

**ICBpharma**  
Crop Solutions®



# PLANT HEALTH SPECIALISTS

PORTFOLIO 2026/2027



"We believe that innovations are the best way forward for modern agriculture."

---

Crop Solutions Team



**ICB stands for Innovation in Chemistry and Biology**

# **ICB Pharma Crop Solutions is committed to plant health care and developing new products for agriculture.**

ICB Pharma is a Polish research and manufacturing company that has been operating on the market since 2000. The Crop Solutions Department's mission is to produce pesticide-free and low-risk solutions for agricultural and horticultural producers, based on original ideas developed by our specialists. Our products reflect deep chemical knowledge, vast agricultural experience and practical awareness of farmers' problems.

We help to control harmful pests without pesticides and provide technologies to reduce the usage of pesticides. The unique formulations of our foliar fertilisers and plant growth stimulants guarantee high bioavailability of nutrients and multidirectional action on plants, ensuring profitable crop production.

The knowledge and creativity combined with the possibilities of modern technology have resulted in highly effective products with minimal impact on the environment.

# Contents

Technologies	6
--------------	---

## PEST CONTROLLERS

8

Pesticide-free and other novel products for controlling pests.

Siltac	Pesticide-free, physical crop pest control	10
Siltac STRONG	Physical crop pest control with oil enhancers	11
Pyretil	Physical & chemical pest control with pyrethrins	12
Last Bite	Slug and snail control without metaldehyde	13

## PLANT GROWTH STIMULANTS

14

Products for plant strengthening, stress reduction and yield enhancement.

Megis	Reinforcement with stabilised orthosilicic acid	16
Siltan	Titanium-based plant strengthener & yield improver	17
Triavit	Stress reducer & yield booster with triacontanol	18
TriaFrost	Frost damage reducer	19
Alatis	Photosynthesis enhancer with 5-aminolevulinic acid	20
Phenoliq	Plant strengthener & regeneration booster	21
Starset	Fruit setting enhancer	22

## FOLIAR FERTILISERS

23

Important nutrients for plant development, delivered by novel technologies and formulations.

Miligard	Plant strength and health	25
Sulprone	Liquid sulphur with additional benefits	26
Protephos	Liquid nitrogen and phosphorus with additional benefits	27
SiliCu	Chelated copper with absorption enhancers	28
Ferrosil	Chelated iron with absorption enhancers	29

Calprone	Effective calcium delivery to fruit	30
Ionic Ca	Enhanced bioavailability of calcium	31
Ionic Zn	Enhanced bioavailability of zinc	32
TriaFer	Double strength: iron and triacontanol	33
TriaBor	Double strength: boron and triacontanol	34
TriaZinc	Double strength: zinc and triacontanol	35

## SPECIALISED ADJUVANTS

36

Dedicated adjuvants for selected active substances.

Adiumix FLUMIO	Flumioxazin stabiliser & enhancer	38
Adiumix GLYPHO	Maximiser for glyphosate	39
Adiumix SU	Booster for sulfonylurea-based herbicides	40
Adiumix IMA	Enhancer for imidazolinone-based herbicides	41
Akaboo	Silicone based acaricide and insecticide booster	42
Starhit	Acaricide and insecticide booster with natural polymers	43
Sil-Oil	Super-spreader for agrochemicals	44

## SPECIAL PURPOSE PRODUCTS

45

Specialised products for various purposes.

Biopolin	Honey bee attractant for better pollination	47
Apimil	Honey bee calming agent for easy beekeeping	48
Drosinal	Monitoring of Spotted Wing Drosophila	49
Biothinner	Post-bloom thinning agent for apples and pears	50
Products division by target		51
Products division by crop		52
Contact		53

# Technologies



## PRODUCTS

- Siltac
- Siltac STRONG
- Pyretil

## 3D-IPNS™

*Three-Dimensional Immobilising Polymeric Net Structure Technology*

### Novel technology for eliminating sucking pests without pesticides

3D-IPNS™ Technology is based on silicone polymers and crosslinking agents. When applied, these compounds form a three-dimensional polymer structure on a pest's body. The netlike structure immobilises pests very quickly, resulting in a knock-down effect. The effectiveness of treatment usually reaches 85–95%. The polymeric net decomposes into simple substances under environmental conditions.



**Fast Absorbing  
Silicium Technology**

## PRODUCT

- Megis

## FAST ABSORBING SILICIUM

### Easy and deep incorporation of silicon

The Fast Absorbing Silicium Technology guarantees fast absorption and penetration of silicon into plant tissues. The technology prevents silicon from being converted into forms unavailable to plants and optimises its uptake by leaves. This helps maximise silicon utilisation providing a highly bioavailable silicon in a form of stabilised orthosilicic acid.



## PRODUCTS

- Ionic Ca
- Ionic Zn
- Phenoliq

## IONIC LIQUID

### Fast and more effective fertilisation

Thanks to the novel technology, nutrients are delivered to plants in an ionic liquid form (liquid salts). Ionic liquids strongly absorb on a sprayed surface, creating a uniform, ordered layer (film). At ambient temperatures nutrients remain molten on a leaf surface and no crystallisation is observed. The foliar uptake by plants is faster, more effective, and safer in comparison to conventional types of formulations.



## PRODUCT

- Biopolin

## SLOW RELEASE™

### Long-lasting effect of attracting honey bees and other pollinators

The technology prevents rapid evaporation of the attractants after application, thus prolonging their activity. The attractants are placed in microparticles and are released gradually. As a result, the attraction of insect pollinators to the target is stable and extended in time.

**PRODUCT**

- Calprone

**LIPOPHILIC CALCIUM****Delivering calcium directly to fruit**

The technology enables conversion of calcium carbonate into a form with lipophilic properties, easily penetrating through fruit cuticle. Hence, perfect coverage on fruit surface and high affinity for fruit cuticle is observed. This way calcium penetrates easily through cuticle and is delivered directly to fruit.

**PRODUCT**

- Adiumix GLYPHO

**MAX G EFFECT****Maximising glyphosate performance**

The technology enables the modification of chemical characteristics of glyphosate for easier and better absorption by plants.

**PRODUCTS**

- TriaZinc
- TriaBor
- TriaFer
- TriaFrost

**TRIA POWER****Innovative technology for simultaneous delivery of triacontanol and nutrients**

The technology allows triacontanol to be liquefied and combined with micronutrients. As a result, a stimulating and feeding effect on plants is achieved.



# PEST CONTROLLERS

# Effective control of various harmful pests

## Siltac

Pesticide-free,  
physical crop pest control 10

---

## Siltac STRONG

Physical crop pest control  
with oil enhancers 11

---

## Pyretil

Physical & chemical pest control  
with pyrethrins 12

---

## Last Bite

Slug and snail control  
without metaldehyde 13

---

# Siltac

## Pesticide-free, physical crop pest control

A pesticide-free product containing silicone polymers for controlling sucking pests. When applied, silicone polymers form a three-dimensional structure on a pest's body. Such a netlike structure immobilises pests very quickly, resulting in a knock-down effect. Thanks to a physical mode of action, the treated pests are unable to develop resistance. Siltac makes it possible to eliminate pests without any toxic ingredients. Therefore, there is no risk of contamination of the treated crops with pesticide active substances.



