

GARDEN AND LANDSCAPING

2024

witasek – Increase the value!

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Wita®Knabb Mowing Protector

Collar to prevent mechanical damage to the bark for example fruit trees and trees in parks and along streets etc.

The Wita®Knabb mowing protection collar protects the bark surface from mechanical damage, e.g. from string trimmers, lawn mowers or rodents.

The Wita®Knabb mowing protector can be adjusted easily to the diameter of the tree being protected by attaching the two flaps to the ventilation slit flaps. A collar can be used for trees with a diameter of up to approx. 10 cm. For larger trunk diameters, the circumference of the collar can be enlarged and adapted to fit the tree trunk by connecting additional collars.

- perfect protection against mechanical damage
- simple to install thanks to a perfect locking system
- The collar is easy to install, lock in place and then open again.
- Thanks to the ventilation slits there is optimal air circulation – this prevents insect infestations and putrefaction.
- dimensions when open: 34 cm x 20 cm x 0.2 cm
- protection height: 20 cm
- diameter: approx. 10 cm (can be enlarged)
- UV-resistant
- colour: light brown

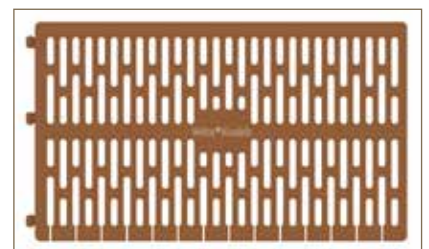
Practical tip:

For larger trees or bushes, two or more collars can be easily connected to one another in order to get a larger diameter.



Wita®Knabb mowing protection collar PRO:

With the Wita®Knabb mowing protection collar PRO, the lower ventilation slits are open. That means the new design also protects the sensitive base of the trunk. The number of locks has also been increased and thus ensured greater security and stability.

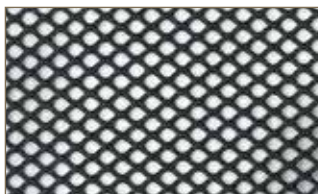


Wita®Knabb mowing protector PRO is open at the bottom to ensure it is perfectly adjusted to the base of the trunk.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
124521	Wita®Knabb Mowing Protector PRO – 20 cm (shipping unit: 5 pcs.)	per piece	
	from 120 pcs. (box)		
	5 to 115 pcs.		

Please see pages 146 to 147 for our spreadable biomechanical trunk protection paint Cortiflex®.

Wita®Knabb-Net

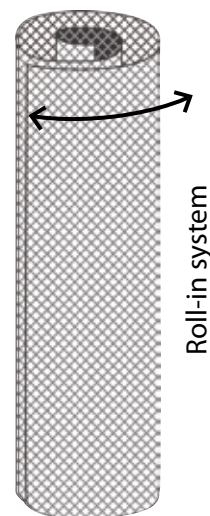


mesh shapes Wita®Knabb



For use as fraying protection roll and trunk protection roll, suitable for trunk diameters up to 11 cm

- Suitable for trunk diameters of up to 11 cm.
In case of larger diameters protection roll is no longer rolled up and, therefore, falls off.
- also suitable for use as browsing protection and fraying protection
- **net-like design provides for excellent ventilation**
- mesh size: approx. 3 x 3 mm
(The shape of the meshes can vary see illustration below left)
- protection height: 55 cm, 80 cm and 110 cm
- durable (UV stable): approx. 5 years
- colour: black



Roll-in system

• Upon request: Available with Anchoring Ties

very quick and easy to fasten, to fix, and to re-open and so easily reusable.

(Upon request: Fraying protection roll comes with Anchoring Ties. Anchoring Tie "Type 16", see page 141)

- Type 55 cm comes with 1 Anchoring Tie "Type 16"
- Types 80 cm and 110 cm come with 2 Anchoring Ties "Type 16"



item no.	item	price (in €)	
		excl. VAT	incl. VAT
241021	Wita®Knabb-Net – height 55 cm, Ø up to 11 cm, black (shipping unit: 120 pcs.)	per piece	
	from 3,840 pcs. (pallet)		
	1,920 to 3,720 pcs.		
	120 to 1,800 pcs.		
241041	Wita®Knabb-Net – height 80 cm, Ø up to 11 cm, black (shipping unit: 120 pcs.)	per piece	
	from 1,920 pcs. (pallet)		
	840 to 1,800 pcs.		
	120 to 720 pcs.		
241051	Wita®Knabb-Net – height 110 cm, Ø up to 6 cm, black (shipping unit: 200 pcs.)	per piece	
	from 2,800 pcs. (pallet)		
	1,400 to 2,600 pcs.		
	200 to 1,200 pcs.		
241211	Wita®Knabb-Net – height 110 cm, Ø up to 11 cm, black (shipping unit: 120 pcs.)	per piece	
	from 1,920 pcs. (pallet)		
	960 to 1,800 pcs.		
	120 to 840 pcs.		

Please see pages 146 to 147 for our spreadable biomechanical trunk protection paint Cortiflex®.

