNON |                   |                                             |                      |                      |                           |                          |        |                                                                                                             |
| Dedevap                                                 | Dichlorvos 50%    | 150 ml                                      |                      |                      | 2,5                       | 0,25-0,5                 |        | per 3000 m³                                                                                                 |
| Diazinon-25 EX                                          | Basudin 25%       | 150 ml                                      |                      |                      | 2,5                       | 0,25-0,5                 |        | per 3000 m³                                                                                                 |
| Malathion                                               | Malathion 50%     | 150 ml                                      |                      |                      | 2,5                       | 0,25-0,5                 |        | per 3000 m³                                                                                                 |
| Trigard 75                                              | Cyromazine 75%    | To be used as a soil drench with 70g/100 m² |                      |                      |                           |                          |        |                                                                                                             |

The present international table of dosing information has been established due to experiences gathered over many years with the pulsFOG-fogging method in international horticulture. The mentioned plant products proved in the various countries, provided correct application. We kindly request, however, to absolutely observe the national registrations. Since application is out of our influence, no claims are made for ineffectiveness, damages and termination of registration. Respect the requirements of biocide manufacturer or registration holder, the hints in the pulsFOG leaflets and in the machine manual



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## 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) |        |                                                                                               |
| SPIDER MITES         |                      | ACARIENS                  |                      | SPINNMITLBEN         |                           | RAGNETTO ROSSO           |        |                                                                                               |
| Vertimec*****        | Avermectin 18g/l     | 40 ml                     | 80 ml                | 120 ml               | 1,5-2,5                   | 0,15                     | 250 ml | *not on blooming African Violets, Begonium and Pelargonium                                    |
| 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 | ** the dosages mentioned here can be reduced for another 20% for plants below a size of 25 cm |
| Kelthane-MF****      | Dicofol 50%          | 200 ml                    | 250 ml               | 300 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
| Acrex****            | 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 | effective only preventively                                                                   |
| 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 | ****several crops especially roses do not tolerate the max. dosis                             |
| 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 |                                                                                               |
| SCALE INSECTS        |                      | COCHENILLES               |                      | SCHILDLÄUSE          |                           | COCCINIGLE               |        |                                                                                               |
| Ultracid 20 flüssig  | Methidathion 20%     | 250 ml                    | 300 ml               | 350 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
| Unden-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               |                      |                           |                          |        |                                                                                               |
| 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 |                                                                                               |
| Unden-flüssig        | Propoxur 20%         | 300 ml                    | 350 ml               | 400 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
| SOIL FLY             |                      | TRAUERMÜCKEN              |                      |                      |                           |                          |        |                                                                                               |
| 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                     |        |                                                                                               |
|                      |                      |                           |                      |                      |                           |                          |        |                                                                                               |
|                      |                      |                           |                      |                      |                           |                          |        |                                                                                               |
| LEAF-NEMATODE        |                      | EELWORM                   |                      | BLATTÄLCHEN          |                           | ANGUILLULOSE             |        |                                                                                               |
| 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 | not on blossoms                                                                               |
|                      |                      |                           |                      |                      |                           |                          |        | not on blossoms                                                                               |

