

Portfolio 2024

Crop Production, Pest Control
and Farm Animal Health





Consumers ask for food that is free of residues and has been produced according to standards that respect the environment. We at Andermatt enable the production of healthy food while maintaining a healthy environment. Our R&D, regulatory and technical expertise around the globe provides high-quality products and services to develop alternative solutions to conventional pesticides and fertilizers. Together with you we can make a real change to realize our vision – Healthy Food and Healthy Environment, for all.



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Our biocontrol technologies



At Andermatt, we offer a large number of biocontrol products against a broad range of different pest insects and diseases

In 1988, the development and production of highly selective insecticidal viruses laid the foundation of Andermatt Group in Switzerland. Ever since, our research and development experts around the globe have pioneered in developing novel biological plant protection technologies by adding fungal, bacterial and other biocontrol products, biofertilizers and bioinoculants to our portfolio.

By providing high-quality biological solutions for both organic and conventional farming, the Andermatt Group has evolved from pioneer, to global player, in the agricultural industry. With

23 subsidiaries on 4 continents, as well as with local distributors in more than 60 countries, farmers get access to our broad portfolio to address and solve challenges of today's agriculture.

Our products are approved and listed for the use in organic farming in many countries. We received certificates from the Research Institute of Organic Agriculture (FiBL), OMRI, SGS, BFA, BioGro New Zealand, and others.

① We also offer unformulated raw material.

Characteristics and Benefits

- Highly effective pest control
- Zero residues
- Safe for user
- Harmless to beneficials and the environment
- Ideal for resistance management
- Easy to use and apply
- For conventional, IPM or organic production
- Naturally-occurring, non-toxic and non-GMO



Bio-Insecticides



Madex

Pest

Codling moth (*Cydia pomonella*) is one of the world's most serious pests in apples and pears. Since it is able to adapt to various climatic conditions, management strategies need to be adjusted according to its local developmental characteristics.

Product

Madex contains a *Cydia pomonella* granulovirus and offers highly effective control of codling moth. Due to the alternative mode of action the product is an excellent tool for the sustainable management of codling moth.

Madex was the first commercially available product based on baculovirus worldwide and has been successfully applied for 30 years. Madex can be used for organic production, but is also an effective product for use in IPM and conventional control programs.

Madex Top, Madex Max, Madex Primo, Madex Plus

The Madex line includes several products based on different CpGV isolates. They have been selected to maintain CpGV efficacy in orchards with otherwise resistant codling moths present. Therefore these isolates are effective tools for a sustainable fruit protection.

Product Facts

Against

Codling moth
(*Cydia pomonella*)

Active ingredient

Cydia pomonella granulovirus
(CpGV)

Formulation type

Suspension concentrate (SC)

Concentration

3×10^{13} OB/l

Standard rate

100 ml/ha

Crops

Apple, pear, walnut, quince
and others



Madex Twin

Pest

Oriental fruit moth (*Grapholita molesta*) is a serious pest in stone fruit. It frequently migrates to pome fruit orchards in the late season, where it can cause substantial fruit damage before harvest. Oriental fruit moth is able to complete its entire life cycle on alternative hosts such as apple, cherry, plum and quinces.

Codling moth (*Cydia pomonella*) is one of the world's most serious pests in apples and pears. Since it is able to adapt to various climatic conditions, management strategies need to be adjusted according to its local developmental characteristics.

Product

Madex Twin provides a highly specific and residue-free combined control of oriental fruit moth and codling moth. Madex Twin is the right choice for commercial orchards with both oriental fruit moth and codling moth infestation.

Madex Duo

Madex Duo is a new product development based on a different CpGV isolate. While maintaining the combined control of oriental fruit moth and codling moth, Madex Duo is also effective against codling moths resistant to CpGV.



Product Facts

Against

Oriental fruit moth and codling moth (*Grapholita molesta*, *Cydia pomonella*)

Active ingredient

Cydia pomonella granulovirus (CpGV)

Formulation type

Suspension concentrate (SC)

Concentration

3×10^{13} OB/l

Standard rate

100 ml/ha

Crops

Peach, nectarine, apple, pear, quince, apricot, almond, cherry, plum and walnut



Capex Plus NEW

Pest

Summer fruit tortrix (*Adoxophyes orana*) is a native moth to Europe and Asia. The larvae are highly polyphagous and known to feed on over 50 different host species. However, in Europe it causes most damage on pome and stone fruit trees, while in Asia it is also known to be a damaging pest in tea plantations.

Product

Capex Plus contains Baculoviruses against *Adoxophyes orana* and offers an effective control of summer fruit tortrix populations in different crops. The product selectively controls the key pest and does not harm beneficials, such as pollinators and parasitoids present in the field.

Applied in early spring on overwintering larvae, the product effectively reduces pest damage of the later generations, therefore being an ideal tool for long term pest control.

Product Facts

Against

Summer fruit tortrix (*Adoxophyes orana*)

Active ingredient

Adoxophyes orana granulovirus (AoGV) and *Adoxophyes orana* nucleopolyhedrovirus (AdorNPV)

Formulation type

Suspension concentrate (SC)

Concentration

1.5×10^{13} OB/l AdorGV and 4.2×10^{11} OB/l AdorNPV

Standard rate

100 ml/ha

Crops

Apple, pear, rose, plum, cherry, apricot, peach, currant, tea and others



Cryptex

Pest

The larvae of the false codling moth (*Thaumatotibia leucotreta*) are extremely polyphagous. They are responsible for major damage to citrus in Southern Africa, and to a large number of other crops in Sub-Saharan Africa. False codling moth is also present in Israel where it causes damage in citrus, macadamia, avocado, pomegranates as well as other crops.

Product

Cryptex contains an isolate of *Cryptophlebia leucotreta* granulovirus (CrleGV) which was isolated from a population of false codling moth from South Africa.

Cryptex can be applied without additives such as molasses or sugar and prevents damage within the first year of application. Moreover, Cryptex applications early in the season provide long term control of false codling moth populations.



Product Facts

Against

False codling moth (*Thaumatotibia leucotreta*, formerly: *Cryptophlebia leucotreta*)

Active ingredient

Cryptophlebia leucotreta granulovirus (CrleGV)

Formulation type

Suspension concentrate (SC)

Concentration

2×10^{13} OB/l

Standard rate

200 ml/ha

Crops

Citrus, avocado, pomegranate, bean, cotton, grape, macadamia, ornamental, corn, pepper, stone fruit, tea and others



Helicovex

Pest

The cotton bollworm (*Helicoverpa armigera*) and other *Helicoverpa* species belong to the most damaging pests of economic importance on a global level. They are known to gradually develop resistance against several active substances. The larvae are extremely polyphagous and feed on many different plant structures including stems, leaves, flower heads and fruits. The adults can migrate over long distances.

