

PFR-97 20% WDG

MICROBIAL INSECTICIDE

Paecilomyces fumosoroseus Apoka 97

PFR-97 is a naturally occurring fungus that infects many pests including whiteflies, aphids, thrips, spider mites, psyllids, leafminers, mealybugs, root weevils, thrips pupae, and rootworms.



There is little to no impact on beneficial organisms as shown in the table to the left.

Information available from Biobest® at:
<http://www.biobest.be/neveneffecten/>

Beneficial Organism	Common Name	Prey/Benefit	Toxicity
<i>Bombus</i> spp.	Bumble Bees	Pollinator	A
<i>Amblyseius californicus</i>	Predatory Mite	Spider Mites	1
<i>Amblyseius cucumeris</i>	Predatory Mite	Thrips	1
<i>Amblyseius degenerans</i>	Predatory Mite	Psyllid Pest	1
<i>Amblyseius swirskii</i>	Predatory Mite	Psyllid Pest	1
<i>Anthocoris nemoralis</i>		Psyllid Pest	1
<i>Encarsia Formosa</i>	Parasitic Wasp	Opportunist	1
<i>Eretmocerus</i> spp.	Parasitic Wasp	Opportunist	1
<i>Trichogramma</i> spp.	Parasitic Wasp	Opportunist	1
Nematodes		Soil Pests	1
<i>Phytoseiulus persimilis</i>	Predatory Mite	Opportunist	1
<i>Orius</i> spp.	Pirate Bugs	Thrips	1
<i>Dacnusa sibirica</i>	Parasitic Wasp	Opportunist	1
<i>Diglyphus isaea</i>	Parasitic Mini Wasp	Opportunist	1
<i>Hypoaspis</i> spp.	Soil Dwelling Parasitic Mite	Soil Pests	1
<i>Aphidoletes aphidimyza</i>	Winged Aphid Parasite	Aphid	1
<i>Feltiella acarisuga</i>	Predatory Gall Midge	Spider Mites	1
<i>Chrysopa carnea</i>	Green Lacewing	Opportunist	1
<i>Macrolophus caliginosus</i>	Predatory Bug	Opportunist	1
<i>Aphidius</i> spp.	Braconid Wasp	Aphid	1
Coleoptera	Beetles	Opportunist	1

Toxicity on bumblebees

A	close hive before application
B	close and remove the hive before application
C	not compatible

Class	Toxicity	Mortality
1	Non-toxic	<25%
2	Slightly toxic	25-50%
3	Mod. toxic	50-75%
4	Toxic	>75%



CERTIS

The Biopesticide Company