Cable Tie QuickFix



To attach tree shelters, tree protector tubes, fences, stakes or rods

- can be fixed in any length up to the cable tie length of approx. 30 cm
- re-openable and reusable
- fixes the vine shelters or vine protector tubes optimally on stake or rod
- UV stable



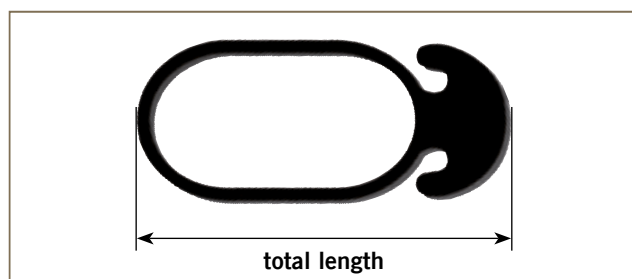
item no.	item	price (in €)	
		excl. VAT	incl. VAT
160721	Cable Tie QuickFix – 30 cm long, 4.8 mm wide (shipping unit: pack of 100 pcs.)	per pack	
	from 50 packs		
	1 to 49 packs		

Anchoring Tie



The durable vine tie that does not adversely affect the healthy growth of plants

- improved design – strengthened anchor, easier to fasten
- very quick and easy to fasten, to fix, and to re-open, thus easily reusable
- very elastic (approx. 10–50 %)
- Anchoring Tie features a broad rubber band that prevents growing in
- does not adversely affect plant growth
- very low priced
- Anchoring Ties can be linked chain-like, suitable for uses that require longer ties
- also suitable for tying work in **orchards and vegetable gardens**
- **UV stable** – long durable
- colour: black



A versatile and economic choice!

item no.	item	price (in €)	
		excl. VAT	incl. VAT
	Anchoring Tie (shipping unit: 1 kg pack)	per kg	
741111	Type 5 – total length ca. 5 cm, 1 kg pack , per kg ca. 700 pcs.		
741211	Type 8 – total length ca. 8 cm, 1 kg pack , per kg ca. 500 pcs.		
741311	Type 12 – total length ca. 12 cm, 1 kg pack , per kg ca. 300 pcs.		
741411	Type 16 – total length ca. 16 cm, 1 kg pack , per kg ca. 250 pcs.		
741531	Type 26 – total length ca. 26 cm, 1 kg pack , per kg ca. 100 pcs.		

TRUNK PROTECTION PAINT – Interesting facts



Unprotected tree in an alley with cracks in its bark



Protected trees in an alley without bark cracks

Newly planted, not sun-hardened trees from tree nurseries or even older trees that grew in shady locations and suddenly become subjected to intense sunlight, e.g. when neighbouring vegetation is removed (alleys, individual plantings), are susceptible to sunscald. Sunscald may result in the sloughing off of bark and in secondary effects such as various fungal infections.

In winter, steep temperature fluctuations between day and night create tensions in the tree's tissue, these can cause frost cracks in the bark. Bark cracking may also split the sapwood. Tree trunk paints are a great means to protect all deciduous woods and fruit trees from these sun cracks and frost cracks.

"Bark cracking was observed in 48% of the fruit trees that were not treated with paint. In the case of treated trees, bark cracking was noted in only 4% of the plants and only where paint flaked off."

Dr. Hinrichs-Berger in "fruit growing", issue no. 8/2005

see pages
143-144 for
mechanical
trunk protection



PreFlex Undercoat



Undercoat for the Biomechanical Trunk Protection Paint CORTIFLEX®

If the tree bark is very absorbent and porous, prepare it with PreFlex® Undercoat before applying CORTIFLEX®.

If no undercoat is used, bark would absorb binding agents from the CORTIFLEX® Trunk Protection Paint. Besides, the undercoat binds remainders of loose bark flakes and facilitates the application of CORTIFLEX® Trunk Protection Paint considerably. **If no undercoat is used, the durability of CORTIFLEX® is much lower.**

- PreFlex Undercoat quantities needed:
- up to approx. 20 % of CORTIFLEX® Trunk Protection Paint quantities
- shake well before use
- colour: yellow



item no.	item	price (in €)	
		excl. VAT	incl. VAT.
590141	PreFlex Undercoat – 5 l (shipping unit: 5 l canister)	per litre	
	from 25 l		
	5 to 20 l		
590121	PreFlex Undercoat – 1 l (shipping unit: 1 l canister)	per litre	
	from 20 l		
	1 to 19 l		

CORTIFLEX® EXTRA Trunk Protection spreadable



Practical tip: To improve spreading properties, Cortiflex® can be diluted with up to 5% of water. This makes the tree trunk paint even more economical.

CORTIFLEX® LIQUID Trunk Protection sprayable



Application tip: with Battery powered backpack sprayer (S. 149)

The best biomechanical tree trunk paint (white paint) – Protect deciduous woods, fruit trees and garden groves from frost cracks, bark cracks and sun cracks – spreadable or sprayable

When young plants from tree nurseries are planted in new locations (in alleys or individually) they are suddenly exposed to intense sun and temperature changes. This makes the bark prone to frost cracks and sun cracks. CORTIFLEX® provides excellent protection for all deciduous woods and, in particular for fruit trees.

