# Crop Production Product Portfolio



# **Crop production**

Andermatt's comprehensive range of biological solutions spans bioinsecticides, bionematicides, biofungicides, biostimulants, biological pest control products, monitoring and trapping solutions, macrobial solutions and more.

Our innovative solutions work with nature, promoting a more sustainable approach to both organic and conventional growers.

> "Andermatt is committed to providing all growers with the broadest portfolio of effective biological solutions possible.

Our pipeline of innovative solutions is continuously enriched through R&D investments at our manufacturing companies, complemented by key collaborations with strategic third party companies and research institutes."

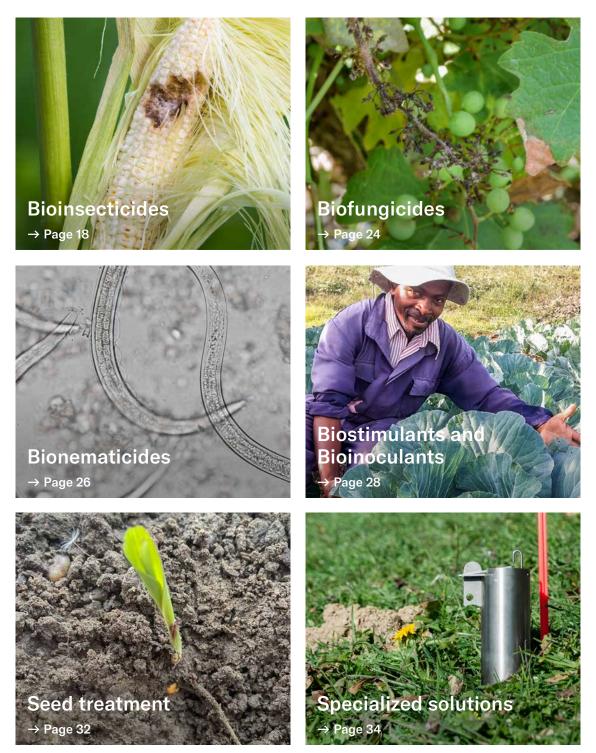
**Dr. Brendon Neumann** Director Product Portfolio Andermatt Group

Disclaimer: Registrations vary per country, please read label prior to use.

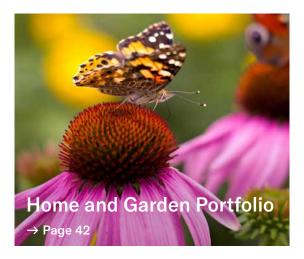


# The Andermatt Product Portfolio

**Crop production** 



#### Home and Garden



#### **Bee Health**



# Bioinsecticides

# Andermatt Bioinsecticides

Bioinsecticides play a crucial role in sustainable agriculture, providing a natural and effective solution for pest management that preserves both crop health and the environment.



"Bioinsecticides target specific pests, each with a unique mode of action. Integrating them into pest management strategies reduces the need for conventional pesticides and helps manage resistance. With no withholding periods or residue limits, growers can achieve export-quality yields while safeguarding long-term soil and crop health."

Silvana Niedermann, Director International Business and Global Product Manager, Andermatt Biocontrol Suisse

#### Why Choose Andermatt's Bioinsecticides?

- Good quality isolates, ensuring efficacy and potency
- Unique formulations
- Science based, trustworthy R&D
- Global expertise with local, in-field support

# Andermatt's baculovirus



"At Andermatt, we are convinced that baculoviruses are the future of lepidopteran pest control. Their unique mode of action, combined with being naturally occurring, makes them safe for beneficial insects and other non-target organisms."

<u>Dr. Heidi Widmer,</u> <u>Global Product Manager,</u> <u>Andermatt Biocontrol Suisse</u>



Helicoverpa amigera larvae on chickpeas after Helicovex® application.