Product based on the 3D-IPNS™ Technology  
(see page 6)



### Benefits

- High efficacy
- Immediate effect
- Control of a wide range of pests
- No pesticide residues
- No pest resistance
- Low impact on beneficial fauna

*The product is intended for markets outside the European Union.*

### PROBLEMS

- Spider mites
- Rust mites
- Broad mites
- Psyllids
- Aphids
- Scale larvae
- Thrips
- Mealybugs
- Whiteflies

### COMPOSITION

A mixture of silicone polymers, siloxanes and co-formulants

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

0.05–0.15%

### PACKAGING

5 L, 1 L, 30 mL, 10 mL

Custom options available on request

# Siltac STRONG

## Physical crop pest control with oil enhancers

A pesticide-free product containing silicone polymers and special oil enhancers, for controlling small sucking pests. Compared to Siltac, which controls motile forms, Siltac STRONG not only effectively eliminates motile forms, but also suppresses egg development. The 3D-IPNS™ Technology physical mode of action is improved by oil enhancers. Due to the physical mode of action of the product, it does not contribute to selecting pesticide-resistant pests, even when used multiple times. Siltac STRONG does not contain any toxic ingredients, so there is no risk of pesticide residues in crops.



Product based on the 3D-IPNS™ Technology  
(see page 6)



### Benefits

- Suppression of eggs
- High efficacy of motile forms control
- Immediate action
- No pesticide residues
- No pest resistance
- Low impact on beneficial fauna

*The product is intended for markets outside the European Union.*

### PROBLEMS

- Spider mites
- Rust mites
- Broad mites
- Psyllids
- Aphids
- Scale larvae
- Thrips
- Mealybugs
- Whiteflies

### COMPOSITION

A mixture of silicone polymers, siloxanes and oil enhancers

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

0.05–0.15%

### PACKAGING

5 L, 1 L

Custom options available on request

# Pyretil

## Physical & chemical pest control with pyrethrins

A multi-purpose insecticide concentrate with pyrethrins for controlling pests. It is a dual-action product in which a chemical effect is provided by pyrethrins and a physical effect by the 3D-IPNS™ Technology. The 3D-IPNS™ Technology is based on creation of a polymer netlike structure on a pest's body, which causes immediate immobilisation of pests and cessation of feeding. Moreover, it boosts pyrethrins action by enhancing the exposure of target insects to the insecticide. Thanks to this, it is possible to reduce the dosage of the active ingredient. Pyretil is a PBO free product and the 3D-IPNS™ Technology plays a role of efficacy booster of pyrethrins.



Product based on the 3D-IPNS™ Technology  
(see page 6)



### Benefits

- Broad-spectrum pest control
- High efficacy
- Immediate effect
- Low pest resistance pressure
- No adjuvant needed

### PROBLEMS

- Spider mites
- Rust mites
- Broad mites
- Psyllids
- Aphids
- Scale larvae
- Thrips
- Mealybugs
- Whiteflies
- and others

### COMPOSITION

Natural pyrethrins and a mixture of silicone polymers, siloxanes and co-formulants

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

0.05–0.15%

### PACKAGING

5 L, 1 L

Custom options available on request

*The product is intended for markets outside the European Union.*

# Last Bite

## Slug and snail control without metaldehyde

A product designed to control slugs and snails, based on elemental iron and food grade attractants of natural origin. The formulation provides an effective alternative to toxic chemical baits such as metaldehyde and methiocarb. Last Bite is very attractive to slugs and snails. It is a "ready to use" pelletised bait. Once molluscs consume the pellets, they stop feeding immediately, crawl away and die hidden. Thanks to that, there are no visible dead slugs and snails around protected plants.

### PROBLEMS

- Slugs
- Snails

### COMPOSITION

Elemental iron and food grade attractants of natural origin

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops
- Lawns & Gardens



### Benefits

- Low risk metaldehyde alternative
- Control of a wide range of slug and snail species
- High palatability
- Breaks down into natural plant nutrient
- Low risk to people, pets, birds, and other fauna

*The product is intended for markets outside the European Union.*

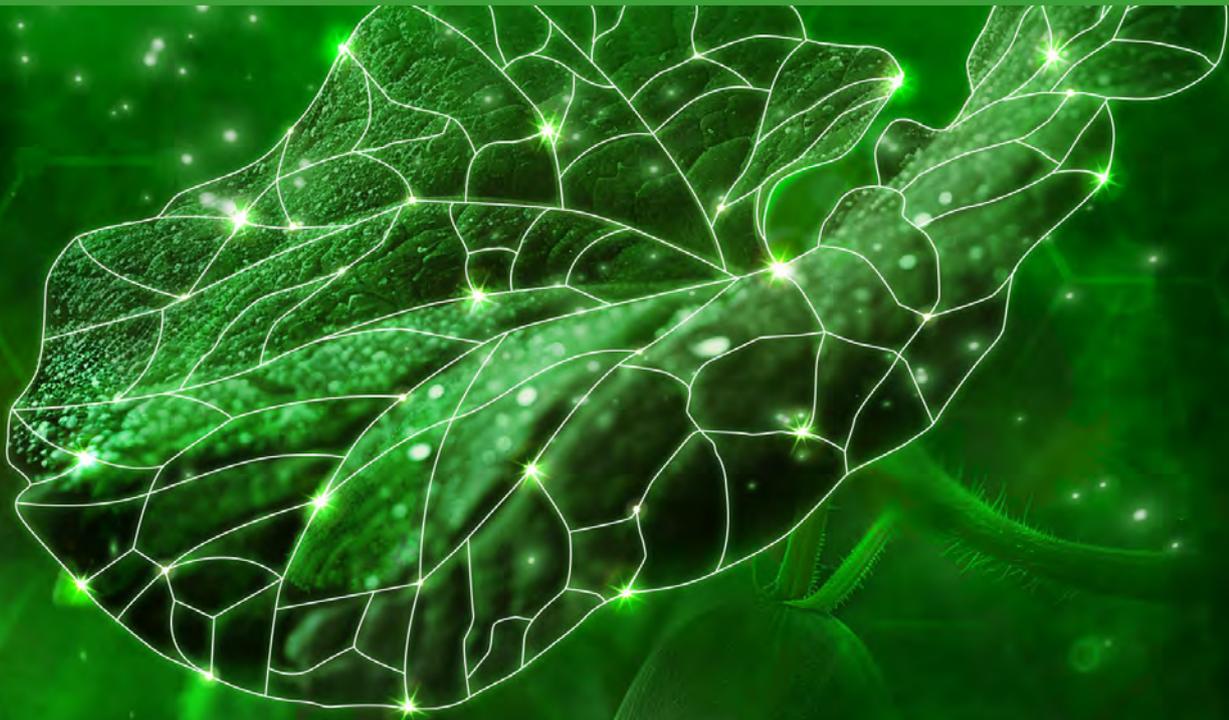
### RECOMMENDED DOSAGE

7 kg/ha

### PACKAGING

5 kg, 1 kg

Custom options available on request



# PLANT GROWTH STIMULANTS

# Effective plant growth and enhanced plant resistance to stress

## Megis

Reinforcement with  
stabilised orthosilicic acid 16

---

## Siltan

Titanium-based plant strengthener  
& yield improver 17

---

## Triavit

Stress reducer & yield booster  
with triacontanol 18

---

## TriaFrost

Frost damage reducer 19

---

## Alatis

Photosynthesis enhancer  
with 5-aminolevulinic acid 20

---

## Phenoliq

Plant strengthener &  
regeneration booster 21

---

## Starset

Fruit setting enhancer 22

---

# Megis

## Reinforcement with stabilised orthosilicic acid

A plant growth stimulant containing bioavailable silicon (Si), micronutrients (Zn, Cu, Mo, B) and organic acids. Megis guarantees fast absorption and deep penetration of silicon into plant tissues. It works by improving the mechanical resistance of plants, increasing the content of phytoalexins (natural defence substances), and stimulating plant metabolic processes. Effective silicon nutrition improves plant growth and development, particularly under stress conditions. Silicon increases plant resistance to abiotic stresses, e.g. drought and salinity. Thanks to the mechanical strengthening of plant tissue it enhances plant resistance to sucking pests and reduces development of fungal and bacterial diseases.