- protects for up to 5 years – remains effective longer than conventional trunk protection paints (e.g. lime paints)
- excellent, inexpensive protection for new plantings
- mechanical effect mechanism, provides temperature regulation
- Not harmful to plants! – not toxic
- application period: all year round, application recommended when temperatures are + 8°C
- store and spread frost-free
- top protection for fruit trees (e.g. apricot, apple, beech, maple, cherry and many other), alley trees and garden trees
- better and more beautiful whitening effect through the addition of special white pigments, ensures optimum reflection of sunlight
- made in Austria



Application of spreadable CORTIFLEX® EXTRA: Mechanical pre-treatment of the tree bark with the supplied scouring pad. Afterwards apply the PreFlex undercoat liberally to species of tree with coarse bark and allow to dry (firm to the touch). No undercoat needs to be used for species of tree with smooth bark. Cover the trunk with an undiluted main coat of CORTIFLEX®. Only apply if the temperature is above 8°C and if it is not raining or about to rain. Setting time is 0.5 to 2 hours – after that it is extremely long-lasting!

Application of sprayable CORTIFLEX® LIQUID: Before beginning the spraying process, loose pieces of bark and contaminants should be removed from the trunk with a piece of scouring pad or a wire brush, depending on the texture. Before application shake CORTIFLEX® well and cover the entire trunk. Practical tip: this coat can also be evenly applied with a paintbrush.

Consumption of CORTIFLEX® for a coating height of 2 m

Trunk-Ø in cm	Trunk area m² (up to 2 m high)	g/Trunk	Trunk-Ø in cm	Trunk area m² (up to 2 m high)	g/Trunk
4 cm	0.25 m²	250 g	12 cm	0.75 m²	750 g
6 cm	0.38 m²	380 g	14 cm	0.88 m²	880 g
8 cm	0.50 m²	500 g	16 cm	1.00 m²	1,000 g
10 cm	0.63 m²	630 g	18 cm	1.13 m²	1,130 g

If height coated is greater (base of crown) and bark structure is coarse, quantities needed can be considerably higher!

item no.	item	price (in €)	
		excl. VAT	incl. VAT
590931	CORTIFLEX® EXTRA Trunk Protection spreadable – 5 kg incl. scouring pad (shipping unit: 5 kg pack, 550 kg pallet)	per kg	
	from 100 kg		
	5 to 95 kg		
590941	CORTIFLEX® EXTRA Trunk Protection spreadable – 1 kg incl. scouring pad (shipping unit: 1 kg pack, 240 kg pallet)	per kg	
	from 20 kg		
	1 to 19 kg		
591031	CORTIFLEX® scouring pad – 115 mm x 115 mm	per piece	
	1 pce.		
590971	CORTIFLEX® LIQUID Trunk Protection sprayable – 5 kg (shipping unit: 5 kg pack, 550 kg pallet)	per kg	
	from 100 kg		
	5 to 95 kg		
590981	CORTIFLEX® LIQUID Trunk Protection sprayable – 1 kg (shipping unit: 1 kg pack, 240 kg pallet)	per kg	
	from 20 kg		
	1 to 19 kg		

Tree Band Econom



Ideal for tying work – tree strap Econom unperforated

**BEST PRICE
PRODUCT**

- Easy to use and with extra reinforcement
- Tree Band Econom - roll zu 25 lfm
- Shipping unit: 1 roll to 25 lfm in width 2.5 cm or 3.5 cm
- incl. 25 spacers in the sizes 2.5 cm or 3.5 cm are included
- Spacers are also available as spare parts
- Length: 25 lfm
- Widths: 2.5 cm or 3.5 cm
- Colour: olive green

item no.	item	price (in €)	
		excl. VAT	incl. VAT.
160891	Tree Band Econom – Roll of 2.5 cm x 25 linear meters	per roll	
	from 5 rolls (carton)		
	1–4 rolls		
160892	Tree Band Econom – Roll of 3.5 cm x 25 linear meters	per roll	
	from 5 rolls (carton)		
	1–4 rolls		
160901	Spacers for 2.5 cm Tree Band (shipping unit: Pack of 100 pcs.)	pro pack	
	ab 5 Pkg.		
	1–4 Pkg.		
160902	Spacers for 3.5 cm Tree Band (shipping unit: pack of 100 pcs.)	pro pack	
	ab 5 Pkg.		
	1–4 Pkg.		

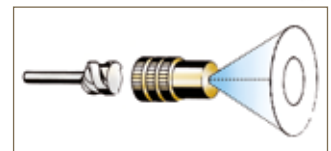
Compression Sprayer Mesto PICO 3232



Compression sprayer for the application of pesticides, 5 l fill volume

**SERVICE
PRODUCT**

- operating pressure: 3 bar
- precision piston-type pressure gauge with safety valve
- spray wand: brass 40 cm, 360° rotatable
- hollow cone nozzle, 1.1 mm nozzle orifice, brass
- tank made of top quality plastic
- empty weight: 1.3 kg
- holder for spray and extension wand
- built-in filling funnel
- can be carried on the side
- discharge valve with filter
- hose: 1.3 m
- fill volume: 5 l



Spray pattern hollow cone nozzle



Spray pattern full cone nozzle



Hollow Cone Nozzle 1.1



Full Cone Nozzle TG 0.5 / TG 3

item no.	item	price (in €)	
		excl. VAT	incl. VAT
290641	Compression Sprayer Mesto PICO 3235 – fill volume: 5 l	per piece	
	1 pc.		
297661	Hollow Cone Nozzle 1.1	per piece	
	1 pc.		
297611	Full Cone Nozzle TG 0.5 – 0.5 mm nozzle orifice	per piece	
	1 pc.		
297631	Full Cone Nozzle TG 3 – 3 mm nozzle orifice	per piece	
	1 pc.		