Product

Helicovex is a tool for the efficient and sustainable control of the cotton bollworm and other *Helicoverpa* species, such as *Helicoverpa zea* or *Helicoverpa virescens*. With its unique mode of action it is a valuable tool in the control of insecticide resistant *Helicoverpa* populations. Helicovex is easily integrated into every plant protection strategy and leaves no residues.



Product Facts

Against

Cotton bollworm (*Helicoverpa armigera*), corn earworm (*Helicoverpa zea*) and other *Helicoverpa* species

Active ingredient

Helicoverpa armigera nucleopolyhedrovirus (HearNPV)

Formulation type

Suspension concentrate (SC)

Concentration

7.5×10^{12} OB/l

Standard rate

200 ml/ha

Crops

Soybean, sorghum, corn, cotton, tomato, lettuce, green beans and others



Alternative Trademark: Bolldex



Spexit

Pest

The beet armyworm (*Spodoptera exigua*) is a destructive polyphagous pest species of worldwide economic importance. Beet armyworms occur in Mediterranean countries, North America, Asia and Africa, and invade the cooler Northern regions as far as temperatures permit their development. Fully-grown larvae devour foliage completely, leaving only major veins. Resistance to beet armyworm is common and globally known.

Product

Spexit is suited for the efficient control of beet armyworm larvae on various crops. With its high compatibility with other inputs and beneficial insects and no residues, this product is a valuable tool for integrated pest management programs. Spexit with its unique mode of action is an important part of resistance management programs.



Product Facts

Against

Beet armyworm
(*Spodoptera exigua*)

Active ingredient

Spodoptera exigua multi-capsid nucleopolyhedrovirus (SeMNPV)

Formulation type

Suspension concentrate (SC)

Concentration

3.75×10^{12} OB/l

Standard rate

200 ml/ha

Crops

Vegetables and others



Tutavir

Pest

Originating in South America, tomato leafminer (*Tuta absoluta*) was found in Spain in 2006 and has been spreading throughout the Mediterranean region but also continental Europe, the Middle East and Africa. The larvae of the pest mine into leaves and fruits which can fast lead to complete crop loss. With up to 12 generations per year, many tomato leafminer populations are resistant to a wide array of insecticides.

Product

Tutavir selectively controls the tomato leafminer and is well suited for population and damage control. Tutavir is a great tool for integrated pest management programs, as it is highly compatible with other inputs, pollinators and beneficial insects and has no residues. Because of its new and unique mode of action, Tutavir is an important tool for resistance management in conventional and biological production systems.

Product Facts

Against

Tomato leafminer
(*Tuta absoluta*)

Active ingredient

Phthorimaea operculella granulovirus (PhopGV)

Formulation type

Suspension concentrate (SC)

Concentration

2×10^{13} OB/l

Standard rate

100 ml/ha

Crops

Tomatoes and other solanaceous crops



Plutex

Pest

The diamondback moth is one of the most abundant pest species occurring all over the world and it is a threat wherever its host plants of the Brassicaceae family occur. Diamondback moth adults are wind-borne and can migrate over long distances. They can even become a pest in regions where the insect cannot overwinter due to low temperature. As diamondback moth populations have developed resistance to many insecticide classes, its control has gotten highly challenging.

Product

Plutex is effective against diamondback moth larvae and significantly reduces crop damage and pest population. Thanks to the unique mode of action and high compatibility in tank mix, Plutex is an excellent tool for resistance management.

Product Facts

Against

Diamondback moth (*Plutella xylostella*)

Active ingredient

Plutella xylostella granulovirus (PlxyGV)

Formulation Type

Suspension concentrate (SC)

Concentration

2.5×10^{13} OB/l

Standard rate

100 ml/ha

Crops

Brassicaceae like cabbage, broccoli and canola



Littovir

Pest

The African cotton leafworm (*Spodoptera littoralis*; top right) and the fall armyworm (*Spodoptera frugiperda*; top left) are extremely polyphagous pests that attack more than 180 plant species of economic importance. The African cotton leafworm is widespread in Africa, the Middle East and the countries of the Mediterranean basin. The fall armyworm is occurring in North and South America and is spreading in Asia and Africa.

While young larvae cause feeding damage to leaves, older caterpillars defoliate plants completely and bore into young stalks, buds, fruits and bolls. Due to their biology and the risk of developing resistance against chemical insecticides, the control of *Spodoptera littoralis* as well as *Spodoptera frugiperda* is challenging and demands new solutions.

Product

Littovir is a highly selective larvicide against the African cotton leafworm and the fall armyworm. Littovir offers residue-free and effective control, resulting in more flexibility when included in existing pest control and resistance management strategies.

Product Facts

Against

African cotton leafworm (*Spodoptera littoralis*) and fall armyworm (*Spodoptera frugiperda*)

Active ingredient

Spodoptera littoralis nucleopolyhedrovirus (SpliNPV)

Formulation type

Suspension concentrate (SC)

Concentration

5×10^{11} OB/l

Standard rate

200 ml/ha

Crops

Row crops like corn and soybean, vegetables and others



Alternative Trademark: Spdovex



Spodovir Plus

Pest

The fall armyworm (*Spodoptera frugiperda*) is a highly polyphagous lepidopteran pest, feeding on at least 180 plant species from over 40 families. It causes major damage to economically important crops such as corn, sorghum, rice and soybean. *Spodoptera frugiperda* originated in the Americas and was first detected in Africa in 2016. Since then, fall armyworm has been spreading rapidly across the African continent and found its way to Asia, where it has established in several countries within the region. In January 2020, fall armyworm has been first recorded in Australia and has spread rapidly throughout the country.

Product

Spodovir Plus is a highly effective larvicide against the fall armyworm, based on the *Spodoptera frugiperda* nucleopolyhedrovirus (SfMNPV). It offers farmers a safe and highly efficient tool against one of today's most destructive and fast spreading agricultural pests.



Product Facts

Against

Fall armyworm
(*Spodoptera frugiperda*)

Active ingredient

Spodoptera frugiperda multi-capsid nucleopolyhedrovirus (SfMNPV)

Formulation type

Suspension concentrate (SC)

Concentration

5×10^{11} OB/l

Standard rate

50–200 ml/ha

Crops

Corn, sorghum, rice, soybean and others



Loopovir

Pest

The soybean looper (*Chrysodeixis includens*) can be found on the American continent from Argentina to Canada. Its wide distribution and its polyphagous behavior, feeding on plants in 28 families, underlines the importance to develop adequate control tools and strategies. Although soybean looper feed on a wide range of host plants, it is generally considered to be a major pest of soybean and tomato. On soybean, larvae start feeding on foliage in the lower canopy and slowly work their way up and outwards. Once the plant is defoliated, the pods are attacked.

Product

Loopovir is a highly effective biological tool to control soybean looper (*Chrysodeixis includens*). Loopovir also offers the farmer an important resistance management tool that can be included in every Integrated Pest Management program (IPM).