**Fast Absorbing  
Silicium Technology**

Product based on the Fast Absorbing  
Silicium Technology (see page 6)



## Benefits

- Enhanced crop resistance to stress, e.g. drought and high temperatures
- Reduced sunburn symptoms
- Improved fruit firmness
- Reduced fruit cracking
- Boosted dietary value of fruit and vegetables, due to increased polyphenol content
- Better yield in quality and quantity

## SOLUTION FOR

- Plant strengthening
- Drought
- High temperatures
- Sunburns
- Fruit firmness
- Fruit cracking
- Apple colouration

## COMPOSITION

- Silicon (Si) – 0.75% w/w
- Copper (Cu) – 1.0% w/w
- Zinc (Zn) – 0.6% w/w
- Boron (B) – 0.3% w/w
- Molybdenum (Mo) – 0.2% w/w

## CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

## RECOMMENDED DOSAGE

- 0.5–0.75 L/ha
- 0.1%

## PACKAGING

5 L, 1 L, 250 mL

Custom options available on request

# Siltan

## Titanium-based plant strengthener & yield improver

A plant growth stimulant and anti-stress agent containing easily absorbable titanium and spreading agents that ensure its efficient distribution and effective absorption by plants. The spray solution spreads evenly, ensuring perfect coverage and very good adhesion to a plant surface, resulting in a so-called "sticking effect". Siltan has a positive effect on the photosynthesis process and biomass production. The product effectively enhances plant growth and yield.

### SOLUTION FOR

- Fruit firmness
- Fruit cracking
- Abiotic stresses

### COMPOSITION

- Organic form of titanium (Ti) – 0.2% w/w
- Spreading agents (silicone polymers)

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



### Benefits

- Stimulated plant growth
- Increased crop quality, e.g. fruit weight and firmness
- Increased chlorophyll content and intensified photosynthesis
- Improved absorption of nutrients and water
- Increased plant resistance to abiotic stresses

### RECOMMENDED DOSAGE

0.075–0.15%

### PACKAGING

5 L, 1 L

Custom options available on request

# Triavit

## Stress reducer & yield booster with triacontanol

A plant growth stimulant containing triacontanol (TRIA) – a potent natural plant growth promoter. Carefully selected components, including a natural antioxidant, enhance the beneficial effects of triacontanol. The product reduces the negative effects of many abiotic stresses, especially temperature stress, light deficiency, and water deficiency. Moreover, Triavit stimulates the photosynthesis process and plant growth. It enhances crop quality, e.g. fruit mass and firmness, and vitamin C content in fruit. It also promotes shoot and root growth, enhances the quality and number of flower buds, improves fruit set, and reduces fruit drop.



### Benefits

- Better plant resistance to abiotic stresses, especially to temperature stress
- Increased chlorophyll content and intensified photosynthesis
- Improved fruit setting
- Better shoot and root growth, especially after replantation
- Increased fruit mass and yield quality

### SOLUTION FOR

- Chilling
- High temperature
- Photosynthesis
- Fruit setting
- Fruit weight and firmness
- Shoot and root growth

### COMPOSITION

- Triacontanol
- Antioxidant
- Co-formulants

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

- 1 L/ha
- 0.075%

### PACKAGING

5 L, 1 L

Custom options available on request



# TriaFrost

## Frost damage reducer

A plant growth stimulant designed to reduce damage caused by spring frost. It contains a set of anti-frost agents (cryo-protectants and antioxidants), enriched with triacontanol and zinc. The unique formulation enhances plants resistance to frost, reducing flower and fruitlet damage and their dropping. It effectively helps to inhibit ice formation in plant tissues. Moreover, it enhances natural plant metabolic processes, increasing plant resistance to unfavourable temperatures.



Formulated with the TRIA Power technology (see page 7)

### SOLUTION FOR

- Spring frost

### COMPOSITION

- Cryo-protectants
- Antioxidants
- Triacontanol
- Zinc
- Uptake boosters

### CROPS

- Fruit trees
- Berries



## Benefits

- Reduction of spring frost damage
- Decreased flower and fruitlet drop
- Minimised yield losses caused by spring frost

### RECOMMENDED DOSAGE

5–7.5 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# Alatis

## Photosynthesis enhancer with 5-aminolevulinic acid

A plant growth stimulant containing photosynthesis promoter – 5-aminolevulinic acid (5-ALA), and macro- and micronutrients. Alatis effectively stimulates chlorophyll biosynthesis and improves photosynthesis. Moreover, the product enhances an antioxidant defence system and increases plant resistance to abiotic stresses. It helps plants regenerate after damage caused by harmful stress conditions. The use of Alatis results in better uptake of mineral nutrients, particularly under intensive fertilisation conditions. It promotes the anthocyanin biosynthesis, leading to better fruit colouration.



### Benefits

- Improved chlorophyll content and intensified photosynthesis
- Better plant growth under light deficiency
- Enhanced plant resistance to various types of stress: light stress, temperature stress, salinity, drought
- Extended harvest period under cover
- Better fruit quality, e.g. firmness and colouration
- Increased content of vitamin C in fruit

### SOLUTION FOR

- Photosynthesis
- Abiotic stresses
- Fruit colouration
- Yield quality and quantity

### COMPOSITION

5-aminolevulinic acid (5-ALA HCl) – 0.2% w/w, nitrogen (N) – 4.0% w/w, phosphorus (P<sub>2</sub>O<sub>5</sub>) – 10% w/w, potassium (K<sub>2</sub>O) – 1.1% w/w, magnesium (MgO) – 2.4% w/w, manganese (Mn) – 0.09% w/w, zinc (Zn) – 0.05% w/w, boron (B) – 0.04% w/w, iron (Fe) – 0.04% w/w, copper (Cu) – 0.008% w/w, molybdenum (Mo) – 0.007% w/w

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals

### RECOMMENDED DOSAGE

- 0.5–0.6 L/ha
- 0.05%

### PACKAGING

5 L, 1 L

Custom options available on request

# Phenoliq

## Plant strengthener & regeneration booster

A plant growth stimulant containing nitrophenolates and micronutrients (B, Mo) in the Ionic Liquid Technology. Thanks to this technology, the level of nitrophenolates absorption and their bioavailability are exceptionally high. The product is a strong regenerating and strengthening agent. It stimulates plant regeneration processes after stress factors, e.g. frost, or phytotoxic damage resulting from fertilisers or pesticides use. Moreover, the product increases plant resistance to unfavourable growth conditions, such as drought, chilling, and salinity. It also ensures better plant growth, higher yield and crop quality, e.g. higher sugar content in sugar beets.



Formulated with the Ionic Liquid Technology  
(see page 6)



### Benefits

- Fast and efficient nitrophenolates absorption
- Intensified plant regenerative processes
- Better plant resistance to unfavourable growth conditions
- Reduced risk of damage caused by pesticides or fertilisers
- Reduced boron and molybdenum deficiency symptoms

### SOLUTION FOR

- Plant regeneration
- Abiotic stresses
- Phytotoxic damage after pesticides or fertilisers use
- Temperature stress
- Water deficiency

### COMPOSITION

Nitrophenolates in ionic liquid form: para-nitrophenol – 3 g/L, ortho-nitrophenol – 2 g/L, 2-methoxy-5-nitrophenol – 1 g/L, and micronutrients: boron (B) – 21 g/L, molybdenum (Mo) – 1 g/L

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

0.5 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# Starset

## Fruit setting enhancer

A plant growth stimulant for effective fruit setting. It is recommended especially when pollination is not satisfactory due to unfavourable weather conditions or low effectiveness of insect pollinators. Starset is a unique blend of micronutrients and stimulants that directly enhance the fruit setting process. Boron and molybdenum are essential for successful pollination and fruit setting.