## Andermatt are proud to be world leaders in baculovirus products

	Against	Contains	Crops	Concentration	Certifications	Manufacture
Capex® Plus	Summer fruit tortrix (Adoxophyes orana)	Adoxophyes orana granulovirus (AoGV) and Adoxophyes orana nucleopolyhedro- virus (AdorNPV)	Apple, pear, rose, plum, cherry, apricot, peach, currant, tea and others	1.5×10 <sup>13</sup> OB/I AdorGV and 4.2×10 <sup>11</sup> OB/I AdorNPV		Andermatt Biocontrol Suisse
Cryptex®	False codling moth (Thaumatotibia leucotreta, formerly: Crypto- phlebia leucotreta)	Cryptophlebia leucotreta granulovirus (CrleGV)	Citrus, avocado, pomegranate, bean, cotton, grape, macadamia, ornamental, corn, pepper, stone fruit, tea and others	2×10 <sup>13</sup> OB/I		Andermatt Biocontrol Suisse
Helicovex®, Bolldex®	Cotton bollworm (Helicoverpa armigera), corn earworm (Helico- verpa zea) and other Helicoverpa species	Helicoverpa armigera nucleo- polyhedrovirus (HearNPV)	Soybean, sorghum, corn, cotton, tomato, lettuce, green beans and others	7.5×10 <sup>12</sup> OB/I	OMRI, Demeter international, FiBL list	Andermatt Biocontrol Suisse
Littovir®	African cotton leafworm (Spodop- tera littoralis) and fall armyworm (Spodoptera frugiperda)	Spodoptera littoralis nucleopolyhedro- virus (SpliNPV)	Row crops like corn and soybean, vegeta- bles and others	5×10 <sup>11</sup> OB/I	OMRI, Demeter international, FiBL list	Andermatt Biocontrol Suisse
Loopex®	Cabbage looper (Trichoplusia ni)	Autographa californica nucleopolyhedro- virus (AcMNPV)	Typically on brassica crops; also tomato, lettuce, pea, potato and others	5×10 <sup>11</sup> OB/I		Andermatt Canada
Loopovir®	Soybean looper (Chrysodeixis includens)	Chrysodeixis includens nucleopolyhedro- virus (ChinNPV)	Soybeans, tomato and others	5×10 <sup>11</sup> OB/I		Andermatt Canada
Madex® Top, Plus, Primo, Max	Codling moth (Cydia pomonella)	Cydia pomonella granulovirus (CpGV)	Apple, pear, walnut and others	3×10 <sup>13</sup> OB/I	Demeter international, FiBL list	Andermatt Biocontrol Suisse
Madex <sup>®</sup> Twin, Duo	Oriental fruit moth and codling moth (Grapholita molesta, Cydia pomonella)	Cydia pomonella granulovirus (CpGV)	Peach, nectarine, apple, pear, apricot, almond, cherry, plum and walnut	3×10 <sup>13</sup> OB/I	OMRI, Demeter international, FiBL list	Andermatt Biocontrol Suisse
Plutex®	Diamondback moth (Plutella xylostella)	Plutella xylostella granulovirus (PlxyGV)	Brassicaceae ie. cabbage, broccoli and canola	2.5×10 <sup>13</sup> OB/I	OMRI	Andermatt Biocontrol Suisse
Spexit <sup>®</sup>	Beet armyworm (Spodoptera exigua)	Spodoptera exigua multicapsid nucleo- polyhedrovirus (SeMNPV)		3.75×10 <sup>12</sup> OB/I	OMRI, Demeter international, FiBL list	Andermatt Biocontrol Suisse
Spodovir® Plus	Fall armyworm (Spodoptera frugiperda)	Spodoptera frugiperda multi- capsid nucleo- polyhedrovirus (SfMNPV)	Corn, sorghum, rice, soybean	5×10 <sup>11</sup> OB/I	OMRI	Andermatt Canada
<b>Tutavir</b> ®	Tomato leafminer (Tuta absoluta) and potato tuber moth (Phthorimaea	Phthorimaea operculella granulovirus (PhopGV)	Tomatoes and other solanaceous crops	2×10 <sup>11</sup> OB/I	Demeter international, FiBL list	Andermatt Biocontrol Suisse

Pack sizes:  $50\,\text{ml}$  ,  $100\,\text{ml}$  ,  $200\,\text{ml}$  ,  $500\,\text{ml}$  ,  $1\,\text{L}$  ,  $5\,\text{L}$  ,  $10\,\text{L}$  ,  $20\,\text{L}$  Raw material option: Yes

# Fungal and mineral based Bioinsecticides

# Andermatt's fungal and mineral Bioinsecticides



"Fungus-based insecticides are bioinsecticides derived from fungal pathogens, that target agricultural pests, helping to reduce crop damage."