Product Facts

Against

Soybean looper
(*Chrysodeixis includens*)

Active ingredient

Chrysodeixis includens nucleopolyhedrovirus (ChinNPV)

Formulation type

Suspension concentrate (SC)

Concentration

5×10^{11} OB/l

Standard rate

50–200 ml/ha

Crops

Soybean, tomato and others

Alternative Trademark: Includex



Loopex

Pest

The cabbage looper (*Trichoplusia ni*) is a highly migratory and destructive pest of various crops, especially in greenhouses in North America, but it is also widely distributed in the tropics and subtropics. Cabbage loopers can severely defoliate plants. Early instar larvae feed on the lower surfaces of leaves, while larger caterpillars cause more conspicuous damage. Resistances to various insecticides have become a severe problem in cabbage looper control.

Product

Loopex offers highly efficient biological control of *Trichoplusia ni* larvae, by preventing damage and management of *Trichoplusia ni* populations. Loopex is a valuable tool that can be included in any pest control program, especially as an additional resistance management tool and for the control of insecticide resistant populations. Due to its high selectivity, Loopex is a safe option for cabbage looper control in production systems using beneficial insects.



Product Facts

Against

Cabbage looper
(*Trichoplusia ni*)

Active ingredient

Autographa californica nucleopolyhedrovirus (AcMNPV)

Formulation type

Suspension concentrate (SC)

Concentration

5×10^{11} OB/l

Standard rate

50–200 ml/ha

Crops

Typically on brassica crops e.g. cabbage, broccoli, collards, kale. Also present on: tomato, lettuce, pea, potato and others



Nomu-Protec

Nomu-Protec contains the insect-pathogenic fungus *Metarhizium rileyi*¹ strain PHP1705 which infects and controls Lepidopteran pests, especially those belonging to the Noctuidae family. Nomu-Protec's unique formulation prevents the fungal spores from drying out and enhances penetration and infection through the "skin" or cuticle of the insect.

Once inside the insect, the fungus grows and multiplies. Death is caused by internal tissue destruction. Sporulation and further spread of *Metarhizium rileyi* in the field is possible.

Advantages

- Unique formulation
- Control of various lepidopteran pests, especially Noctuids
- No residues and no withholding period after application
- Compatible with baculoviruses
- Effective population management and ideal for use in IPM and resistance management programs

Product Facts

Against

Helicoverpa spp., *Spodoptera* spp. and other Noctuids

Active ingredient

Metarhizium rileyi strain PHP1705

Formulation type

Wettable powder (WP)

Concentration

1×10^8 CFU/g

Standard rate

300–1000 g/ha as a full cover spray

Crops

Wide range of crops



Bb-Protec

Bb-Protec contains the insect-pathogenic fungus *Beauveria bassiana* strain R444 which infects and controls whitefly, spider mite, mealybug, and various other agricultural insect pests. Bb-Protec's unique formulation prevents the fungal spores from drying out and enhances penetration and infection of the pest.

The active ingredient *Beauveria bassiana* R444, is a naturally-occurring, soil-borne entomopathogenic fungus. *Beauveria bassiana* spores attach to and penetrate through the "skin" or cuticle of the insect. Once inside the insect, the fungus grows and multiplies. Death is caused by internal tissue destruction. In numerous greenhouse and field trials Bb-Protec proved to be highly effective against mealybug, woolly white fly, spider mite, whitefly, false codling moth and other pests on a variety of crops.

Advantages

- Unique easy to use formulation
- Control of a broad spectrum of insect pests
- No residues and no withholding period after application
- Effective against all stages of the life cycle of most pests
- Effective population management and ideal for use in IPM and resistance management programs
- Compatible with baculovirus products
- Approved for organic agriculture



Product Facts

Against

Various agricultural insect pests such as mealybug, woolly white fly, thrips, whitefly, spider mite, false codling moth, citrus red mite, and other insect pests

Active ingredient

Beauveria bassiana strain R444

Formulation type

Wettable powder (WP)

Concentration

1×10^8 CFU/g

Standard rate

300–1000 g/ha as a full cover spray or drench into soil

Crops

Wide range of crops

Alternative Trademark:
Beauvisan, Eco-Bb



SilicoSec

SilicoSec is a registered plant protection product for the control of all crawling insects in grain and empty storage rooms. Due to the unique mode of action of the active substance, Silicon dioxide Kieselguhr (Diatomaceous earth), the development of resistance is highly unlikely.

The active substance is a naturally occurring diatomaceous earth with a very high content of SiO₂ in the form of a fine white powder. SilicoSec is applied to travel routes and hiding places of the insects. It sticks to the outer shell of the insects while they move through the dust film. It attracts lipids and moisture and leads to desiccation of the insects.

Advantages

- High efficacy
- Easy application
- No resistance
- Long-term protection
- No withholding period (WHP) and no maximum residue limit (MRL)
- Approved for organic production

Product Facts

Against

All crawling insects in grain and empty warehouses such as moth larvae and weevils (*Sitophilus spp.*, *Oryzaephilus surinamensis*, *Rhizopertha dominica* etc.)

Active ingredient

100% Silicon dioxide Kieselguhr (diatomaceous earth)

Formulation type

Dusting powder (DP)

Standard rate

10 g/m² in empty storage rooms, 1–2 kg/ton in grain

Area of application

Stored grain, empty storage rooms



Abietiv

Pest

The balsam fir sawfly (*Neodiprion abietis*) is a native sawfly species that occurs throughout North America. Its larvae are a significant defoliating pest of balsam fir (*Abies balsamea*). *Neodiprion abietis* nucleopolyhedrovirus (NeabNPV) is a naturally occurring biocontrol agent for aerial application, isolated from sawfly populations in Newfoundland, Canada.

Product

Abietiv can be used by Forest managers to maintain the forest landscape by controlling balsam fir sawfly populations. Christmas tree farmers may also utilize Abietiv to protect their tree farms from this destructive pest.

Product Facts

Against
Balsam fir sawfly
(*Neodiprion abietis*)

Active ingredient
Neodiprion abietis nucleopolyhedrovirus (NeabNPV)

Formulation type
Suspension concentrate (SC)

Concentration
 4×10^{12} OB/l

Standard rate
0.25–0.75 ml/ha

Crops
Forests and Woodland



Lymantria dispar MNPV

Pest

The spongy moth (*Lymantria dispar*) is present in North America, Europe, North Africa and Asia. Its larvae feed on developing leaves of more than 300 tree species causing significant growth loss in forested ecosystems as well as in residential communities.

Product

Lymantria dispar MNPV (LdMNPV) is a baculovirus product for efficient control of the spongy moth larvae. LdMNPV is the specific solution for interfering in a complex and diverse ecosystem. This baculovirus product is formulated in a easy to use liquid formulation.