Battery-powered backpack sprayer 10 l / LI-ION



Battery-powered backpack sprayer for spreading pesticides, 10 litre capacity

The battery-powered backpack sprayer is setting new standards. With a minimum weight of 2,780 grams, it weighs just as much as a manual backpack sprayer! The lithium-ion battery is easy to remove and insert. The ergonomic shape of the tank means it can be worn in a way that is comfortable for your back.

Scope of delivery: the backpack sprayer is fully-equipped with a battery, charger, fibreglass spray lance, aluminium spray lance, set of nozzles and a filter.

- Battery: 12 V – 2.5 Ah
- Battery runtime: 3.5 hours
- Spray pressure: consistently 2.5 bar
- Spray length: 78 cm



item no.	item	price (in €)	
		excl. VAT	incl. VAT
290671	Battery-Powered Backpack Sprayer – 10 litre capacity	per piece	
	1 pc.		
290691	Spray Screen for Battery-Powered Backpack Sprayer	per piece	
	1 pc.		
290681	Battery LI-ION for Battery-Powered Backpack Sprayer	per piece	
	1 pc.		
290731	Charger LI-ION for Battery-Powered Backpack Sprayer	per piece	
	1 pc.		



Certosan®



Biological repellent
for year-round use against
browsing or gnawing damage by:



rabbit/hare



roe deer



red deer



Biological, sprayable repellent to prevent game browsing and gnawing damage on coniferous and deciduous woods in forestry, orchards, on public lands and on ornamental plants

- to prevent browsing damage in summer and in winter
- active substance: protein and salts, repels by odour (biological repellent)
- formulation: water dispersible powder
- very well tolerated by plants
- colour: red brown



Application, period effective, application rate:

- protects from summer (effective 6 to 8 weeks) and winter (effective 4 to 6 months) browsing damage in forestry, on ornamental plants, in orchards and on public lands
- against year-round gnawing and browsing damage on orchards and on public lands by rabbit and hare
- apply to dry plant, **do not use under frost conditions**

Quantity needed:

Mix Certosan® at a ratio of 1:10 with water (1 kg Certosan® and 10 litres of water)

- **painting/sprinkling method:** 5 l of wash for 1,000 plants (500 g of Certosan®)
- **dipping method:** 15 l of wash for 1,000 plants (1.5 kg of Certosan®)
- **spraying method:** 200 l or 400 l of wash per hectare (20 kg of Certosan®)

item no.	item	price (in €)	
		excl. VAT	incl. VAT
210611	Certosan® (shipping unit: 1 kg pack)	per kg	
	from 10 kg		
	1 to 9 kg		

Certosan®, Pfl. Reg. Nr.: 3011/0

• Properties and effect mechanism:

Certosan® repels game by odour. It consists of biological components. The Certosan® odour does not only protect the parts of the plant the repellent is applied on but also the newly grown shoots for a period of approx. 6 to 8 weeks in summer and approx. 4 to 6 months in winter.

• Mixing:

Certosan® can be mixed with insecticides. Do not prepare more Certosan® wash than you intend to apply within 24 to 48 hours since then, depending on the outside temperature (in particular from 18°C and above), the actually odourless Certosan® wash turns into a smelling broth. This does not affect the excellent repelling effect of Certosan®.

• Application methods:

Sprinkling, spraying, painting and dipping or apply the powder through **strewing or dusting** on plants that are wet or moistened by fog.

• Effective:

Red coating on protected plants slowly loses its colour, but keeps effective.

• Weather conditions:

Certosan® dries fast. Therefore, subsequent rain does not wash permanent coating off.

Use pesticides carefully. Before use read the label and product information. This description is designed to give you an overview on various products. Always read the label and product information before using any product. Please comply with the instructions they contain.

Witalgin



Ensures that plant takes root – prevents drying damage

Protection from root drying for forest woods and nursery trees, improvement of water supply

- produced from sea algae
- can absorb water to a multiple of its own weight (= water reservoir for plant)
- environmentally neutral
- **Prevent transplant shock and increase drought resistance of plants:**
Dip roots into Witalgin wash before planting.
concentration of wash: 0.5 to 1.5 %
forest plants: 0.8 % (only 800 grams of Witalgin per 100 litres of water)
large plants: 1 to 1.5 %
planting hole suitable for pot plants and bare-root plants: put ca. 1/2 to 1 teaspoon into planting hole, then plant the plant
Witalgin acts as water reservoir for plants.
- **Improve water supply and soil** (e.g. when preparing seedbeds): This optimises germination, water supply and nutrition.
Application: Depending on soil type and seedlings: 10 to 20 g/m². To ensure a uniformly even application, you can mix Witalgin with sand before use.
- **Planting vegetation on scarps, also by machine:** Spraying method guarantees very good seedling growth. This ensures rapid greening up of the respective area.
Application: Add 2 to 6 g of Witalgin per 1.5 l of water. This ensures an increase in seedling growth by up to 60 %.

Practical tip: example for bare-root forest plants

800 g of Witalgin are stirred into 100 l of water. The wash will treat between 500 and 2,000 bare-root plants.