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|--------------------------------------------------------------|-------------------|---------------------------|----------------------|----------------------|---------------------------|--------------------------|--------|-----------------------------------------------------------------------------------------------|
|                                                              |                   | Minimum**) (Starter rate) | Medium (normal rate) | Maximum (pre-tested) | Water (l) +VK-2 special*) | nutriFOG (alternatively) |        |                                                                                               |
| CATERPILLARS • CHENILLES • RAUPE • BEGA                      |                   |                           |                      |                      |                           |                          |        |                                                                                               |
| Nexagan                                                      | Bromophos-ethyl   | 225 ml                    | 300 ml               | 375 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml | except caterpillar of nun moth + noctuidae                                                    |
| PD-5/Phosdrin                                                | Mevinphos 50%     | 80 ml                     | 100 ml               | 120 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
| Thuricide-HP                                                 | Bac. Thuringiens. | 100 g                     | 120 g                | 150 g                | 2                         | 0,25-0,5                 | 250 ml |                                                                                               |
| Dipel                                                        | Bac. Thuringiens. | 100 g                     | 120 g                | 150 g                | 2                         | 0,25-0,5                 | 250 ml |                                                                                               |
| Dipterex-SL                                                  | Trichlorfon 50%   | 225 g                     | 300 g                | 375 g                | 2,5                       | 0,25-0,5                 | 250 ml |                                                                                               |
| TARSONEMID MITE • TARSONÈME • WEICHHAUTMILBEN • TARSONEMIDAE |                   |                           |                      |                      |                           |                          |        |                                                                                               |
| Thiodan-35 EC                                                | Endosulfan 35%    | 150 ml                    | 200 ml               | 250 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml | *not on blooming African Violets, Begonium and Pelargonium                                    |
| Kelthane-MF                                                  | Dicofol 50%       | 200 ml                    | 250 ml               | 300 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
|                                                              |                   |                           |                      |                      |                           |                          |        |                                                                                               |
| ANTS • FOURMIS • AMEISEN • FORMICHIÈRE                       |                   |                           |                      |                      |                           |                          |        |                                                                                               |
| Baythion-500                                                 | Phoxim 50%        | 100 ml                    | 100 ml               | 100 ml               | 1,5-2,5                   | 0,25                     |        |                                                                                               |
| Perfektan-Fluid                                              | Lindan 25%        | 100 ml                    | 100 ml               | 100 ml               | 1,5-2,5                   | 0,25                     |        |                                                                                               |
| Dipterex-SL                                                  | Trichlorfon 50%   | 250 g                     | 250 g                | 250 g                | 2,5                       | 0,25                     |        |                                                                                               |
|                                                              |                   |                           |                      |                      |                           |                          |        |                                                                                               |
|                                                              |                   |                           |                      |                      |                           |                          |        |                                                                                               |
| BOTRYTIS CINERA                                              |                   |                           |                      |                      |                           |                          |        |                                                                                               |
|                                                              | Vinclozolin 50%   | 150 g                     | 200 g                | 250 g                | 2-2,5                     | 0,25-0,5                 | 250 ml | ** the dosages mentioned here can be reduced for another 20% for plants below a size of 25 cm |
|                                                              | Iprodion 50%      | 150 g                     | 200 g                | 250 g                | 2-2,5                     | 0,25-0,5                 | 250 ml |                                                                                               |
|                                                              | Procymidon 50%    | 120 g                     | 150 g                | 180 g                | 2-2,5                     | 0,25-0,5                 | 250 ml |                                                                                               |
|                                                              | Thiabendazol 45%  | 150 ml                    | 200 ml               | 250 ml               | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
|                                                              | Benlate 50%       | 60 g                      | 80 g                 | 100 g                | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
| Vinicoll                                                     | Folpet 37,5%      | 200 g                     | 250 g                | 300 g                | 2,5                       | 0,25-0,5                 | 250 ml |                                                                                               |
| Euparen                                                      | Dichlofluanid 50% | 300 g                     | 350 g                | 400 g                | 3                         | 0,25-0,5                 | 250 ml |                                                                                               |
| Pomarsol                                                     | Thiram 80%        | 250 g                     | 300 g                | 350 g                | 3                         | 0,25-0,5                 | 250 ml |                                                                                               |
|                                                              |                   |                           |                      |                      |                           |                          |        |                                                                                               |
|                                                              |                   |                           |                      |                      |                           |                          |        |                                                                                               |
|                                                              |                   |                           |                      |                      |                           |                          |        |                                                                                               |
| RUST • ROUILLE • ROSTKRANKHEITEN • RUGGINE                   |                   |                           |                      |                      |                           |                          |        |                                                                                               |
| Plantvax                                                     | Oxycarboxin 75%   | 150 g                     | 200 g                | 250 g                | 2,5                       | 0,25-0,5                 | 250 ml |                                                                                               |
| Calirus                                                      | Benodanil 50%     | 250 g                     | 300 g                | 350 g                | 3                         | 0,25-0,5                 | 250 ml |                                                                                               |
| Manzicarb                                                    | Vondozeb 79 %     | 300 g                     | 350 g                | 400 g                | 3,5                       | 0,25-0,5                 | 250 ml |                                                                                               |
| Bayleton-25                                                  | Triadimefon 25%   | 40 g                      | 50 g                 | 60 g                 | 1,5-2,5                   | 0,25-0,5                 | 250 ml |                                                                                               |
| Saprol/Funginex                                              | Triforin 20%      | 225 ml                    | 300 ml               | 375 ml               | 1,5-2,5                   |                          |        | Avoid additives                                                                               |
| Antracol                                                     | Propineb 70%      | 250 g                     | 300 g                | 350 g                | 3                         | 0,25-0,5                 | 250 ml |                                                                                               |
| Polyram-Combi                                                | Metiram 80%       | 250 g                     | 300 g                | 350 g                | 3                         | 0,25-0,5                 | 250 ml |                                                                                               |
| Dithane Ultra                                                | Mancozeb 80%      | 250 g                     | 300 g                | 350 g                | 3                         | 0,25-0,5                 | 250 ml |                                                                                               |
| BASF-Maneb                                                   | Maneb 80%         | 250 g                     | 300 g                | 350 g                | 3                         | 0,25-0,5                 | 250 ml |                                                                                               |