Product Facts

Against
Spongy moth (*Lymantria dispar*)

Active ingredient
Lymantria dispar multicapsid nucleopolyhedrovirus (LdMNPV)

Formulation type
Suspension concentrate (SC)

Concentration
 2.8×10^{10} OB/l

Standard rate
2–4 l/ha

Crops
Forests and Woodland

Bio-Fungicides



Left untreated Control
Right AmyProtec 42



AmyProtec 42

Protects your root system

AmyProtec 42 is a biological soil fungicide, containing spores of the naturally occurring soil bacteria *Bacillus velezensis*. In the root zone, the bacteria outcompete soil-borne pathogens, such as *Rhizoctonia* and *Erwinia*, by accessing space and nutrients and creating a disease-inhibiting protective shield. AmyProtec 42 activates the plant's natural defence mechanisms through induced systemic resistance. Enhanced root growth allows the plant to escape the susceptible state faster before plant emergence. These elements combined prevent from damping-off and stem infections caused by soil-borne pathogens.

AmyProtec 42's unique mode of action helps the plant to build stronger and healthier roots and to improve its tolerance towards biotic (pathogens) and abiotic (water deficiency, salinity) stress.

Advantages

- Protects the plant against soil borne pathogens
- Highly concentrated and pure spore product
- Improved tolerance toward biotic (pathogens) and abiotic (salinity, drought, water) stress
- High compatibility with fertilizers and plant protection products
- Easy and flexible application
- Easy to store, 4 years <25 °C
- Suitable for organic and IPM strategies
- Improves root growth and nutrient mobilization
- Wide range of application methods possible

Product Facts

Against

Rhizoctonia, Fusarium, Verticillium, Phytophthora, Erwinia

Active ingredient

Bacillus velezensis (synonym *Bacillus amyloliquefaciens* spp. *plantarum*) FZB42

Formulation type

Suspension concentrate (SC)

Concentration

>2.5 × 10¹⁰ CFU/ml

Standard rate

0.5–2 l/ha

Crops

Wide range of crops





T-77

T-77 contains the beneficial fungus *Trichoderma atroviride* strain 77B, a very effective aerial Trichoderma strain. The Trichoderma fungus colonises any plant wound or senescing plant tissue, and prevents pathogens such as Botrytis and trunk diseases (e.g. *Eutypa lata*) from penetrating the plant. Thus, T-77 is effective against Botrytis on stems, leaves, flowers and fruits. In the same way, pruning wounds on grapevines and other fruit trees are protected against the entrance of pathogens. Grapevine trials have shown that the protecting fungus may still be present one year after application. Furthermore, T-77 also has the ability to parasitise and destroy fungal pathogens.

T-77 can either be applied as full cover spray or as a directed spray on pruned surfaces.

Advantages

- Prevents pathogen infection in senescing or damaged plant tissues
- Efficient Botrytis protection in greenhouses and open fields
- Fewer plant and yield losses
- Vineyard's productive life is extended as a result of disease prevention (e.g. *Eutypa lata*)
- Increased postharvest shelf life
- No MRLs and withholding period
- Approved for organic agriculture

Product Facts

Against
Botrytis spp, Sclerotinia,
Trunk diseases, Monilinia
spp., etc.

Active ingredient
Trichoderma atroviride
strain 77B

Formulation type
Wettable powder (WP)

Concentration
 2×10^9 CFU/g

Standard rate
250–750 g/ha

Crops
Grape, tomato, onion,
strawberry, nectarine,
soybean and others

Alternative Trademark:
Atroverde, Eco-77

VitiSan

Vitisan is a contact fungicide with preventive and curative effects against a wide range of fungal diseases without the risk of resistance development. This effective and residue-free fungicide is based on potassium bicarbonate with compelling advantages against Oidium and Botrytis in grapes. Vitisan also controls powdery mildew and Botrytis in vegetables, soft fruits and ornamentals as well as scab and sooty blotch and storage diseases in pome fruits.

Since its commercial introduction more than 15 years ago, Vitisan has become an important fungicide in organic viticulture and pome fruit production. Due to its non-residue and non-resistance development properties it is also very effectively applied within IPM strategies.

Vitisan is registered for a wide range of different crops against several major fungal diseases. The product can be applied as a stand-alone treatment but the addition of a wetting agent may improve the efficacy of Vitisan.

Advantages

- Effective protection against a broad spectrum of fungal diseases
- No risk of resistance due to multiplex mode of action
- Short or even absent pre-harvest interval
- Beneficial friendly
- Fully compatible with organic and residue-free production

Product facts

Against
Powdery mildew, Scab,
Botrytis, Gloesporium, Monilia

Active ingredient
Potassium bicarbonate

Fomulation type
Soluble Powder (SP)

Standard rate
3–12 kg/ha

Crops
Grape, pome fruit, stone fruit,
tomato, berries and others



Biostimulants, Bioinoculants



Curatio

Curatio is based on the active ingredient lime sulphur and is suited for controlling fungal diseases like scab, sooty blotch, Marssonina, Monilia, *Taphrina deformans* and powdery mildew. Curatio with its unique mode of action is a curative and preventive fungicide which is able to protect apples during long-lasting rainfalls without risk of resistance development.

Advantages

- Very strong curative effect during the primary ascospore period of scab
- Curative effect against *Taphrina deformans*, plum rust (*Tranzschelia pruni*), cherry leaf spot (*Blumeriella jaapii*), Shot hole disease (*Coryneum blight*)
- Comparable with curative chemical IPM products; can replace a resistant chemical curative product
- No risk of resistance due to unspecific mode of action
- Good side effect to Marssonina, Sooty blotch, Powdery mildew

Product Facts

Against
Scab, Powdery mildew, Sooty blotch, Marssonina, Monilia and *Taphrina deformans*

Active ingredient
Calcium polysulphide
(Lime sulphur)

Formulation type
Dispersible concentrate (DC)

Standard rate
4–12 l/ha

Crops
Pome fruit, stone fruit, grape and others



Left untreated Control
Right T-Gro



T-Gro

T-Gro contains spores of *Trichoderma asperellum* strain kd, a soil-borne strain selected through extensive research. *Trichoderma* spores germinate in the soil and colonise the root zone of the plant. T-Gro enhances the plant's root system, thus helping the plant to mobilize nutrients and cope with stress caused by sub-optimal conditions, such as waterlogging, drought, transplanting and others.

Good results have been achieved on various crops, including potatoes, vegetables, nursery crops, pastures, fruit trees and turf. The method of application is flexible and depends on the crop type. T-Gro can be applied as a seed treatment, as an in-furrow spray, seedling drench/dip or as a soil drench.