This small effort will promote the plants taking root considerably!



- **Mixing:** Quantities up to 100 litres of the solution can be mixed by hand. We recommend using a mechanical stirring device for quantities exceeding 100 litres.
- **Mixing by hand:**
Fill water quantity needed in container made of plastic. Swirl water, add Witalgin powder slowly and consistently to the swirled water while stirring well and continue to stir for several minutes. Let mixture rest for two hours. This allows clots that may have formed to dissolve. Then stir well again.
- **Mechanical mixing:**
When using an electrically driven stirring device with an impeller, the Witalgin solution is ready-to-use immediately. Please use stirring devices according to the respective user instructions.

Note: Do not use galvanised buckets or other such vessels to stir or store the solution. Use Witalgin solution within three days from preparation. The use of synthetic wetting and dispersion agents is not recommended.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
180431	Witalgin – 1 kg pack (shipping unit: 1 kg bag)	per kg	
	1 kg		
180411	Witalgin – 25 kg pack (shipping unit: 25 kg bag)	per kg	
	25 kg		

FREIWUCHS® TREE PROTECTOR TUBES – FOR CONIFER WOODS

Freiwuchs® 300



Tailor-made for larch – growing space promotes healthy plant growth!

- growing space diameter: approx. 20 cm
- very stable
- browsing protection and fraying protection
- also suitable for deciduous woods
- Possible to attach to an acacia stake (page 153) or fibreglass rods (page 34-35) using cable ties (page 141).
- mesh size: approx. 1 x 1 cm
- durable (UV stable): approx. 6 to 8 years
- The mesh structure can be square, rectangular or diamond-shaped.
- colour: green



Freiwuchs® 300
tube roll of 25 linear metres
Individually packed in a carton!

item no.	item	price (in €)	
		excl. VAT	incl. VAT
121272	Freiwuchs® 300 – tube roll of 25 linear metres Ø ca. 20 cm	per roll	
	ab 54 rolls (pallet)		
	27–53 rolls		
	1–26 rolls		
	Freiwuchs® 300 – 120 cm and tube roll of 100 linear metres		
	The ready-cut pieces and tube roll of 100 linear metres (see p. 16)		

Freiwuchs® 500



Tailor-made for fir, larch, douglas fir, shrubs and deciduous woods – very stable

- growing space diameter: approx. 29 to 30 cm
- mesh size: approx. 1.5 x 1.8 cm
- browsing protection and fraying protection
- For better attachment, we recommend using cable ties (page 141 and two acacia stakes (page 153) or fibreglass rods (page 34-35).
- **durable** (UV stable): approx. **6 to 8 years**
- The mesh structure can be square, rectangular or diamond-shaped.
- colour: green



Freiwuchs® 500
tube roll of 25 linear metres
Individually packed in a carton!

item no.	item	price (in €)	
		excl. VAT	incl. VAT
121492	Freiwuchs® 500 – tube roll of 25 linear metres Ø ca. 29–30 cm	per roll	
	ab 36 rolls (pallet)		
	18–35 rolls		
	1–17 rolls		
	Freiwuchs® 500 – 120 cm and tube roll of 100 linear metres		
	The ready-cut pieces and tube roll of 100 linear metres (see p. 18)		



BioWit® Freiwuchs® 300



The environmentally-friendly tree protection with room for healthy growth! The 100% biological alternative – coniferous woods

- growing space diameter: approx. 20 cm
- highly stable
- 100 % compostable
- browsing protection and fraying protection
- ideally suited for coniferous and deciduous trees
- excellent light allowance thanks to the open net structure
- side shoots can grow through unimpeded
- Possible to attach to an acacia stake (page 153) or fibreglass rods (page 34-35) using cable ties (page 141).
- colour: brown



BioWit®
Freiwuchs® 300
tube roll of 25 linear metres
Individually packed in a carton!

item no.	item	price (in €)	
		excl. VAT	incl. VAT
120582	BioWit® Freiwuchs® 300 – tube roll of 25 linear metres Ø ca. 20 cm ab 54 rolls (pallet) 27–53 rolls 1–26 rolls	per roll	
	BioWit® Freiwuchs® 300 – 120 cm and tube roll of 100 linear metres The ready-cut pieces and tube roll of 100 linear metres (see p. 17)		

Wita®Pro Tree Protection



Stable and durable tree protection made of wood

- **Environmentally friendly:** wood and ungalvanised wiring decomposes
- **Protects young and old trees from damage caused by game and livestock**
- **Also perfect as a mower guard in the garden**
- Optimal sun protection
- **Increased stability**
- Available as: ready-to-use pre-cut pieces in a **protection height of 1.20 m or as rolls of 10 lfm (linear metres)** – here you cut the pieces yourself and decide your own desired diameter.
- **3.5 cm slat width**
- **2 cm gap between the slats**
- Fastening with sack ties and drilling accessory (hand-operated)
- Growth space diameter: approx. 13 – 14 cm (with 47.5 cm width)
- Colour: wood/natural

**BEST PRICE
PRODUCT**

item no.	item	price (in €)	
		excl. VAT	incl. VAT
124102	Wita®Pro Tree Protection 14 – 120 cm , growing space approx. 13–14 cm (shipping unit: 25 pcs.) ab 400 pcs. 200–375 pcs. 25–175 pcs.	per piece	
124101	Wita®Pro Tree Protection 120 cm – roll of 10 linear metres (shipping unit: 1 roll) from 20 rolls 10–19 rolls 1–9 rolls	per roll	

BioWit® Products – Please note: For larger order quantities, there may be longer delivery times due to the high demand and depending on the availability of the raw materials. Please make pre-orders as early as possible.