### SOLUTION FOR

- Fruit dropping
- Fruit setting

### COMPOSITION

- Boron (B)
- Molybdenum (Mo)
- Fruit set enhancers
- Efficacy boosters (triacontanol and others)

### CROPS

- Tomatoes under cover
- Strawberries
- Sour cherries



## Benefits

- Better fruit set
- Reduced fruitlet dropping
- Improved fruit quality
- Increased total yield and percentage of marketable fruit

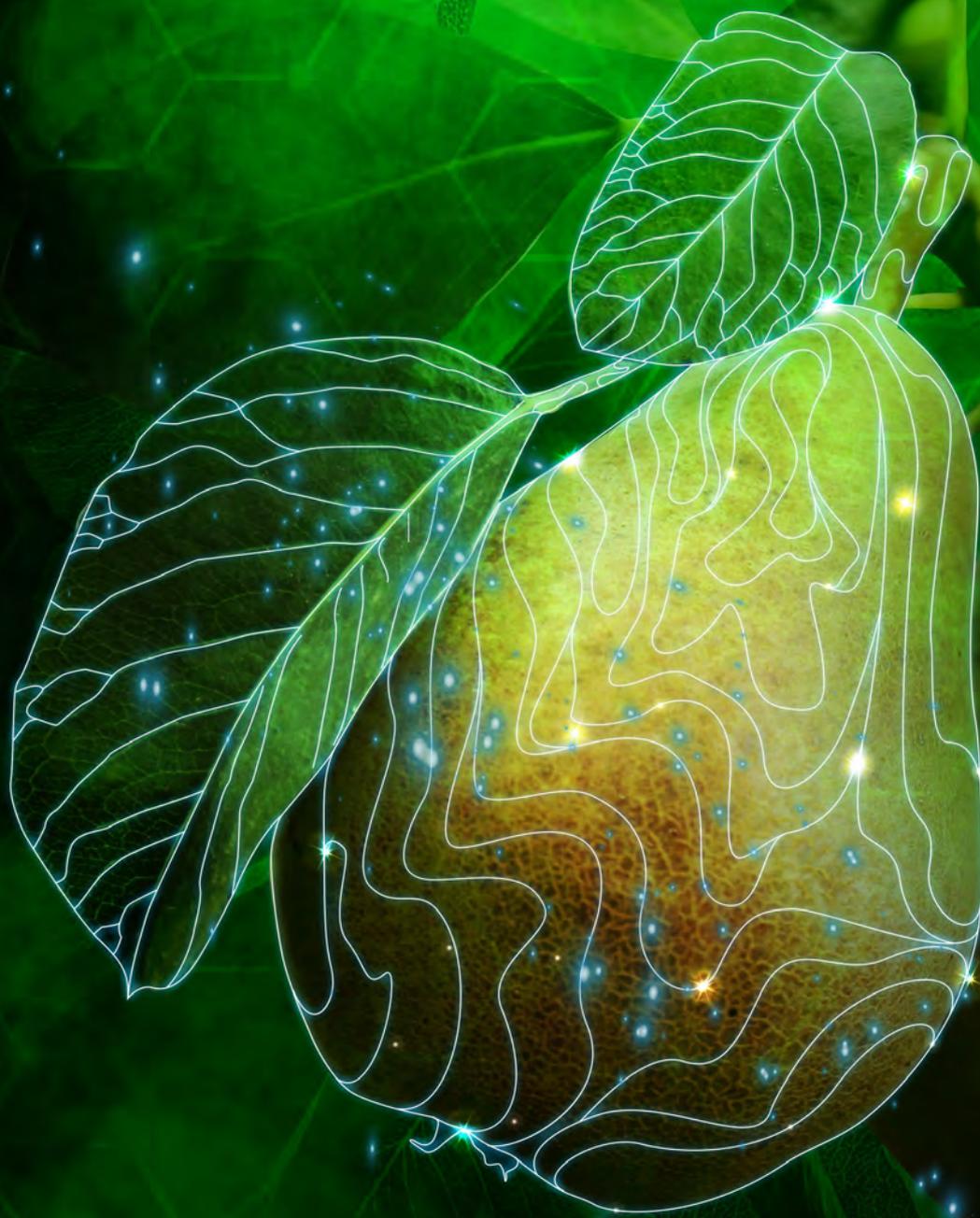
### RECOMMENDED DOSAGE

0.5%

### PACKAGING

5 L, 1 L

Custom options available on request



# FOLIAR FERTILISERS

# Optimal plant nutrition and increased plant resistance to stress

## Miligard

Plant strength and health 25

---

## Sulprone

Liquid sulphur  
with additional benefits 26

---

## Protephos

Liquid nitrogen and phosphorus  
with additional benefits 27

---

## SiliCu

Chelated copper  
with absorption enhancers 28

---

## Ferrosil

Chelated iron  
with absorption enhancers 29

---

## Calprone

Effective calcium delivery  
to fruit 30

---

## Ionic Ca

Enhanced bioavailability of calcium 31

---

## Ionic Zn

Enhanced bioavailability of zinc 32

---

## TriaFer

Double strength:  
iron and triacontanol 33

---

## TriaBor

Double strength:  
boron and triacontanol 34

---

## TriaZinc

Double strength:  
zinc and triacontanol 35

---

# Miligard

## Plant strength and health

A foliar fertiliser that effectively strengthens plants and supports their health. The unique formulation delivers phosphorus (P) and potassium (K) to plants and forms a thin film on a leaf surface. This significantly improves and prolongs the bioavailability of nutrients. Thanks to its unique composition, Miligard helps plants to become stronger and healthier, which increases their resistance to unfavourable growing conditions. The product boosts plant resistance to various types of stress and improves crop quality and yield.

Miligard can be used both to improve crop quality and to support conventional chemical disease control. In many cases, it allows for a decrease in the use of chemical plant protection products. That reduces the risk of pesticide residues in fruits and vegetables.



### Benefits

- Strengthened plants, more resistant to various stresses
- Healthy green foliage
- Effective source of phosphorus and potassium
- Increased vigour and resistance to unfavourable conditions
- Enhanced yield and quality

### SOLUTION FOR

- Plant strengthening
- Potassium and phosphorus fertilisation
- Crop quality

### COMPOSITION

- Phosphorus ( $P_2O_5$ ) – 21% w/w
- Potassium ( $K_2O$ ) – 44% w/w
- Film forming agents

The product does not contain phosphites or acid carbonates (bicarbonates).

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

3.5–5 kg/ha

### PACKAGING

10 kg, 5 kg, 1 kg

Custom options available on request



# Sulprone

## Liquid sulphur with additional benefits

A liquid sulphur fertiliser enriched with potassium (K), phosphorus (P), and micronutrients: molybdenum (Mo) and zinc (Zn). It combines the antifungal action of sulphur and the effective strengthening of plants thanks to the efficient fertilisation with potassium and phosphorus. Sulphur, molybdenum and zinc play a key role in improving plants' metabolism and utilisation of nitrogen. The interaction of sulphur with nutrients allows outstanding effectiveness to be achieved. Sulprone enhances plant resistance to unfavourable growth conditions, strengthens plant vigour, and improves the yield.