Advantages

- Enhanced nutrient mobilization
- Increase in crop quality and yield possible
- Fewer seedling losses
- Improved tolerance to abiotic stress
- Versatile application methods
- Fully compatible with organic and residue free production

Product Facts

Key benefits

Improved nutrient mobilization and tolerance towards abiotic stress

Active ingredient

Trichoderma asperellum strain kd

Formulation type

Wettable powder (WP)

Concentration

2×10^9 CFU/g

Standard rate

250–500 g/ha

Crops

Wide range of crops

Alternative Trademark: Eco-T

T-Gro Easy-Flow

T-Gro Easy-Flow is a specially formulated *Trichoderma asperellum* product on a graphite and talc-based carrier. It is the perfect seed flow lubricant to use with mechanical planters. T-Gro Easy-Flow improves nutrient mobilization and helps buffer stress caused by extreme conditions such as waterlogging, drought or others. The formulation offers additional benefits to planting efficiency, such as a more even plant stand, no more skipped or doubled seeds, and more seeds planted per hectare.

The powder can be sprinkled on top of the seed in the seed hopper and stirred into the top seed layers. As the tractor moves, the agitation of the seed hopper ensures even distribution of the powder throughout the hopper. T-Gro Easy-Flow is the perfect *Trichoderma* seed treatment for broad acre crops like corn or wheat.

Advantages

- Enhanced nutrient mobilization
- Increase in crop quality and yield possible
- Improved tolerance to abiotic stress
- Earlier emergence and fewer seedling losses
- Fully compatible with organic and residue free production
- Designed for the use in mechanical planters

Product Facts

Key benefits

Specially designed to use with mechanical planters, more even plant stand, enhanced nutrient mobilization, improved tolerance towards abiotic stress and improved seed flow

Active ingredient

Trichoderma asperellum strain kd

Formulation type

Powder for dry seed treatment (DS)

Concentration

2×10^9 CFU/g

Standard rate

1–40 g/kg seed (depending on seed size)

Crops

For crops sown with mechanical planters



RhizoVital C5

RhizoVital C5 is a microbial biostimulant containing spores of the naturally occurring soil bacteria *Bacillus atrophaeus* strain ABi05. After application the bacillus colonizes the root system and germinates along the root system of the plant and releases enzymes which stimulate nutrient mobilization. This leads to an increased nutrient availability and uptake, better plant emergence, better stand of the crop and can lead to yield increase. Tolerance to stress caused by unfavorable climatic conditions and field management can be improved. Use RhizoVital C5 as an integral part of a future oriented production strategy.

Advantages

- Cold tolerance favors growth at low temperatures
- Favors plant nutrient mobilization and promotes plant growth
- High compatibility with fertilizers and plant protection products
- Increases crop yield possible through better plant nutrient availability
- Easy to apply and store (2 years when stored <25 °C, dry and protected from sunlight)
- Complements conventional production strategies
- Fully compatible with organic and residue free production

ⓘ All bacillus strains are also available as raw material e.g. for the formulation with fertilizers, seed coatings, etc.

Product Facts

Key benefits

Improved nutrient mobilization, better plant emergence, plant growth and tolerance towards abiotic stress. Active already at 8 °C whereas other rhizobacteria start to work at higher temperatures (>12 °C).

Active ingredient

Bacillus atrophaeus

Formulation type

Suspension concentrate (SC)

Concentration

≥2.5 × 10¹⁰ CFU/ml

Standard rate

0.2–2 l/ha

Crops

Wide range of crops: vegetables, potatoes, ornamentals, berries, fruit trees, row crops (soybean, wheat, barley, rye, sugar beet, corn, buckwheat, sunflower, rice) and others

RhizoVital P45

RhizoVital P45 is a microbial biostimulant containing spores of the naturally occurring soil bacteria *Bacillus velezensis* strain FZB45. After application the bacillus colonizes the root system and germinates along the root system of the plant and releases enzymes which stimulate nutrient mobilization. This leads to an increased nutrient availability and uptake, better plant emergence, better stand of the crop and can lead to yield increase. Tolerance to stress caused by unfavorable climatic conditions and field management can be improved. Use RhizoVital P45 as an integral part of a future oriented production strategy.

Advantages

- Favors the availability of phosphorus for the plant through the production of enzymes (phosphatase and phytase) and promotes plant growth
- Enhances tolerance to abiotic stress
- High compatibility with fertilizers and plant protection products
- Easy to apply and store (2 years when stored <25 °C, dry and protected from sunlight)
- Complements conventional production strategies
- Fully compatible with organic and residue free production

ⓘ All bacillus strains are also available as raw material e.g. for the formulation with fertilizers, seed coatings, etc.

Product Facts

Key benefits

Improved nutrient mobilization, better plant emergence, plant growth and tolerance towards abiotic stress

Active ingredient

Bacillus velezensis

Formulation type

Suspension concentrate (SC)

Concentration

≥2.5 × 10¹⁰ CFU/ml

Standard rate

0.2–2 l/ha

Crops

Wide range of crops: vegetables, potatoes, ornamentals, berries, fruit trees, row crops (soybean, wheat, barley, rye, sugar beet, corn, buckwheat, sunflower, rice) and others

Alternative Trademark: PhosBac



UPP Biostimulants

The newly developed UPP (Unlocking Plant Potential) biostimulant range offers enhanced plant growth solutions to growers in all agricultural sectors. The range consists of four 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.

Rhiz-UPP

Contains the amino acids L-Tryptophan and L-Methionine. Improves root development and early growth in both annual and perennial crops.

Shoot-UPP

Contains the natural fatty alcohol, Triacontanol as well as Ascorbic acid as a synergist. Stimulates processes related to photosynthesis (chlorophyll production) vegetative growth and supports stress tolerance.

Set-UPP

Contains the steroidal lactone, brassinolide. Improves pollination resulting in improved fruit set and yield potential.

Size-UPP

Contains the active ingredient n-ATCA (N-acetyl-thiazolidine-4-carboxylic acid). Supports cellular and enzymatic processes, most often observed in the form of increased fruit/grain weight.

Advantages

- Biostimulants can assist growers to “produce more with less”
- Biostimulants target specific natural growth processes within plants
- Increasing or decreasing these specific functions unlocks greater potential for growth, yield, quality, stress tolerance and more
- UPP products can seamlessly be incorporated into existing programmes, offering synergy with existing inputs, with limited compatibility concerns

V12 Biostimulants

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

The range consists of six different products, each with a unique blend of nutrients:

- V12 Foliars (V12 Multi and V12 Micro) provide balanced nutritional support, stimulate growth, fight stress and combat deficiencies.
- V12 Stage Nutrition (V12 Initiate, V12 Shoot, V12 Fruit and V12 Finish) supports and optimises targeted growth phases.