Matt Janks, **Global Product Manager** Andermatt PHP

	Against	Contains	Crops	Concentration	Certifications	Manufacturer
Bb-Protec®, Eco-Bb®, Bassidor, Beauvisan	Multiple pests including red spider mite, whitefly, mealybug, thrips and others	Insect-pathogenic fungus <i>Beauveria bassiana</i> strain R444	Multiple crops incl. orchard crops, vegetables and cereals	1×10 <sup>8</sup> CFU/g	Ecocert NOP and EU	Andermatt PHP
Nomu Protec®	Lepidopteran pests, especially those belonging to the Noctuidea family	Insect pathogenic fungus <i>Metarhizium</i> <i>rileyi</i> strain PHP1705	Wide range of crops	1×10 <sup>8</sup> CFU/g	Ecocert NOP and EU	Andermatt PHP
Formulation: Wettak	ole powder		Pack sizes: 5	50 g, 300 g, 1 kg, 5 k	g	

Shelf life and storage: 2 years, refrigerate (4 < 10 °C) for maximum shelf life. Application type: Foliar spray or soil drench

Raw material option: Bb-Protec only Restrictions: Not tankmix compatible with certain fungicide products, Compatibility lists available.



"Mineral-based insecticides are bioinsecticides derived from mineral sources, that target agricultural pests, helping to reduce crop damage."

Nadim Dostert, **Global Product Manager** Biofa

	Against	Contains	Crops	Concentration	Manufacturer
SilicoSec®	Crawling insects, moth larvae and weevils (Sitophilus spp., Oryzaephilus surinamensis, Rhizoperta dominica, etc.)	100% Silicon dioxide Kiesel guhr (Diatomaceous earth)	For the control of crawling insects in grain and empty storage rooms.	1000 g/kg	Biofa
Fameral attack Du		Dea	l		

Formulation: Dusting powder and aerosol spray Shelf life and storage: 3 years. Store in a dry place.

Pack sizes: 200 g, 2 kg, 14 kg and 500 ml spray can Raw material option:

# Biofungicides

# **Andermatt Biofungicides**



"Biofungicides include natural organisms or substances, such as bacteria, fungi, or plant extracts, used to prevent or control fungal diseases in crops."

Dr. Heather Tredgold, **Global Product Manager** Andermatt PHP

	Against	Contains	Crops	Formulation type	Concentration	Certifi- cations	Manufacturer	Restrictions
AmyProtec <sup>®</sup> 42	Rhizoctonia, Fusarium, Phytophthora, Erwinia	Bacillus vele- zensis (syn Bacillus amy- loliquefaciens spp. Planta- rum) FZB42	Wide range of crops	Suspension concentrate	>2.5×10 <sup>10</sup> CFU/ml	OMRI	ABiTEP	Do not mix with products containing copper
Curatio®	Scab, Powdery mildew, Sooty blotch, Marssonina, Monilia and Taphrina deformans		Pome fruit, stone fruit, grape and others	Dispersible concentrate	380 g/l		Biofa	Apply as solo treatment
T-77®, Atrovi- ride, Atroverde 77, Eco-77®	Botrytis spp, Sclerotinia, Trunk diseases, Monilinia spp., etc.	Trichoderma atroviride strain 77B	Grape, tomato, onion, straw- berry and other berries, stone fruit, legumes, cocoa and others	Wettable powder**	2×10 <sup>9</sup> CFU/g	Ecocert NOP and EU Organic certifica- tion	Andermatt PHP	Mix into paste before adding to the spray tank, incom- patible with certain fungicide products
T-Protec Easy Flow; Eco-T® Ezi-Flo	Rhizoctonia, Fusarium, certain Phytophthora spp., Pythium and potentially others	Trichoderma asperellum strain kd	Row crops such as maize, soyabean, drybeans	Powder for dry seed treatment**	2×10 <sup>9</sup> spores/g	Ecocert NOP and EU Organic certifica- tion	Andermatt PHP	Incompatible with certain fungicide products
T-Protec®, Eco-T®	Rhizoctonia, Fusarium, certain Phytophthora spp., Pythium and potentially others	Trichoderma asperellum strain kd	Wide range of crops	Wettable powder**	2×10 <sup>9</sup> spores/g	Ecocert NOP and EU Organic certifica- tion	Andermatt PHP	Mix into paste before adding to the spray tank, incompa- tible with certain fungicide products
Vitisan®	Powdery mildew, Scab, Botrytis, Gloesporium, Monilia	Potassium bicarbonate	Grape, pome fruit, stone fruit, tomato, berries and others	Soluble Powder	989,9 g/kg		Biofa	Do not mix with acidic products