KLIMAWIT® TREE PROTECTOR TUBES – FOR DECIDUOUS WOODS

**Klimawit®
Light 220**

The inexpensive alternative for the protection of your deciduous trees - e.g. Maple, oak, cherry and many more!

**BEST PRICE
PRODUCT**



- inexpensive protector tube (material: PE) with very fine meshes
- growing space diameter: approx. 11 to 12 cm
- mesh size: approx. 2 to 3 mm x 2 to 3 mm
- protection against damage caused by game – browsing protection and fraying protection
- **no growing-out of shoots through meshes**, better height growth
- fine meshes **keep weeds (e. g. blackberry) out of growing space**
- available as:
 - ready-to-use, pre-cut pieces (1.20 m long)
 - tube rolls of 100 linear metres which allow you to determine the desired length of the protector tube individually (see p. 14)
- Attachment to the acacia stake (p. 153) or fibreglass rod (p. 34-35) with cable ties (p. 141)
- durable (UV stable): approx. 3 to 5 years
- colour: green

– VIDEO –

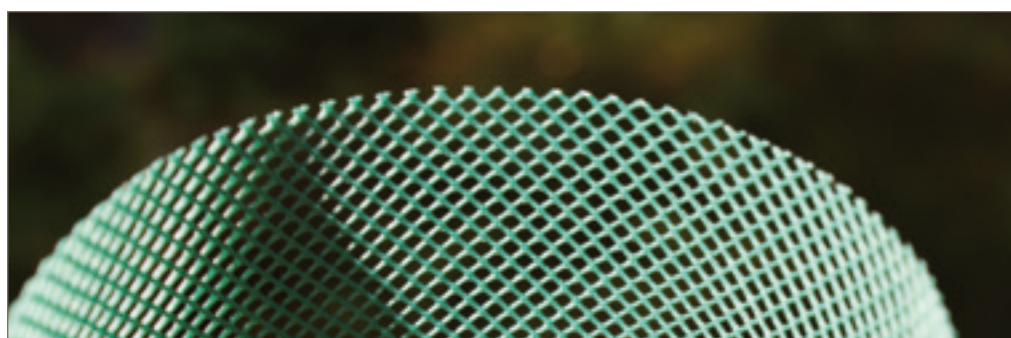


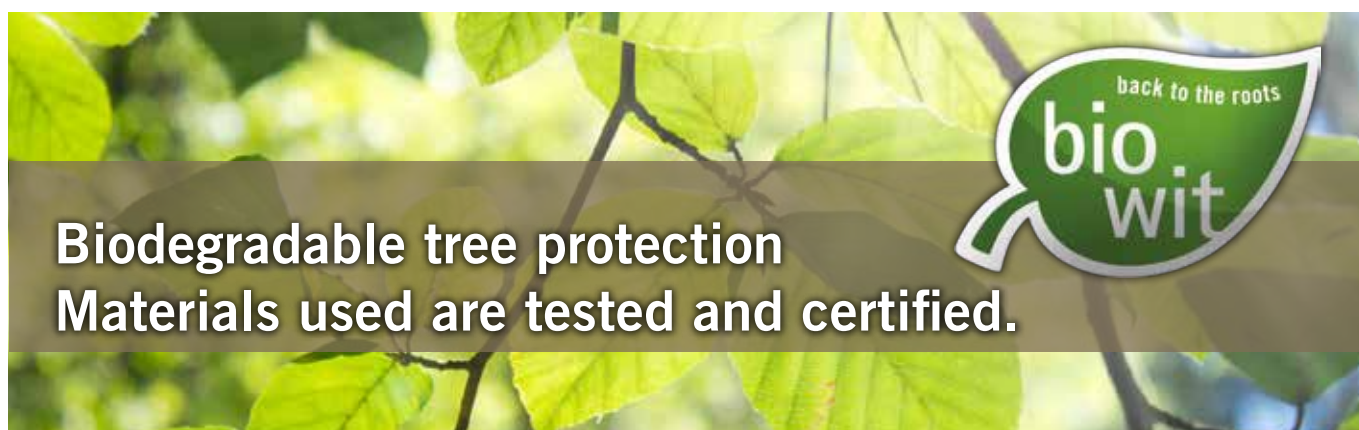
Klimawit® Light 220
tube roll of 25 linear metres
Individually packed in a carton!



Simply unfold – done!

item no.	item	price (in €)	
		excl. VAT	incl. VAT
120722	Klimawit® Light 220 – tube roll of 25 linear metres Ø ca. 12 cm	per roll	
	ab 108 rolls (palett)		
	54–107 rolls		
	1–53 rolls		
	Klimawit® Light 220 – 120 cm and tube roll of 100 linear metres		
	The ready-cut pieces and tube roll of 100 linear metres (see p. 22)		





WE ARE PIONEERS! All BioWit® products are made from compostable, certified materials!