### Benefits

- Effective sulphur, potassium, and phosphorus fertilisation
- Maximised effect of sulphur fertilisation
- Improved nitrogen metabolism
- Valuable tool for integrated crop protection

### SOLUTION FOR

- Sulphur fertilisation
- Potassium and phosphorus fertilisation
- Abiotic stresses
- Crop quality
- Nitrogen utilisation

### COMPOSITION

- Sulphur (S) – 25% w/w
- Phosphorus ( $P_2O_5$ ) – 6% w/w
- Potassium ( $K_2O$ ) – 12.5% w/w
- Zinc (Zn) – 0.08% w/w
- Molybdenum (Mo) – 0.008% w/w

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

2.5–4 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# Protephos

## Liquid nitrogen and phosphorus with additional benefits

A liquid fertiliser containing nitrogen and phosphorus, for foliar and soil application. The product plays a double role in plants. In addition to effective fertilisation, Protephos strongly enhances plant resistance to unfavourable conditions, e.g. fungal diseases (downy mildews, *Phytophthora* and others). Protephos also contains a set of unique activity boosters which substantially increase the positive biological effects on plants. Thanks to that, the product works effectively even under severe conditions.

### SOLUTION FOR

- Plant strengthening
- Nitrogen and phosphorus deficiency

### COMPOSITION

- Nitrogen (N) – 9.0% w/w
- Phosphorus (P<sub>2</sub>O<sub>5</sub>) – 21.0 % w/w

### CROPS

- Fruit trees
- Berries
- Vegetables
- Vineyards



### Benefits

- Better plant resistance to stress, e.g. fungal diseases
- Effective source of nitrogen and phosphorus
- Improved plant condition
- Enhanced crop quality and quantity

### RECOMMENDED DOSAGE

3–4 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# SiliCu

## Chelated copper with absorption enhancers

A foliar fertiliser containing specific combination of copper chelate and silicone polymers. The formulation provides efficient spreading and effective nutrient absorption. The spray solution spreads evenly, ensuring perfect coverage and very good adhesion to a plant surface, resulting in a so-called "sticking effect". The easily absorbable form effectively prevents copper deficiency.

### SOLUTION FOR

- Copper deficiency
- Crop quality

### COMPOSITION

- Copper (Cu) – 2.0% w/w
- Spreading agents (silicone polymers)

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



## Benefits

- Maximised effectiveness of copper fertilisation
- Improved rainfastness
- Reduction of copper deficiency symptoms
- Better quality yield
- Compatible with most plant protection products

### RECOMMENDED DOSAGE

0.05–0.12%

### PACKAGING

5 L, 1 L

Custom options available on request

# Ferrosil

## Chelated iron with absorption enhancers

A foliar fertiliser containing chelated form of iron and special spreading agents (silicone polymers) that ensure its efficient distribution and effective absorption by plants. The spray solution spreads evenly, ensuring perfect coverage and very good adhesion to a plant surface, resulting in a so-called "sticking effect". The easily absorbable form effectively prevents iron deficiency.

### SOLUTION FOR

- Iron deficiency
- Crop quality

### COMPOSITION

- Chelated iron
- Spreading agents (silicone polymers)

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



## Benefits

- Maximised effectiveness of iron fertilisation
- Improved rainfastness
- Reduction of iron deficiency symptoms
- Improved chlorophyll content and intensified photosynthesis
- Enhanced yield quality
- Compatible with most plant protection products

### RECOMMENDED DOSAGE

0.05–0.12%

### PACKAGING

5 L, 1 L

Custom options available on request

# Calprone

## Effective calcium delivery to fruit

A foliar fertiliser which is a highly efficient source of calcium for fruit, enriched with micronutrients: boron (B), molybdenum (Mo), and manganese (Mn). The Lipophilic Calcium Technology used in the product provides perfect coverage on fruit surface and high affinity for fruit cuticle. Calcium penetrates easily through cuticle and is delivered directly to fruit. The combination of micronutrients essential for proper plant growth and development improves plant health, especially under adverse growing conditions. Calprone effectively reduces calcium related physiological disorders and improves crop quality and fruit storage ability.



Formulated with the Lipophilic Calcium Technology (see page 7)

### SOLUTION FOR

- Calcium related physiological disorders
- Fruit firmness & cracking
- Crop quality

### COMPOSITION

- Total calcium (CaO) – 25% w/w
- Micronutrients: boron (B) – 0.09% w/w, manganese (Mn) – 0.02% w/w, molybdenum (Mo) – 0.002% w/w

### CROPS

- Fruit trees
- Berries



## Benefits

- Effective calcium penetration through cuticle into fruit
- Better yield quality, e.g. firmness
- Reduced calcium deficiency disorders
- Reduced sunburn symptoms

### RECOMMENDED DOSAGE

3–3.5 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# Ionic Ca

## Enhanced bioavailability of calcium

A calcium-nitrogen foliar fertiliser based on the Ionic Liquid Technology. Thanks to the novel technology nutrients are delivered to plants in ionic liquid form (liquid salts). No crystallisation of the product is observed. Hence, Ionic Ca delivers calcium quickly and effectively, and the risk of phytotoxicity is lower. The easy-to-use formulation helps to reduce calcium related physiological disorders, improves fruit firmness and fruit storage ability.



Formulated with the Ionic Liquid Technology  
(see page 6)

### SOLUTION FOR

- Calcium related physiological disorders
- Fruit firmness & cracking
- Crop quality

### COMPOSITION

- Calcium (CaO) – 15.4% w/w
- Nitrogen (N) – 9% w/w

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



## Benefits

- Fast and efficient calcium absorption
- Safer spraying compared to traditional fertilisers
- Improved fruit firmness and reduced fruit cracking
- Reduced calcium deficiency physiological disorders

### RECOMMENDED DOSAGE

0.4–1%

### PACKAGING

5 L, 1 L

Custom options available on request

# Ionic Zn

## Enhanced bioavailability of zinc

A zinc foliar fertiliser based on the Ionic Liquid Technology. The novel technology allows the fertiliser to remain in a liquid form after spraying and no crystallisation on the sprayed surface is observed. With Ionic Zn, zinc uptake is faster, more effective, and safer in comparison to conventional zinc fertiliser formulations. Foliar feeding with zinc improves plant growth, influences the hormonal and enzymatic balance and has a positive effect on plant condition and yield. Zinc fertilisation increases plant resistance to unfavourable growth conditions, e.g. drought, chilling, and freezing stress.



Formulated with the Ionic Liquid Technology  
(see page 6)



## Benefits

- Fast and efficient zinc absorption
- Safer spraying compared to traditional fertilisers
- Better efficiency compared to conventional zinc fertilisers
- Reduced zinc deficiency symptoms

## SOLUTION FOR

- Zinc deficiency
- Abiotic stresses
- Crop quality

## COMPOSITION

Zinc (Zn) – 16% w/w  
in water-soluble form

## CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

## RECOMMENDED DOSAGE

0.2–0.5 L/ha

## PACKAGING

5 L, 1 L

Custom options available on request

# TriaFer

## Double strength: iron and triacontanol

An iron foliar fertiliser enriched with triacontanol – a strong plant growth stimulant and anti-stress agent. Thanks to its unique composition, the product provides powerful plant strengthening and nourishing effects. Both components effectively interact to intensify photosynthesis and essential metabolic processes, setting TriaFer apart from standard iron fertilisers. The product quickly and effectively helps plants overcome chlorosis and photosynthetic disorders caused by iron deficiency, enhances plants' resistance to stress, and improves yield quality and quantity.