Advantages

- Effective tailored nutrition to support critical growth stages
- Quickly addresses nutrient deficiencies
- Reduces and combats plant stress
- Optimizes development in each growth phase to enhance yield potential

Product	Macro Biostimulants			Micro Biostimulants	Amino Acids		Vitamins					
	Kelp (E. maxima)	Fulvic Acid	Protein Hydrolysate (Amino Acid Chelate)	Triacontanol	Brassinolide	L-Tryptophan	L-Arginine	C	E	B1	B12	Ca-Lignosulphonate
V12 Initiate	●	●	●									●
V12 Shoot	●		●	●				●		●		
V12 Fruit	●		●		●							
V12 Finish	●		●			●	●					
V12 Multi	●	●	●	●				●	●		●	
V12 Micro	●	●	●									



AlgoVital Plus

AlgoVital Plus is a biostimulant based on brown algae (*Ascophyllum nodosum*). AlgoVital Plus increases the uptake of nutrients and water in horticulture and field crops. The product is commonly added on-farm to every spray mixture, to improve plant health and vitality. The algae extract in AlgoVital Plus contain a number of important substances, such as polysaccharides, alginates, mannitol, vitamins, minerals, main nutrients and micronutrients. These ingredients bring decisive advantages for the plant such as protection against biotic and abiotic stress factors, increased compatibility with plant protection products and other beneficial effects for the development of the crop.

Advantages

- Increase uptake of nutrients and water
- Compatible with most fertilizers and plant protection products
- Enhances tolerance to biotic and abiotic stress
- To be used in a wide range of agricultural crops
- Easy to store and apply



AminoVital

AminoVital is a plant strengthener based on hydrolyzed amino acids of animal origin for foliar application. Amino acids play a crucial role in the metabolism of the plant. The plant usually synthesizes amino acids through the take-up of carbon, water and nitrogen. Through the application of AminoVital directly to the leaf surface the plant can absorb these amino acids directly and "save" the energy-intensive synthesis. Especially in stressful situations, AminoVital has a strengthening effect on plants. A well-nourished plant with healthy root development has a higher level of defense and resistance to climatic extremes.

Advantages

- Enhances tolerance to abiotic stress
- Good distribution on the plant and good adhesion after drying
- Easy to store and apply
- Applicable to a wide range of crops



Seed treatment



Microbials for Seed Treatments and Coatings

Microorganisms that support the plant to build a strong and efficient root system, improving its tolerance towards stress caused by unfavorable conditions or soil pathogens.

Naturally occurring soil microorganisms germinate and colonize young growing roots. These beneficial microorganisms release enzymes and other compounds which stimulate plant growth and mobilize nutrients or have fungicidal and bactericidal effects. On seeds value is added on existing products, by improving germination rate, nutrient uptake, plant emergence and stand establishment.

Some specific strains, such as *Bacillus velezensis* FZB42 have proven to be able to control soil borne diseases such as Rhizoctonia or Fusarium. Seed coating with this strain provides protection during the most sensible period of plant emergence.

Our service

- Delivery of various microorganisms
- Customized carriers and formulations
- Support for lab analysis of the end product
- Delivery of big and small quantities

Product Facts

Key benefits

- Simply processed into agro-inputs, seed treatments and coatings
- Compatible with most fertilizers and plant protection products
- Fungicidal, bactericidal or biostimulating effects, depending on your needs
- Good storage properties: up to 2 years

Mode of action

Growth stimulation, increased stress tolerance and nutrient mobilization through bacterial enzymes and other compounds as well as fungicidal and bactericidal effects.

Active ingredient

Spores of various Bacillus strains and other microorganisms

Delivery type

The spores can be delivered in a customized form, depending on specific needs

Growth regulators, Sprout inhibitor



Biox-M

Biox-M is a naturally occurring germ inhibition product composed of spearmint oil. The mint oil of spearmint contains more than 70 percent L-carvone. L-carvone is an essential oil that provides both germ inhibition and disease protection (anti-fungal and anti-bacterial). The first treatment should happen when the potatoes are dry and cured, 6 to 20 days after harvest and ideally, prior to initial sprout development. As long as mint oil is in circulation, there is a preventive germ inhibition effect. If sprouts have developed more quickly, Biox-M can be used as a curative solution since it will also burn off the germs. After the application the tuber are germ-free for up to 4 weeks. Biox-M is applied through hot fogging (Electrofog Xeda).

Advantages

- High flexibility since it can be used either preventive or curative
- No influence on fry color or taste and crops in neighbouring storage cells
- Natural product
- No toxic residues and short withholding period of three days after application
- Fungicidal and bactericidal effects

ⓘ Only available in Finland, Norway, Sweden and Denmark

Product facts

100% naturally occurring germ inhibitor used post-harvest in potato storage

Active ingredient

Spearmint oil with 70% L-carvone

Formulation type

Suspension concentrate (SC)

Concentration

948 g Spearmint oil/l

Application rate with hot fogging

1st treatment dose: 90 ml/t
Subsequent treatment dose: 30 ml/t

For alternative application strategies contact us: contact@andermatt.com

Waiting period

3 days (6 to 12 days regarding odour)

Monitoring systems, Mass trapping



Rebell, coloured sticky traps

Rebell amarillo
Yellow traps for reliable monitoring or mass trapping of fruit flies

Rebell bianco
Monitoring of sawflies and for the control of raspberry beetles

Rebell blu
Monitoring of thrips

Rebell giallo
Monitoring of white flies, leafminers, sciarid flies, etc.

Rebell orange
Monitoring of carrot flies

Rebell rosso
Monitoring or mass trapping of shothole borers in orchards and vineyards

Glurex forte
Biodegradable solvent for the cleaning of Rebell traps

Tangle-Trap glue
Insect glue for the reuse of Rebell traps

Advantages of Rebell traps

- Specific, cadmium-free colours ensure high reliability and low by-catches
- Integrated UV filter assuring long-lasting colour fastness
- Strong polypropylene protects the traps from deformation
- Very strong glue performs even under severe weather conditions
- Possible to clean and re-use

aPhinity EAB

Combination of a pheromone and a host leaf volatile, together with a green sticky trap for monitoring and early detection of Emerald Ash Borer (*Agilus planipennis*).



Drosal Pro and Drosalure 2.0

Drosal Pro is a cup trap system suited to be a component in an integrated control strategy against spotted wing drosophila (*Drosophila suzukii*). The cups can be filled with specific lures for spotted-wing drosophila. The lures attract spotted-wing drosophila into the body of the trap, where they drown. The cup trap system can be reused for several years.

Drosalure 2.0 is a highly attractive and stabilized attractant for spotted-wing drosophila based on peptides and organic acids. Drosalure 2.0 can be used in combination with Drosal Pro cups or any other kind of liquid trap system.

PheroNorm

Andermatt offers a large range of lures and traps for monitoring of economically important pest species.



