

**List of active ingredients expected to meet the requirements of Article 22 of the Regulation  
(EC) No 1107/2009**

**Micro-organisms**

<b>Substance Name</b>	<b>Pesticide Category</b>
Adoxophyes orana GV strain BV-0001	Insecticide
Ampelomyces quisqualis strain AQ10	Fungicide
Bacillus amyloliquefaciens subsp. plantarum D747	Fungicide
Bacillus firmus I-1582	Nematicide
Bacillus pumilus QST 2808	Fungicide
Bacillus subtilis str. QST 713	Bactericide, fungicide
Bacillus thuringiensis subsp. Aizawai strains ABTS-1857 and GC-91	Insecticide
Bacillus thuringiensis subsp. Israeliensis (serotype H-14) strain AM65-52	Insecticide
Bacillus thuringiensis subsp. Kurstaki strains ABTS 351, PB 54, SA 11, SA12 and EG 2348	Insecticide
Beauveria bassiana strains ATCC 74040 and GHA	Insecticide
Candida oleophila strain O	Fungicide
Cydia pomonella Granulovirus (CpGV)	Insecticide
Gliocladium catenulatum strain J1446	Fungicide
Helicoverpa armigera nucleopolyhedrovirus (HearNPV)	Insecticide
Lecanicillium muscarium (formerly Verticillium lecanii) strain Ve6	Insecticide
Metarhizium anisopliae var. anisopliae strain BIPESCO 5/F52	Insecticide
Phlebiopsis gigantea (several strains)	Fungicide
Pythium oligandrum M1	Fungicide
Spodoptera exigua nuclear polyhedrosis virus	Insecticide
Spodoptera littoralis nucleopolyhedrovirus	Insecticide

Streptomyces K61 (formerly <i>S. griseoviridis</i> )	Fungicide
Trichoderma asperellum (formerly <i>T. harzianum</i> ) strains ICC012, T25 and TV1	Fungicide
Trichoderma asperellum (strain T34)	Fungicide
Trichoderma atroviride (formerly <i>T. harzianum</i> ) strains IMI 206040 and T11	Fungicide
Trichoderma atroviride strain I-1237	Fungicide
Trichoderma gamsii (formerly <i>T. viride</i> ) strain ICC080	Fungicide
Trichoderma harzianum strains T-22 and ITEM 908	Fungicide
Trichoderma polysporum strain IMI 206039	Fungicide
Verticillium albo-atrum (formerly <i>Verticillium dahliae</i> ) strain WCS850	Fungicide
Zucchini Yellow Mosaik Virus, weak strain	Elicitor

#### Other substances

Substance Name	Pesticide Category	Comment
Aluminium ammonium sulphate	Repellent	
Ammonium acetate	Attractant	
Ascorbic acid	Fungicide	
Blood meal	Repellent	
Calcium carbonate	Repellent	
Fat distillation residues	Repellent	
Fatty acids C7 to C20	Insecticide, acaricide, herbicide, plant growth regulator	This does not include free fatty acids with a carbon chain length shorter than C9 (i.e. enanthic acid, caprylic acid).
FEN 560 (Fenugreek seed powder)	Insecticide	
Garlic extract	Repellent	
Gibberellic acid	Plant growth regulator	
Gibberellin	Plant growth regulator	

Heptamaloxyloglucan	Elicitor	
Hydrolysed proteins	Insecticide	
Limestone	Repellent	
Maltodextrin	Insecticide	
Pepper dust extraction residue (PDER)	Repellent	
Plant oils/Rape seed oil	Insecticide, acaricide	
Potassium hydrogen carbonate	Fungicide	
Prohexadione	Plant growth regulator	
Quartz sand	Repellent	
Repellents by smell of animal or plant origin/fish oil	Repellent	
Repellents by smell of animal or plant origin/sheep fat	Repellent	
Sea-algae extract (formerly sea-algae extract and seaweeds)	Plant growth regulator	
Sodium aluminium silicate	Repellent	
Straight Chain Lepidopteran Pheromones	Attractant	Applied by dispensers.
Sulphur	Fungicide, acaricide, repellent	
Urea	Insecticide	