Formulated with the TRIA Power technology (see page 7)

### SOLUTION FOR

- Iron deficiency
- Photosynthesis
- Abiotic stresses

### COMPOSITION

- Iron (Fe) – 2.25% w/w
- Triacontanol

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



## Benefits

- Fast and efficient iron and triacontanol absorption
- Prevention of chlorosis symptoms caused by iron deficiency
- Faster plant recovery after iron deficiency
- Improved chlorophyll biosynthesis and photosynthesis
- Increased plant resistance to abiotic stresses

### RECOMMENDED DOSAGE

- 2–3 L/ha
- 0.3–0.4%

### PACKAGING

5 L, 1 L

Custom options available on request

# TriaBor

## Double strength: boron and triacontanol

A boron foliar fertiliser enriched with triacontanol which is a strong plant growth stimulant and anti-stress agent. The product supports the development of plants, especially during their flowering and fruiting periods. Boron is crucial for plant reproductive processes and proper plant growth. Triacontanol increases chlorophyll content, intensifies photosynthesis, and promotes healthy plant development. It increases plant resistance to abiotic stresses, especially to temperature stress, light stress, and water deficiency.



Formulated with the TRIA Power technology  
(see page 7)

### SOLUTION FOR

- Flower formation
- Pollen production
- Abiotic stresses
- Boron deficiency

### COMPOSITION

- Boron (B) – 4.4% w/w
- Nitrogen (N) – 11% w/w
- Triacontanol

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



## Benefits

- Efficient boron and triacontanol absorption
- Better flower formation and pollen production
- Enhanced plant resistance to abiotic stresses
- Optimised sugar content
- Improved fruit quality and quantity
- Reduction of boron deficiency

### RECOMMENDED DOSAGE

0.5–2.5 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# TriaZinc

## Double strength: zinc and triacontanol

A zinc foliar fertiliser enriched with triacontanol and molybdenum. TriaZinc provides double strength: zinc and triacontanol in one treatment, which results in a strong anti-stress and yield-increasing effect. Both components effectively interact, increasing plant resistance to stress, intensifying photosynthesis, plant growth, and yield. The unique formulation containing absorption promoters ensures effective zinc delivery. Also, TriaZinc contains molybdenum that plays a key role, among others, in nitrogen metabolism.



Formulated with the TRIA Power Technology (see page 7)



## Benefits

- Efficient zinc, molybdenum, and triacontanol absorption
- Increased plant resistance to abiotic stresses, especially temperature stress
- Increased chlorophyll content and intensified photosynthesis
- Enhanced root system growth and biomass accumulation
- Better fruit set and seed formation
- Enhanced crop quality and quantity (e.g. firmness)

## SOLUTION FOR

- Abiotic stresses
- Fruit set and seed formation
- Root growth and biomass accumulation
- Crop quality
- Zinc and molybdenum deficiency

## COMPOSITION

- Zinc (Zn) – 11% w/w
- Molybdenum (Mo) – 0.17% w/w
- Triacontanol

## CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

## RECOMMENDED DOSAGE

0.7–0.75 L/ha

## PACKAGING

5 L, 1 L

Custom options available on request

The background features a vibrant green color palette. A central plant with long, slender leaves is highlighted with glowing yellow and pink particles. A faint hexagonal grid pattern is overlaid on the background, suggesting a molecular or scientific theme.

# SPECIALISED ADJUVANTS

# Enhanced performance of herbicides, insecticides and acaricides

## Adiumix FLUMIO

Flumioxazin stabiliser  
& enhancer 38

---

## Adiumix GLYPHO

Maximiser for glyphosate 39

---

## Adiumix SU

Booster for sulfonylurea-based  
herbicides 40

---

## Adiumix IMA

Enhancer for imidazolinone-based  
herbicides 41

---

## Akaboo

Silicone based acaricide  
and insecticide booster 42

---

## Starhit

Acaricide and insecticide booster  
with natural polymers 43

---

## Sil-Oil

Super-spreader for agrochemicals 44

---



# Adiumix FLUMIO

## Flumioxazin stabiliser & enhancer

An adjuvant specifically formulated to enhance the performance of flumioxazin-based herbicides. Flumioxazin is relatively unstable under environmental conditions and undergoes pH-dependent hydrolysis and UV degradation. Adiumix FLUMIO prevents these processes.

The product works as:

- a pH controller – creates a non-leachable microenvironment with the pH favourable to the active ingredient,
- an antioxidant agent – protects the flumioxazin molecules from oxidation,
- a surfactant – forms a homogeneous film on the top layer of the soil. Then, the surfactant helps flumioxazin to run down and under the soil clods, which protects the flumioxazin molecules against the destructive effects of UV light.



## Benefits

- Stabilisation of flumioxazin herbicide performance
- Better leaf cuticle penetration
- Improved pre-emergent and post-emergent activity of flumioxazin
- Reduced fluctuation of the herbicide efficacy caused by changing weather
- Reduction of herbicide dosage

### SOLUTION FOR

- Herbicide effectiveness

### COMPOSITION

- Anionic surfactant
- Antioxidative agent
- pH controller
- Co-formulants: efficacy boosters

### CROPS

- Arable crops
- Fruit trees
- Vineyards

### RECOMMENDED DOSAGE

0.1–0.2 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# Adiumix GLYPHO

## Maximiser for glyphosate

An adjuvant with multidirectional action dedicated for use with glyphosate-based herbicides and also a number of other herbicides, e.g. phenoxy acids. Glyphosate is better absorbed by plants due to its modified chemical properties. The adjuvant ensures excellent spreading of herbicide on a plant surface and boosts the penetration of glyphosate into weed leaves. Additionally, it captures and neutralises hard water ions, e.g. calcium, magnesium and iron ions, which may reduce the action of glyphosate. The adjuvant allows for a decrease in the dosage of glyphosate-based products by up to 35%, while keeping very high control rate.



Formulated with the MAX G Effect Technology  
(see page 7)



## Benefits

- Improved spreading and boosted glyphosate penetration
- Enhanced rainfastness
- Neutralised negative impact of water ions
- Better performance towards hard-to-control weeds
- Reduction of herbicide dosage
- Lower risk of glyphosate residues in food, e.g. after desiccation

## SOLUTION FOR

- Herbicide effectiveness

## COMPOSITION

- A blend of surfactants
- Efficacy boosters
- Hard water ions neutralisers

## CROPS

- Arable crops
- Fruit trees
- Vineyards

## RECOMMENDED DOSAGE

0.8–1 L/ha

## PACKAGING

5 L, 1 L

Custom options available on request

# Adiumix SU

## Booster for sulfonylurea-based herbicides

A multifunctional adjuvant designed to enhance the performance of sulfonylurea-based herbicides and a wide range of water-soluble pesticides. It creates a unique ionic liquid structure with a SU herbicide, which significantly improves the active ingredient transfer into leaf tissues. Such a form has a great wetting ability and high affinity for cuticle lipids in leaves. This way, improved adhesion performance of pesticides and increased penetration are achieved. Such features are particularly important in case of well-developed weed cuticle, which creates a barrier for pesticide entry. This type of cuticle is especially common in older weeds or those growing during drought.

### SOLUTION FOR

- Herbicide effectiveness

### COMPOSITION

- A blend of cationic and non-ionic surfactants
- SU stabilisers

### CROPS

- Arable crops



## Benefits

- Conversion of SU active substance into an ionic liquid
- Reduced surface tension to improve leaf coverage
- Increased wetting and adhesion of herbicides
- Improved rainfastness
- Reduction of herbicide dosage

### RECOMMENDED DOSAGE

50–100 mL/ha

### PACKAGING

5 L, 1 L

Custom options available on request



## SPECIALISED ADJUVANTS

# Adiumix IMA

### Enhancer for imidazolinone-based herbicides

An adjuvant designed specifically to enhance the performance of imidazolinone-based herbicides, especially imazamox. The product optimises herbicide performance, especially when the conditions are unfavourable for proper herbicide action.