Advantages of Drosal Pro and Drosalure 2.0

- Very easy set-up
- Reusable trap system
- Can be filled with the preferred lure (i.e. Drosalure 2.0)
- Up to 3 months efficacy in the field
- No waiting periods, no residue issues
- Shelf-life: 3 years at room temperature

Advantages of PheroNorm

- Continuous, reliable quality for successful monitoring
- Available as single lures or as trap sets
- Standard monitoring system used by research institutes and advisory services all over the world



<i>Acrolepiopsis assectella</i>	Leek moth
<i>Adoxophyes orana</i>	Summer fruit tortrix
<i>Agrilus planipennis</i>	Emerald ash borer
<i>Agrotis ipsilon</i>	Black cutworm
<i>Agrotis segetum</i>	Turnip moth
<i>Anarsia lineatella</i>	Peach tree borer
<i>Anthonomus rubi</i>	Strawberry blossom weevil
<i>Archipis podana</i>	Fruit tortrix moth
<i>Autographa gamma</i>	Sylver-Y moth
<i>Bactrocera dorsalis</i>	Oriental fruit fly
<i>Byturus tomentosus</i>	Raspberry beetle
<i>Cameraria ohridella</i>	Chestnut leafminer
<i>Ceratitis capitata</i>	Medflies
<i>Contarinia nasturtii</i>	Swede midge
<i>Cossus cossus</i>	European goat moth
<i>Cydia nigricana</i>	Pea moth
<i>Cydia pomonella</i>	Codling moth
<i>Cydia splendana</i>	Honeylocust podgall midge
<i>Dasineura gleditchiae</i>	Honey locust pod gall midge
<i>Diabrotica virgifera</i>	Western corn rootworm
<i>Diaphania perspectalis</i>	Box tree moth
<i>Enarmonia formosana</i>	Cherry bark tortrix
<i>Eupoecilia ambiguella</i>	European grape berry moth
<i>Grapholita funebrana</i>	Plum fruit moth
<i>Grapholita lobarzewskii</i>	Small-fruit tortrix
<i>Grapholita molesta</i>	Oriental fruit moth
<i>Halyomorpha halys</i>	Brown marmorated stink bug
<i>Helicoverpa armigera</i>	Cotton bollworm

Ⓞ Lures for other pest species available on demand

<i>Helicoverpa virescens</i>	Tobacco budworm
<i>Leucoptera scitella</i>	Pear leaf blister moth
<i>Lobesia botrana</i>	Grapevine moth
<i>Lygus rugulipennis</i>	European tarnished plant bug
<i>Lymantria dispar</i>	Gypsy moth
<i>Mamestra brassicae</i>	Cabbage moth
<i>Ostrinia nubilalis (Z)</i>	European corn borer
<i>Pammene rhediella</i>	Fruitlet mining tortrix
<i>Pandemis heparana</i>	Apple brown tortrix
<i>Pennisetia hylaeiformis</i>	Raspberry clearwing moth
<i>Phthorimaea operculella</i>	Potato tuber moth
<i>Plodia interpunctella</i>	Indian meal moth
<i>Plutella xylostella</i>	Diamond back moth
<i>Popillia japonica</i>	Japanese beetle
<i>Quadraspidiotus perniciosus</i>	San Jose scale
<i>Resseliella theobaldi</i>	Raspberry cane midge
<i>Rhagoletis cerasi</i>	Cherry maggot
<i>Scrobipalpa ocellatella</i>	Beet moth
<i>Sparganothis pilleriana</i>	Grape leaf roller
<i>Spilonota ocellana</i>	Eye-spotted bud moth
<i>Spodoptera exigua</i>	Beet armyworm
<i>Spodoptera frugiperda</i>	Fall armyworm
<i>Spodoptera littoralis</i>	Egyptian cotton leafworm
<i>Synanthedon myopaeformis</i>	Apple clearwing moth
<i>Synanthedon tipuliformis</i>	Currant clearwing moth
<i>Thaumatotibia leucotreta</i>	False codling moth
<i>Tuta absoluta</i>	Tomato leafminer
<i>Zeuzera pyrina</i>	Leopard moth

Rodent control



Smart solutions for efficient rodent control

topcat – The vole trap. swiss made

The internationally patented topcat-trap is a very efficient, high-quality trap for catching voles from both tunnel directions. With its sensitive release mechanism and the possibility to check for captures above ground the topcat-trap is an effective tool for rodent control.

topsnap – The clever mousetrap. swiss made

topsnap's tunnel-like body awakens the natural curiosity of mice. It is the environmental- and user-friendly alternative to toxic bait, for long-term use in indoor and outdoor areas.

topsnap LR – The clever mousetrap with remote signaling. swiss made

topsnap LR is an advancement of our topsnap. The trap is equipped with a LoRaWAN antenna and temperature sensors. Trap catches can be easily monitored by email alert and in the WebApp where you can also find visualised traps statistics. Thus, expenses for the usual trap checks can be reduced.

standby – The vole fence.

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

Advantages of the topcat-trap

- High quality product made of stainless steel
- Quick and easy handling
- Catches from both tunnel directions and efficient release mechanism
- Very sensitive release mechanism
- Can be used against voles, field mice and others

Advantages of the topsnap-trap

- Innovative two-sided trapping system against small mice moving above ground
- High quality product made of stainless steel and solid plastic
- Easy, fast and secure activation of the trap from the outside
- Contact-free release of catch
- Safe for users, infants and domestic animals

Macroorganisms



Beneficial insects

Adalia bipunctata
Ladybug against aphids.

Phytoseiulus persimilis
Predatory mite against spider mites.

Product Facts

Andermatt has many years of experience in the production of beneficial insects.

Insect feed

Ephestia kuehniella
Frozen eggs of *Ephestia kuehniella* serve as a main food source in the production of many different beneficial insects.

Insect diet
Artificial diet for the rearing of insects.

Product Facts

In the course of the production of baculovirus products, Andermatt has an interesting range of insects on offer for research.

Insects for research

<i>Adoxophyes orana</i>	Summer fruit tortrix
<i>Cydia pomonella</i>	Codling moth
<i>Grapholita molesta</i>	Oriental fruit moth
<i>Helicoverpa armigera</i>	Cotton bollworm
<i>Phthorimaea operculella</i>	Potato tuber moth
<i>Spodoptera exigua</i>	Beet armyworm
<i>Spodoptera littoralis</i>	African cotton leafworm
<i>Tuta absoluta</i>	Tomato leafminer



Entomopathogenic nematodes

Entomopathogenic nematodes occur naturally in the environment as parasites of many insect larvae. The mass release of these nematodes provides an efficient and curative control of key insect pests in a wide range of crops. Once released, nematodes actively seek out their hosts and penetrate into the insect releasing symbiotic bacteria that multiply and rapidly kill the insect.



Advantages

- Entomopathogenic nematodes are a natural product and safe for users, consumers and the environment.
- Andermatt has been developing and marketing beneficial nematode products for over 30 years.
- Easy application with AquaNemix.