Shelf life: 2 years Storage: Cool and dry, no frost unless indicated Storage\*\*: Refrigerate (4 < 10 °C) for maximum shelf life Pack sizes: Available on request Raw material option: On AmyProtec42

Application type: Varies across products, please refer to www.andermatt.com

# Bionematicide

# Andermatt Bionematicides

Bionematicides are biological products used to control harmful soil-borne nematodes (tiny, wormlike pests). Sourced from natural materials like bacteria, fungi, or plant extracts, Bionematicides are highly target specific and provide effective, eco-friendly solutions for inclusion in sustainable farming practices.



"If you compare the roots of untreated plants to those of plants treated with Nembac 42<sup>®</sup>, the effects are immediately visible, as you will see significantly fewer root knot diseases."

<u>Gabriela Godoy Vega,</u> <u>Global Product Manager</u> <u>ABiTEP</u>

	Against	Contains	Crops	Formulation type	Concentration	Certification	Manufacturer
Nembac® 42	Meloidogyne incognita and Pratylenchus brachyurus	Bacillus velezensis FZB42	Soybean, potato, tomato and others	Suspension concentrate	> 2.5 × 10 <sup>10</sup> CFU/ml		ABITEP
Formulation, Cus							

Formulation: Suspension concentrate Shelf life and storage: 24 months at room temperature Application type: Seed treatment or in-furrow Pack sizes: 1 L, 5 L, 10L, 20 L, 1000 L Raw material option: Yes Restrictions:

 $Nembac^{\circledast}$  42 trials on tomatoes in Argentina, showing treated (right) vs. untreated (left).

For more details on the trial please contact Gabriela Godoy Vega, godoy@abitep.de.





# **Biostimulants** and **Bioinoculants**

Andermat

# Andermatt Biostimulants and Bioinoculants

Andermatt's range of biostimulants and bioinoculants are derived from seaweed extracts, plant-based compounds and incorporate carefully selected beneficial microorganisms. Working in harmony with crops, biostimulants and bioinoculants optimize nutrient uptake, improve stress tolerance, and boost overall plant health.



"Products like RhizoVital®C5 and T-Gro® are living solutions that colonize the root zone where they promote nutrient availability, thus fostering a robust and balanced ecosystem."

<u>Serge Caston,</u> <u>Global Product Manager</u> <u>ABiTEP</u>

	Contains	Formulation type	Concentration	Manufacturer	Restrictions	Unique selling point
Nexula <sup>®</sup> -N DS	Priestia megaterium PHP1706	Powder for dry seed treatment	2×10 <sup>7</sup> CFU/g	Andermatt PHP	Do not mix with products containing copper	Specially designed formulation for use in mechanical planters.
RhizoVital® C5, C5 Tundrabac®, RhizoPlus®	Bacillus atrophaeus ABi05	Suspension concentrate	≥2.5×10 <sup>10</sup> CFU/mI	ABiTEP	Do not mix with products containing copper	High cold tolerance: rhizobacteria active from 8 °C
RhizoVital® P45, Phosbac®	Bacillus velezensis FZB45	Suspension concentrate	≥2.5×10 <sup>10</sup> CFU/mI	ABiTEP	Do not mix with products containing copper	Phosphate mobilization
T-Gro <sup>®</sup>	Trichoderma asperellum strain kd	Wettable powder**	2×10 <sup>9</sup> CFU/g	Andermatt PHP	Pre-mix into a paste essential; avoid certain fungicides	Enhanced root development
T-Gro <sup>®</sup> Easy Flo, T-Gro <sup>®</sup> EZ Flow	Trichoderma asperellum strain kd	Powder for dry seed treatment**	2×10 <sup>9</sup> CFU/g	Andermatt PHP	Cannot be mixed with certain fungicides	Specially designed formulation for use in mechanical planters.

Shelf life: 24 months

Storage: Room temperature (< 25 °C) Storage\*\*: Refrigerate (4 < 10 °C) for maximum shelf-life

Application type: Seed treatment, in-furrow, drench, spray or hydroponics

Pack sizes: Available on request

Raw material option: RhizoVital®C5 and P45 Certifications: All except Nexula are organically certified

Crops: For use on all crops

# Andermatt V12 Range

The V12 Biostimulant range is based on the 12 essential components of plant vitality, ie. the engine that drives plant growth.