Adiumix IMA:

- works as a penetrant – enhances herbicide penetration into leaf tissues,
- maximises the spreading effect, enhancing the absorption of active ingredient by weeds,
- inhibits the crystallisation process of imidazolinones on a leaf surface,
- secures high efficacy of herbicides under extreme weather conditions such as drought and high temperature.

### SOLUTION FOR

- Herbicide effectiveness

### COMPOSITION

- Imidazolinone solvents
- Surfactants
- Crystallisation inhibitor

### CROPS

- Arable crops



### Benefits

- Enhanced solubility of imidazolinone herbicides
- Excellent spreading
- Maximised penetration of active ingredient through cuticle waxy layer
- Improved protection against wash-out
- High efficacy of herbicide under extreme weather conditions

**RECOMMENDED DOSAGE**  
0.3–0.5 L/ha

**PACKAGING**  
5 L, 1 L  
Custom options available on request

# Akaboo

## Silicon based acaricide and insecticide booster

An adjuvant designed to boost the performance of acaricides and insecticides. It works by enhancing the exposure of target insects to active substances. Therefore, it is possible to reduce the dosage of active substance. Moreover, the product reduces the pest resistance development.

### SOLUTION FOR

- Herbivorous mites

### COMPOSITION

- Silicone polymers
- Solvents

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



### Benefits

- Boosted efficacy of acaricides and insecticides
- Reduced acaricide dosage
- Decreased pest resistance development
- High compatibility with numerous acaricides and insecticides

### RECOMMENDED DOSAGE

0.2–0.3%

### PACKAGING

5 L, 1 L

Custom options available on request

# Starhit

## Acaricide and insecticide booster with natural polymers

An adjuvant designed to enhance the performance of acaricides and insecticides. It is based on natural polymers, which create a thin, sticky layer on a treated surface. Starhit effectively attaches active ingredient to target pests, enhancing the exposure of pests to the active substances and improving rainfastness. Enhanced active substance absorption into pest bodies provides higher efficacy of treatment and enables reduction of acaricide/insecticide dosage.

### SOLUTION FOR

- Spider mites
- Aphids

### COMPOSITION

Natural polymers

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops



### Benefits

- Boosted efficacy of acaricides and insecticides
- Reduced active ingredient dosage
- Decreased pest resistance development
- High compatibility with numerous acaricides and insecticides

### RECOMMENDED DOSAGE

0.3–0.35%

### PACKAGING

5 L, 1 L

Custom options available on request

# Sil-Oil

## Super-spreader for agrochemicals

An innovative adjuvant designed to boost the performance of plant protection products, fertilisers, and plant growth stimulants.

It is a unique combination of a non-ionic surfactant, a specially selected plant oil, and performance-enhancing ingredients.

Sil-Oil provides outstanding wetting, spreading, and adherence on various treated surfaces, including leaves, pests, and fungi.

By significantly reducing surface tension, Sil-Oil enables spray droplets to spread rapidly and evenly across the target, ensuring uniform coverage even on difficult-to-wet surfaces. Better contact with pests and fungi results in more effective action of the active substances of pesticides. Moreover, the product helps reduce the risk of pest resistance development.



### Benefits

- Improved spreading and adherence
- Boosted efficacy of plant protection products, fertilisers, and plant growth stimulants
- Increased pest exposure to crop protection products
- Reduced active ingredient dosage
- Decreased pest resistance development

### SOLUTION FOR

- Pesticides effectiveness
- Fertilisers effectiveness
- Plant growth stimulants effectiveness

### COMPOSITION

- Non-ionic silicone surfactant
- Plant oil
- Co-formulants (efficacy boosters)

### CROPS

- Fruit trees
- Berries
- Vegetables
- Ornamentals
- Arable crops

### RECOMMENDED DOSAGE

0.05–0.1%

### PACKAGING

5 L, 1 L

Custom options available on request



# SPECIAL PURPOSE PRODUCTS

# Tailored solutions for agriculture and beekeeping

## Biopolin

Honey bee attractant  
for better pollination

47

---

## Apimil

Honey bee calming agent  
for easy beekeeping

48

---

## Drosinal

Monitoring of Spotted Wing  
Drosophila

49

---

## Biothinner

Post-bloom thinning agent  
for apples and pears

50

---

# Biopolin

## Honey bee attractant for better pollination

An innovative attractant with prolonged activity for honey bees and other crop pollinators such as bumblebees, red mason bees, etc. The product effectively attracts crop pollinators and activates their work on flowers, thus optimising the pollination process. Biopolin prevents honey bees from foraging outside of target crops. The product effectively keeps bumblebees in greenhouses and tunnels. Better pollination of crops results in yield improvement, even up to 40%, and better harvest quality, e.g. larger fruit, proper fruit shape, and better fruit storage ability.



Formulated with the Slow Release™ Technology  
(see page 6)



### Benefits

- Improved pollinator presence and their activity on flowers
- Increased number of correctly pollinated flowers
- Enhanced yield quality and quantity
- Improved fruit storage ability

### SOLUTION FOR

- Insect pollination
- Crop quality
- Fruit storage ability

### COMPOSITION

A mixture of several naturally occurring substances (essential oils and polysaccharides)

### CROPS

- Fruit trees
- Berries
- Vegetables
- Arable crops
- Seed plantations

### RECOMMENDED DOSAGE

0.75–2 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request



# Apimil

## Honey bee calming agent for easy beekeeping

A product intended to be used during beekeeping activities. When applied directly to a hive, the product immediately calms bees and reduces their natural instincts of defence and stinging, increasing the comfort of working a hive. It may be used instead of smoke. Apimil improves the success of difficult beekeeping operations. Regular use of the product naturally supports the conventional methods of reducing varroosis.

### SOLUTION FOR

- Aggressive bee behaviour
- Introducing honey bee queens
- Colony combining

### COMPOSITION

A mixture of essential oils and saccharides

### USE

- Apiary



### Benefits

- Reduced stinging tendencies of honey bees
- Improved success of introducing honey bee queens
- Increased efficiency of colony combining
- Natural support against varroosis
- Safe for bees

### RECOMMENDED DOSAGE

10%

### PACKAGING

250 mL

Custom options available on request

# Drosinal

## Monitoring of Spotted Wing Drosophila

A product designed to monitor the presence of the Spotted Wing Drosophila (SWD) at plantations of soft fruits. It is a kit consisting of a trap and a liquid attractant. The shape and colours of the trap enhance its effectiveness in attracting *Drosophila suzukii*. The mesh in entry holes ensures partial selectivity of the trap. The luring liquid is a combination of various food ingredients that are very attractive to SWD. The liquid has very low surface tension – once insects touch the liquid they drown immediately, unable to fly away.

### SOLUTION FOR

- Spotted Wing Drosophila (*Drosophila suzukii*)

### COMPOSITION

Various food ingredients

### CROPS

- Fruit trees
- Berries



### Benefits

- Effective SWD monitoring
- Partial selectivity – does not catch large insects
- Sturdy trap construction for long term use
- No pesticides and pheromones content

### RECOMMENDED QUANTITY

At least 2–3 traps/ha

### PACKAGING

5 L, 1 L

Trap sold separately

Custom options available on request

# Biothinner

## Post-bloom thinning agent for apples and pears

A novel product for post-bloom thinning in apples and pears, containing a unique combination of two active ingredients (6-BA and NAA) and efficacy boosters. It provides selective thinning, leaving mainly central fruit. Biothinner is applied after blooming when central fruit is 10–12 mm in diameter. The key benefit provided by Biothinner is a substantial increase in fruit size and weight. The increase is caused indirectly by the thinning effect and also directly by cell division stimulation by 6-BA.