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# ULV Application Chart for Greenhouse Pests

## pulsFOG Dosing Adviser

| Trade Product                                                                                                        | Active Ingredient  | Rate/1000 m²              |                      |                      |                           |                          |  | Remarks                                                                                       |
|----------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------|----------------------|----------------------|---------------------------|--------------------------|--|-----------------------------------------------------------------------------------------------|
|                                                                                                                      |                    | Minimum**) (Starter rate) | Medium (normal rate) | Maximum (pre-tested) | Water (l) +VK-2 special*) | nutriFOG (alternatively) |  |                                                                                               |
| STERNRUSSTAUF                                                                                                        |                    |                           |                      |                      |                           |                          |  |                                                                                               |
| 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                 |  |                                                                                               |
| ASCOCHYTA                                                                                                            |                    |                           |                      |                      |                           |                          |  |                                                                                               |
| 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                 |  |                                                                                               |
|                                                                                                                      |                    |                           |                      |                      |                           |                          |  |                                                                                               |
|                                                                                                                      |                    |                           |                      |                      |                           |                          |  |                                                                                               |
| DOWNY MILDEW                      MILDIOU                      FALSCHER MEHLTAU                      PERONOSPORA     |                    |                           |                      |                      |                           |                          |  |                                                                                               |
| 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                     |  |                                                                                               |
| POWDERY MILDEW                      OIDIUM                      ECHTER MEHLTAU                      OIDIO/MAL BIANCO |                    |                           |                      |                      |                           |                          |  |                                                                                               |
| Fungaflor                                                                                                            | Imazalil 20%       | 150 ml                    | 200 ml               | 250 ml               | 2,5                       |                          |  | not during blooming<br>not on blossoms<br>not on blossoms<br>not during blooming              |
| 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                 |  |                                                                                               |
| Rubigan                                                                                                              | Fenarimol 12%      | 100 ml                    | 125 ml               | 150 ml               | 1,5-2,5                   | 0,25-0,5                 |  |                                                                                               |
| Plondrel-Flüssig.                                                                                                    | Ditalimfos 20%     | 150 ml                    | 200 ml               | 250 ml               | 1,5-2,5                   | 0,25-0,5                 |  |                                                                                               |
| Meltatox                                                                                                             | Dodemorph 40%      | 300 ml                    | 400 ml               | 500 ml               | 1,5-2,5                   | 0,25-0,5                 |  |                                                                                               |
| 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                 |  | No additive used                                                                              |
| Saprol                                                                                                               | Triforin 20%       | 225 ml                    | 300 ml               | 375 ml               | 2                         |                          |  |                                                                                               |

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# 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) |                                                                                                |
| 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 an-other 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 m³ Raum      |                      |                      |                           | 0,25-0,5                 | in empty greenhouses                                                                           |
|                                                 |                   |                           |                      |                      |                           |                          |                                                                                                |
|                                                 |                   |                           |                      |                      |                           |                          |                                                                                                |
|                                                 |                   |                           |                      |                      |                           |                          |                                                                                                |

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