Heterorhabditis bacteriophora against larvae of

- Black vine weevil larvae (*Otiorynchus* spp.)
- Garden chafer (*Phyllopertha horticola*)
- Welsh chafer (*Hoplia* spp.)
- Hazelnut borer (*Curculio nucum*)
- Western corn rootworm (*Diabrotica virgifera*)

Steinernema carpocapsae against larvae of

- Chestnut moth (*Cydia splendana*)
- Cutworm (*Agrotis* spp.)
- European pepper moth (*Duponchelia fovealis*)
- Flat-headed root borer (*Capnodis tenebrionis*)
- Leatherjacket (*Tipula paludosa*)
- Mole cricket (*Gryllotalpa gryllotalpa*)
- Palm weevil (*Rhynchophorus ferrugineus*)

Steinernema feltiae against larvae of

- Codling moth (*Cydia pomonella*)
- Oriental fruit moth (*Grapholita molesta*)
- Plum fruit moth (*Grapholita funebrana*)
- Fungus gnat (*Lycoriella* spp., *Bradysia* spp.)
- Leafminer (*Liriomyza* spp.)
- Mushroom sciarid (*Lycoriella* spp.)
- Tomato leafminer (*Tuta absoluta*)
- Western flower thrips (*Frankliniella occidentalis*)

Biocides, Animal Health



InsectoSec

InsectoSec is a biocide registered under the Biocidal Product Regulation (EU) 528/2012. It is based on the active ingredient Silicon dioxide Kieselguhr (Diatomaceous earth) and is available in different formulations for the control of crawling insects in poultry houses, private homes, industrial and institutional areas.

The active substance Silicon dioxide consists of fossilized diatoms and has a very high content of SiO₂. InsectoSec is highly efficient and provides long term protection of the treated areas. The unique mode of action involves the absorption of lipids and humidity leading to the desiccation of the insects. The development of Resistance is, up to now, not known.

Advantages

- High efficacy
- Product family with different formulations
- Easy application
- No resistance
- Long term protection
- No waiting time for eggs or meat No withholding period
- Approved for organic production

Product Facts

Against

All crawling insects in private homes, poultry stables, industrial and institutional areas

Active ingredient

100% Silicon dioxide Kieselguhr (diatomaceous earth)

Formulation

Dry Powder (DP), Wettable Powder (WP), Aerosol

Standard rate

- Crawling insects:
dust application 7 g/m²,
barrier 7 g/m, 1–3 cm wide
- Red chicken mite: 50 g/m²

Area of application

Biocide for poultry farmers and general pest control



Please visit our website
www.anderstatt.com for more
information or contact us
at contact@anderstatt.com

BioVet Bronch

Premix for feeding to cattle and pigs

BioVet Bronch can be given to cattle and pigs before and during the cold season. Eucalyptus, thymol and anethole relieve the bronchial tubes. At the first signs of loss of appetite to enhance the feed or to refresh the respiratory tract and build up resistance BioVet Bronch can be mixed in the feed or in the drinking trough.

Advantages

- Relieves bronchial tubes in livestock and supports the immune system
- Can mobilize resistance to digestive problems such as diarrhea or flatulence

Product facts

Ingredients

Diatomaceous earth, thymol, anethole, eucalyptus oil, clove oil, spruce needle oil

Feeding recommendation per animal/day

- Calves (50 kg): 1,5–3 g
- Cattle (250 kg): 5–10 g
- Cows (600 kg): 9–18 g
- Pigs: 480 g/t of feed

Please note that a period of habituation is required for individual animals. Therefore, we recommend slowly increasing the daily amount over 3 to 4 days until the indicated feeding recommendation is reached.

English



Spanish



French



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Manufacturing companies

Andermatt has an international network of high-quality oriented manufacturers of bio-rational products for agricultural and non-agricultural use. Through these partnerships and shareholdings, we can deliver sustainable solutions around the globe. Due to significant research and development resources, technical expertise and a constant exchange with our customers we successfully fulfil the demands and needs of the market.



Andermatt Biocontrol Suisse AG was founded by Martin and Isabel Andermatt in 1988. With more than 30 years of experience in the development, formulation and production of baculovirus-based biocontrol products, Andermatt Biocontrol Suisse is a global leader in Baculovirus production.

www.biocontrol.ch



ABiTEP GmbH is a German biotech company specialised in the development of products for agriculture and horticulture based on naturally-occurring soil bacteria and other microorganisms. ABiTEP has a strong R&D focus with more than 30 years of experience working with beneficial *Bacillus* species.

www.abitep.de



Biofa AG joined the Andermatt Group in 2018. Originally founded in 1979, Biofa has its roots in the distribution of plant additives for organic farmers and has grown to become the largest supplier and manufacturer of bio-control and bio-fertilizer products in Germany.

www.biofa-profi.de



Andermatt Kenya is a subsidiary of the Andermatt Group of Switzerland and was incorporated in Kenya in 2018. The company offers a wide range of biological (macrobial and microbial) crop protection solutions and bio-stimulants to growers across all sectors of agriculture in the vast East African region (Kenya, Uganda and Tanzania).

www.andermatt.co.ke



Andermatt PHP was initiated in 1998 by Prof. Mark Laing and Dr. Mike Morris under the name Plant Health Products (PHP) in KwaZulu-Natal, South Africa. The company specialises in the production of biocontrol products, particularly fungal based products for pest and disease control. Furthermore, PHP is a founding member of SABO, the South African Bioproducts Organisation.

www.andermatt-php.co.za



Andermatt Madumbi was founded in 2006 and partnered with the Andermatt Group in 2010, bringing together the precision of the Swiss clock with the heartbeat of the African drum. Based in South Africa, the company has a reputation of biological excellence and is a recognised market leader in biorational solutions for commercial agriculture, as well as the Garden and Greenhouse sector.

www.andermatt.co.za



Andermatt Canada was established in 2006 under the name Sylvar Technologies Inc. and joined the Andermatt Group five years later in 2011. The company is a North American leader in the development, production and commercialisation of Baculovirus based products for agriculture and forestry. Besides the development of bio-insecticides, Andermatt Canada also acts as a distributor of biocontrol products in the Canadian forest and agricultural market.

www.andermattcanada.com



Since 2003 Andermatt BioVet AG supplies concepts and products for Animal- and Bee-Health fighting ectoparasites on farm animals and Varroa mites on bees. Andermatt BioVet empowers its professional and hobbyist customers to produce food without residues and at the same time improving animal health and wellbeing.

www.biovet.ch



Andermatt Biogarten AG was founded in 2003 as a spin-off of the Andermatt Group. The company is active in an exciting and growing market to bring biological and sustainable solutions to everyone. Andermatt Biogarten has grown in the last 20 years to one of the largest manufacturer and distributor for home and garden products in Switzerland.

www.biogarten.ch

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