### SOLUTION FOR

- Post-bloom thinning in apples and pears

### COMPOSITION

- 6-benzyladenine – 50 g/L
- 1-naphthaleneacetic acid – 10 g/L
- Efficacy boosters

### CROPS

- Apple trees
- Pear trees



### Benefits

- Effective post-bloom thinning in apples and pears
- Low risk of over-thinning
- Better fruit size and weight
- Enhanced fruit quality, especially colouration
- Prevention of alternate bearing

*The product is intended for markets outside the European Union.*

### RECOMMENDED DOSAGE

0.8–1.2 L/ha

### PACKAGING

5 L, 1 L

Custom options available on request

# Targets

## PEST CONTROL

Sucking pests	Siltac, Siltac STRONG, Pyretil
Slug and snails	Last Bite
Monitoring of Spotted Wing Drosophila	Drosinal

## GREATER PLANT RESISTANCE TO STRESS

Plant strengthening	Miligard, Megis, Sulprone, Phenoliq, Siltan, TriaZinc, TriaBor, Ionic Zn, Protephos
Temperature stress	Triavit, Megis, Phenoliq, TriaBor, TriaFrost, TriaZinc, Ionic Zn
Spring frost	TriaFrost
Water deficiency	Megis, Triavit, Phenoliq, TriaBor, TriaZinc, Ionic Zn
Plant regeneration	Phenoliq
Sunburns	Megis, Calprone
Light deficiency	Triavit, Alatis, TriaBor, TriaFer, TriaZinc, Megis

## BETTER CROP POLLINATION

Insect pollination	Biopolin
--------------------	----------

## BETTER FRUIT QUALITY & QUANTITY

Flowering & fruit setting	Starset, TriaBor, Triavit
Fruit dropping	Triavit, Starset
Fruit firmness & cracking	Megis, Calprone, Ionic Ca, Siltan, Triavit
Greater yield	Miligard, Megis, Calprone, Ionic Ca, Siltan, Triavit, Phenoliq, Alatis, Starset, Sulprone, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Ionic Zn, Biopolin, Protephos
Fruit colouration	Alatis, Miligard, Megis
Apple and pear thinning	Biothinner

## FOLIAR FERTILISATION

Calcium deficiency	Calprone, Ionic Ca
Boron deficiency	TriaBor
Iron deficiency	TriaFer, Ferrosil
Zinc deficiency	TriaZinc, Ionic Zn
Copper deficiency	SiliCu
Sulphur deficiency	Sulprone
Nitrogen utilisation	Sulprone
Nitrogen and phosphorus deficiency	Protephos
Potassium and phosphorus deficiency	Miligard

## ADJUVANTS

Herbicide effectiveness	Adiumix GLYPHO, Adiumix FLUMIO, Adiumix SU, Adiumix IMA
Insecticide & acaricide effectiveness	Akaboo, Starhit, Sil-Oil
PPP, fertiliser and growth stimulant effectiveness	Sil-Oil

## APIARY

Easy beekeeping	Apimil
-----------------	--------

# Crops

## STONE AND POME FRUITS

Pest controllers	Siltac, Siltac STRONG, Pyretil, Last Bite
Plant growth stimulants and foliar fertilisers	Miligard, Megis, Siltan, Triavit, TriaFrost, Alatis, Phenoliq, Starset, Sulprone, Protephos, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Calprone, Ionic Ca, Ionic Zn
Adjuvants	Adiumix GLYPHO, Adiumix FLUMIO, Akaboo, Starhit, Sil-Oil
Special purpose products	Biopolin, Drosinal, Biothinner

## TROPICAL FRUITS

Pest controllers	Siltac, Siltac STRONG, Pyretil, Last Bite
Plant growth stimulants and foliar fertilisers	Miligard, Megis, Siltan, Triavit, TriaFrost, Alatis, Phenoliq, Sulprone, Protephos, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Calprone, Ionic Ca, Ionic Zn
Adjuvants	Adiumix GLYPHO, Adiumix FLUMIO, Akaboo, Starhit, Sil-Oil
Special purpose products	Biopolin, Drosinal

## BERRIES

Pest controllers	Siltac, Siltac STRONG, Pyretil, Last Bite
Plant growth stimulants and foliar fertilisers	Miligard, Megis, Siltan, Triavit, TriaFrost, Alatis, Phenoliq, Starset, Sulprone, Protephos, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Calprone, Ionic Ca, Ionic Zn
Adjuvants	Adiumix GLYPHO, Akaboo, Starhit, Sil-Oil
Special purpose products	Biopolin, Drosinal

## VINEYARD

Pest controllers	Siltac, Siltac STRONG, Pyretil, Last Bite
Plant growth stimulants and foliar fertilisers	Miligard, Megis, Siltan, Triavit, TriaFrost, Alatis, Phenoliq, Sulprone, Protephos, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Calprone, Ionic Ca, Ionic Zn
Adjuvants	Adiumix GLYPHO, Adiumix FLUMIO, Akaboo, Starhit, Sil-Oil
Special purpose products	Drosinal

## VEGETABLES

Pest controllers	Siltac, Siltac STRONG, Pyretil, Last Bite
Plant growth stimulants and foliar fertilisers	Miligard, Megis, Siltan, Triavit, Alatis, Phenoliq, Starset, Sulprone, Protephos, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Ionic Ca, Ionic Zn
Adjuvants	Akaboo, Starhit, Sil-Oil
Special purpose products	Biopolin

## ORNAMENTALS

Pest controllers	Siltac, Siltac STRONG, Pyretil, Last Bite
Plant growth stimulants and foliar fertilisers	Miligard, Megis, Siltan, Triavit, Alatis, Phenoliq, Sulprone, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Ionic Zn, Ionic Ca
Adjuvants	Akaboo, Starhit, Sil-Oil

## ARABLE CROPS

Pest controllers	Siltac, Siltac STRONG, Pyretil, Last Bite
Plant growth stimulants and foliar fertilisers	Miligard, Megis, Siltan, Triavit, Phenoliq, Sulprone, SiliCu, Ferrosil, TriaFer, TriaBor, TriaZinc, Ionic Zn, Ionic Ca
Adjuvants	Adiumix GLYPHO, Adiumix FLUMIO, Adiumix SU, Adiumix IMA, Akaboo, Starhit, Sil-Oil
Special purpose products	Biopolin

## APIARY

Special purpose products	Apimil
--------------------------	--------



Let's talk about how  
**we can grow together**

---

**WOJCIECH WIECZOREK, Ph.D.**

Head of Crop Solutions  
Department



**MAŁGORZATA WAJDA**

Export Manager

[malgorzata.wajda@icbpharma.com](mailto:malgorzata.wajda@icbpharma.com)

+48 665 664 074



**DOROTA COPIAK-GÓRECKA**

Export Manager

[dorota.gorecka@icbpharma.com](mailto:dorota.gorecka@icbpharma.com)

+48 665 664 643



**MAŁGORZATA WIECZOREK**

Sales and Marketing Manager

[malgorzata.wieczorek@icbpharma.com](mailto:malgorzata.wieczorek@icbpharma.com)

+48 665 664 278

**ICBpharma**  Crop Solutions®

ICB Pharma  
10 Lema Street  
43-603 Jaworzno, POLAND  
+48 32 745 47 46  
crop@icbpharma.com



[www.icbpharmacropsolutions.com](http://www.icbpharmacropsolutions.com)