"Biostimulants can assist growers to produce more with less. Biostimulants target specific natural growth processes within plants. Increasing or decreasing these functions unlocks more significant potential for growth, yield, quality, stress tolerance and more."

<u>Peter Thorpe,</u> <u>Global Product Manager</u> <u>Andermatt Madumbi</u>

	Contains	Key benefits	Application method	Certifications	Manufacturer	Restrictions
V12 Initiate®	Silica, calcium, boron and micronutrients	Supports germination and early growth across all crops. The unique formulation facilitates nutrient mobility supporting healthy growth and avoiding nutrient deficiencies.	Root drench or foliar spray	Ecocert attested for EU	Andermatt Madumbi	Always check for compatibi- lity with other fertilisers
V12 Micro®	Micronutrients, amino acids	A foliar fertiliser containing a full spectrum of amino acid chelated micronutrients. The luxury level of plant-available nutrients helps avoid deficiencies and unidenti- fied deficiencies across all crops.	Foliar spray – full cover	Ecocert attested for EU and NOP	Andermatt Madumbi	Always check for compatibi- lity with other fertilisers
V12 Multi®	N,P,K, micronu- trients, plant stimulants including vitamins and organic compounds	An all-in-one foliar fertiliser to support photosynthesis and promote optimal plant growth. An ideal 'tonic' recommended to assist with growth recovery following stressful periods.	Foliar spray – full cover		Andermatt Madumbi	Always check for compatibi- lity with other fertilisers

Formulation: Suspension concentrate

Shelf life and storage: 2 years at room temperature (<25° C) Concentrations: Available on request or www.andermatt.com Pack sizes: 1 L, 5 L, 20 L, 1000 L (V12 Initiate: 1kg, 5 kg, 30 kg, 1000 kg) Raw material option: Available on request Crops: Region dependant

# Andermatt UPP Range

The newly developed Unlocking Plant Potential (UPP) biostimulant range offers enhanced plant growth solutions to growers in all agricultural sectors. The range consists of three products each containing a different targeted biostimulant that impacts on a different specific plant growth stage. Active ingredients include specific amino acids, vitamins, plant alcohols and organic acids.

	Contains	Key benefits	Application method	Manufacturer	
Root-UPP®	L-Tryptophan and L-Methionine	Promotes root development, directly supporting the plant as well as beneficial soil microbes. Germination and early growth are promoted as well as abiotic stress relief.	Seed or soil (drench or in-furrow). Also possible as a foliar spray.	Andermatt Madumbi	
Shoot-UPP®	Triacontanol Vitamin C	Promotes photosynthesis and vegetative growth. An excellent product to combine with synthetic fertiliser applications to assist nutrient uptake and promote stress relief.	Foliar spray – full cover	Andermatt Madumbi	
Set-UPP®	Brassinolide, Seaweed extract	Developed to support flowering and crop quality physiological processes. Enhances fruit and nut set, reduces stress-related flower drop and improve quality attributes (ie. BRIX) thus contributing to overall returns in yield.	Foliar spray – full cover	Andermatt Madumbi	

Formulation: Suspension concentrate

Shelf life and storage: 2 years at room temperature (< 25 °C) Concentrations: Available on request or www.andermatt.com Pack sizes: 1 L, 5 L, 20 L, 1000 L Raw material option: Available on request Crops: Region dependant

# Seed Treatments

## **Seed Treatments**

At Andermatt, we offer high-quality, effective active ingredients that can be customized to meet specific requirements. By working closely with seed companies and seed care units, we combine our expertise to help growers maximize their yield potential.



"These treatments improve root growth and crop resilience, promoting higher yields and supporting stress resistance. Additional advantages include uniform plant growth and consistent crop stands."

<u>Franz Hentschel,</u> <u>Global Product Manager</u> <u>ABiTEP</u>

Andermatt Polska and HR Smolice, a Polish seed breeding company and exporter to the EU, partnered to offer growers a solution for cold, wet spring conditions. The collaboration led to the launch of RhizoVital<sup>®</sup> C5-treated seeds under the Polish brand Rhizoseeds.



A comparison of pea seedlings a few weeks after sowing during a seed treatment trial. Left: control. Right: Pea seeds were treated with RhizoVital<sup>®</sup> C5-credit: Andermatt Poland.