BioWit® Klimawit® Light

The low-priced biological alternative

**BEST PRICE
PRODUCT**



Klimawit® Light 220
tube roll of 25 linear metres
individually packed

- 100% biodegradable
- Protective tube with a very fine mesh made from biodegradable material
- The close-meshed protective hose prevents weeds (e.g. blackberries) from growing in the growth space. This also ensures improved height growth.
- Protection against damage caused by game – browsing protection and fraying protection.
- growing space diameter: approx. 11 to 12 cm
- mesh size: approx. 2 to 3 x 2 to 3 mm
- **no growing-out of side shoots through meshes**
- The mesh of the biomaterial is softer than the plastic version made from PE (polyethylene).
- Attachment to the acacia stake (p. 153) or fibreglass rod (p. 34-35) with cable ties (p. 141)
- UV stable
- colour: brown

– VIDEO –



Raw material meets the harmonised European standards, DIN EN 13432, for compostable materials.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
120592	BioWit® Klimawit® Light 220 – tube roll of 25 linear metres Ø ca. 12 cm	per roll	
	ab 108 rolls (pallet)		
	54–107 rolls		
	1–53 rolls		
	BioWit® Klimawit® Light 220 – 120 cm and tube roll of 100 linear metres		
	The ready-cut pieces and tube roll of 100 linear metres (see p. 23)		

BioWit® Products – Please note: For larger order quantities, there may be longer delivery times due to the high demand and depending on the availability of the raw materials. Please make pre-orders as early as possible.

Wita®Pro Fibreglass Rod

Planting and marking rod made from fibreglass

- Planting rod for attaching plants and protector nets and shelters
- For marking forest plants to make them easier to find for maintenance and to make sure they aren't cut down.
- The three-winged shape provides a particularly good hold in the ground
- smooth surface, low weight and highest stability



further information catalogue page 38-39 or www.witasek.com

Impact sleeve & soft-face hammer



Impact sleeve and soft-face hammer for securing stakes e.g. acacia (*Robinia pseudoacacia*) and many more.

- **Impact sleeve 35 cm** – makes it easier to drive in stakes and rods
 - Rod is guided into place, wood doesn't splinter
 - 35 cm in length, inner Ø 3.9 cm, weight approx. 720 grams
- **Impact sleeve 75 cm** – makes it easier to drive in e.g. fibreglass rods
 - Rod is guided into place, fibreglass doesn't splinter
 - 75 cm in length, inner Ø 2 cm, weight approx. 918 grams
- **Soft-face hammer** – for driving in acacia stakes, for example, without recoil
 - Hammer head made from steel, stainless, recoil-free thanks to ball filling, with painted hickory handle, 50 mm in diameter
 - for use with the impact sleeve

item no.	item	price (in €)	
		excl. VAT	incl. VAT
190421	Impact sleeve – 35 cm, Ø 3,9 cm inside for e.g. acacia stakes	per piece	
	1 pc.		
190431	Impact sleeve – 75 cm, Ø 2 cm inside for e.g. fibreglass rods	per piece	
	1 pc.		
190441	Soft-face hammer – Ø 50 mm, recoil-free	per piece	
	1 pc.		

Plastic Gloves



Gloves for work associated with the application of browsing protection and in inhospitable weather conditions

SERVICE
PRODUCT

- inside made of cotton for highest wearing comfort
- Rough, non-slip rubber surface for better grip for gardening
-Also suitable for rope work and much more

item no.	item	price (in €)	
		excl. VAT	incl. VAT
297911	Plastic Gloves	per pair	
	ab 10 pairs		
	1-9 pairs		

Carrying Bag for stakes

(e.g. acacia, fiberglass)



Carrying bag for stakes e.g. for Acacia Stakes (*Robinia p.*), or Fibreglass Rods and much more

- **This bag makes transport of your stakes and poles easy and convenient!** Comes handy when you install tree protectors or mark plants in areas where afforestation is done.
- You can also use the bag to carry other products (e.g. fraying protection spirals, etc.).
- comes with strap to carry bag over shoulder so that your hands are free
- Bag can accommodate up to 25 acacia stakes.
- size: 20 x 20 cm, length: 98 cm
- material: tear resistant plastic

Carrying Bag for stakes or fibreglass rods!

item no.	item	price (in €)	
		excl. VAT	incl. VAT
190211	Carrying Bag for stakes – 20 x 20 cm, length 98 cm	pro piece	
	1 pc.	7,48	8,98

Acacia Stakes

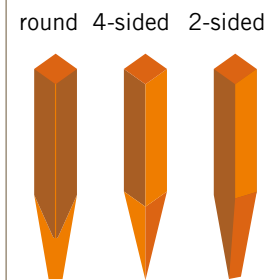


Acacia stakes are used to install and secure shelters and protector tubes.

Especially resistant stake for the installation of tree shelters and much more

**BEST PRICE
PRODUCT**

- **highly durable: 15 years minimum!** – therefore reusable and inexpensive
- **durability achieved without impregnation** – superbly environmentally friendly, inexpensive, **no disposal costs**
- sizes: length 120 cm, 22 mm x 22 mm
Also suitable to mark plants!
length 150 cm, 22 mm x 22 mm
length 150 cm, 25 mm x 25 mm
Also very suitable for electric fences!
length 180 cm, 25 mm x 25 mm
length 200 cm, 25 mm x 25 mm
- for production reasons, the shape of the Acacia Stake tip may vary (see image on the right).