A comparison of wheat seedlings a few weeks after sowing during a seed treatment trial. Left: control. Right: Winter wheat seeds were treated with RhizoVital®C5-credit: Andermatt Poland.

# Specialized solutions

In addition to Andermatt's comprehensive crop production products, we are proud to also offer:







Macroorganisms → Page 39



35



"Monitoring systems and mass trapping are essential tools for growers seeking to implement an effective pest management strategy."



<u>Anna Landwehr,</u> <u>Global Product Manager</u> <u>Andermatt Biocontrol Suisse</u>

# Monitoring systems and mass trapping

#### Drosal<sup>®</sup> Pro, DrosaLure 2.0 and PheroNorm<sup>®</sup>

	Key benefits	Key range advantages
Drosal® Pro	A cup trap system ideally suited for integrated control strategies against spotted wing drosophila ( <i>Drosophila suzukii</i> ). Specific lures can be selected to attract spotted-wing drosophila into the trap, where they drown. The system can be reused for several years.	<ul> <li>Very easy set-up</li> <li>Reusable trap system</li> <li>Can be filled with the preferred lure (i.e. DrosaLure 2.0)</li> </ul>
DrosaLure 2.0 A highly attractive and stabilized attractant for spotted-wing drosophila based on peptides and organic acids. For use with Drosal Pro cups and most other liquid trap systems.		<ul> <li>Up to 3 months efficacy in the field</li> <li>No waiting periods, no residue issues</li> <li>Shelf-life: 3 years at room temperature</li> </ul>
PheroNorm <sup>®</sup>	An extensive range of lures and traps for monitoring economically important pest species. Ie. Drosal Pro cups or any other kind of liquid trap system.	<ul> <li>Continuous, reliable quality for successful monitoring</li> </ul>



"Monitoring systems with real-time insights into pest populations, growers can make timeous informed decisions, protect their crops and reduce the need for chemicals."



<u>Anna Landwehr,</u> <u>Global Product Manager</u> <u>Andermatt Biocontrol Suisse</u>

#### Rebell®

Key benefits	Key range advantages	
Yellow traps for reliable monitoring or mass trapping of fruit flies	<ul> <li>Rebell-trap colours are pest specific, ensuring maximum reliability with minimal by-catches.</li> </ul>	
Monitoring of sawflies and for the control of raspberry beetles	<ul> <li>Integrated UV filter keeps colors vibrant for longer.</li> <li>Extra strong glue works even in harsh weather.</li> <li>Can be cleaned and reused.</li> </ul>	
Monitoring of thrips		
Monitoring of white flies, leafminers, sciarid flies, etc.	_	
Monitoring of carrot flies (Psila rosae)	_	
Monitoring of shothole borer (Xyleborus dispar)	_	
	Yellow traps for reliable monitoring or mass trapping of fruit flies         Monitoring of sawflies and for the control of raspberry beetles         Monitoring of thrips         Monitoring of white flies, leafminers, sciarid flies, etc.         Monitoring of carrot flies ( <i>Psila rosae</i> )	



"The CuraCleaner® range offers growers biodegradable interior and exterior cleaning solutions for use on organic and conventional farms."



<u>Nadim Dostert,</u> <u>Global Product Manager</u> <u>Biofa</u>

#### **Biological cleaning** solutions

#### **CuraCleaner**®

Regular and thorough maintenance of agricultural spraying equipment is vital to maximising application efficiency. Additional benefits include time savings, cost effectiveness, equipment protection and longevity.

	Product Info	Performance & Product Info	Use
CuraCleaner® NF 12 – Interior	Free of phosphates, phosphorus, NTA, EDTA	Non-foaming alkaline pH value 11.8 Interior cleaner	Run 2,5 liters of CuraCleaner® NF 12 through the sprayer together with 120 liters of clear water at the end of the spraying day (or after the change of the PPP). Run cleaning program, depending on sprayer type 5–15 minutes
CuraCleaner® F 12 – Exterior	Mild alkaline cleaning agent	pH value: 11 Exterior cleaner	Use at the end of the spraying day when the coating on the sprayer is still fresh. Spray 2 liter of cleaner evenly over your sprayer and tractor using a foam lance or hand spray bottle, then rub with a sponge or brush. Now leave it for 5 minutes (it foams) then rinse with clean water. Finished!
CuraCleaner® F 2 – Exterior	Free from hydrochloric acid, hydrofluoric acid, NTA, silicone, microplastics, organic halogen compounds (AOX), organic complexing agents tested by ÖNORM tested B5 106	pH value: strongly acidic Exterior cleaner	Use if the coating on the sprayer or tractor has already dried. Rest same like F12 Cleaner
Formulation: Liquid Shelf life and storag	e: 5 years at room temperature	Pack sizes: 10 L, 1000 L	

All cleaner ingredients are approved according to detergent regulations (648/2004/EC)  $\rm NF$  = Non-foaming, F = Foaming



"Andermatt has an established record and strong background in insect rearing and offers a range of insect solutions for researchers."



<u>Dr. Deborah Kaiser,</u> <u>Global Product Manager</u> <u>Andermatt Biocontrol Suisse</u>

## Macroorganisms

#### **Research insects**

Over the many years of production in baculovirus products, Andermatt has developed great experience in the rearing of research insects. A range of insects and insect feed are available for research from our Switzerland offices.

#### **Entomopathogenic nematodes**

Entomopathogenic nematodes occur naturally in the environment as parasites of many insect larvae. Andermatt has been developing and marketing beneficial nematode products for over 30 years.

(i) Please visit www.andermatt.com for detailed product specifications.



"Andermatt offers a sophisticated and innovative range of mousetraps for indoor and outdoor use. We are proud to offer high quality products which are recognized for their longevity and easy handling."



<u>Dr. Deborah Kaiser,</u> <u>Global Product Manager</u> <u>Andermatt Biocontrol Suisse</u>

#### **Rodent control**

#### topcat<sup>®</sup> – The vole trap

The internationally patented topcat-trap is an efficient, high-quality trap that catches voles from both tunnel directions. topcat contains a sensitive release mechanism and has the option to check captures from above ground. As such, topcat is a sophisticated, sustainable and effective trap for rodent control.

#### topsnap<sup>®</sup> – The clever mousetrap

topsnap's tunnel-like body awakens the natural curiosity of mice. It is an environmentally and user-friendly alternative to toxic bait, for long-term use in indoor and outdoor areas. It is highly effective and efficient, without the need for bait.

## topsnap<sup>®</sup> LR – The clever mousetrap with remote signaling

topsnap LR is an advanced topsnap, equipped with a LoRaWAN antenna and temperature sensors. Trap catches can easily be monitored via email and WebApp notifications, reducing the need and cost for trap checks, additional traps statistics can also be tracked.

#### standby<sup>®</sup> – The vole fence

The internationally patented standby system is an easy and effective tool to prevent (re-)immigration of voles into valuable areas. Natural predators (ie. foxes, cats) empty the live-catch traps along the fence, facilitating a reliable and self-governed system of vole control.

(i) Please visit www.andermatt.com for detailed product specifications.



"Biocides control pests like insects, mice, algae, fungi, and bacteria. They are used in stables, mills, industrial, institutional, home, and garden settings to protect surfaces, environments, and prevent infestations."



<u>Stefanie Thudium,</u> <u>Product Manager</u> <u>Biofa</u>

## **Biocides**

InsectoSec<sup>®</sup> is a biocide registered under the Biocidal Productt Regulation (EU) 528/2012. It is based on the active substance Silicon dioxide Kieselguhr (CAS 61790-53-2) and is available in different formulations for the control of crawling insects in poultry houses, private homes, industrial and institutional areas.

InsectoSec<sup>®</sup> is very efficient and provides long term protection of the treated areas. It is applied to cracks and crevices, travel routes and places where insects hide. The fine dust particles stick to the insect's outer shell and lead to desiccation due to loss of protective wax and humidity. Due to the unique mode of action, no resistance has yet been reported.

	Description	Benefit	Contains	Formulation	Application / Feeding rate	Manufacturer
InsectoSec®	Biocide for poultry farmers and general pest control	For the control of crawling insects in homes, poultry barns, industrial, and institutional areas	100% Silicon dioxide Kieselguhr (diatomaceous earth)	powder (WP)	Crawling insects: dust application 7g/m <sup>2</sup> Barrier application: 7g/m, 1–3 cm wide Red chicken mite: 50g/m <sup>2</sup>	Biofa

## Please visit our website

### www.andermatt.com for more information or contact us at contact@andermatt.com

English

Spanish

French