The shape of the Acacia Stake tip may vary.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
150681	Acacia Stake – 120 cm x 22 mm x 22 mm (shipping unit: 25 pcs.)	per piece	
	from 1,000 pcs. (pallet)		
	500 to 975 pcs.		
	100 to 475 pcs.		
150621	Acacia Stake – 150 cm x 22 mm x 22 mm (shipping unit: 25 pcs.)	per piece	
	from 1,000 pcs. (pallet)		
	500 to 975 pcs.		
	100 to 475 pcs.		
150611	Acacia Stake – 150 cm x 25 mm x 25 mm (shipping unit: 25 pcs.)	per piece	
	from 1,000 pcs. (pallet)		
	500 to 975 pcs.		
	100 to 475 pcs.		
150671	Acacia Stake – 180 cm x 25 mm x 25 mm (shipping unit: 25 pcs.)	per piece	
	from 1,000 pcs. (pallet)		
	500 to 975 pcs.		
	100 to 475 pcs.		
150651	Acacia Stake – 200 cm x 25 mm x 25 mm (shipping unit: 25 pcs.)	per piece	
	from 1,000 pcs. (pallet)		
	500 to 975 pcs.		
	100 to 475 pcs.		

WHY ACACIA WOOD? – INTERESTING FACTS



Acacia wood
(*Robinia pseudoacacia*)

Robinia (acacia) is the most weather-resistant type of wood in Europe. No additional waterproofing necessary with Robinia wood.

It is among the heaviest natural woods and regrows quickly. Robinia wood is not susceptible to weather, fungi and insect damage. The quality of the wood is higher than average. But why would you use Robinia (acacia) for fence posts and wooden stakes? You will appreciate the unique qualities of this wood, which allows for a service life of up to 50 years, for external use.

In what form are our wooden stakes available?

The high-quality wooden stakes and pasturing fence posts are suitable for a wide variety of purposes: in addition to pastures, forests, winegrowing facilities and fruit growing facilities, bank reinforcements and, of course, your garden can all benefit from the qualities of Robinia wood. Our stakes have had the bark stripped from them, are supplied pointed and are available in a wide variety of diameters (up to 12 cm) and lengths (up to 250 cm).

“Robinia” wood is more commonly known as “acacia”!



Fence posts and pasture posts (Acacia wood)

Fence posts and pasture posts made from acacia wood (*Robinia pseudoacacia*), naturally-grown available as triangular, semi-circular and circular

**BEST PRICE
PRODUCT**

- **highly durable: 15 years minimum!**
– therefore reusable and inexpensive
- **durability achieved without impregnation** – superbly environmentally friendly, inexpensive, **no disposal costs**
- **Application areas:** Agriculture, forestry, viticulture, fruit growing, gardening, landscaping
- **The acacia stakes are naturally grown and the texture can be very different (possibly curved and different diameters). The tips of the acacia stakes can also vary due to production.**



Please note: A forklift is required when unloading acacia stakes with a length of 250 cma required, as these can only be unloaded from the side of the truck. As the acacia are naturally grown, size differences of 20-25% can occur.

Acacia Post triangular



Fence posts and pasture posts triangular, made from acacia wood (*Robinia pseudoacacia*)

**BEST PRICE
PRODUCT**

- naturally-grown, cut, debarked, pointed
- the acacia stakes are naturally-grown so the condition can vary greatly (they may be bent or have a different diameter)

item no.	item	price (in €)	
		excl. VAT	incl. VAT
150551	Acacia Post triangular, pointed – 170 cm, 32–40 cm²	per piece	
	from 4,000 pcs. (1 truck)		
	from 2,000 pcs. (1/2 truck)		
	from 200 pcs. (pallet)		
	10 to 199 pcs.		
Other heights and diameters on request, from a minimum order of three pallets.			

Acacia Post semi-circular



Fence posts and pasture posts semi-circular, made from acacia wood (*Robinia pseudoacacia*)

**BEST PRICE
PRODUCT**

- naturally-grown, cut, debarked, pointed
- the acacia stakes are naturally-grown so the condition can vary greatly (they may be bent or have a different diameter)

item no.	item	price (in €)	
		excl. VAT	incl. VAT
150772	Acacia Post semi-circular, pointed – 180 cm, Ø 8–10 cm	per piece	
	from 4,600 pcs. (1 truck)		
	from 2,300 pcs. (1/2 truck)		
	from 200 pcs. (pallet)		
	10 to 199 pcs.		
150751	Acacia Post semi-circular, pointed – 200 cm, Ø 8–10 cm	per piece	
	from 4,000 pcs. (1 truck)		
	from 2,000 pcs. (1/2 truck)		
	from 200 pcs. (pallet)		
	10 to 199 pcs.		
150761	Acacia Post semi-circular, pointed – 250 cm, Ø 8–10 cm	per piece	
	from 3,200 pcs. (1 truck)		
	from 1,600 pcs. (1/2 truck)		
	from 200 pcs. (pallet)		
	10 to 199 pcs.		
Other heights and diameters on request, from a minimum order of three pallets.			

Acacia Post circular



Fence posts and pasture posts circular, made from acacia wood (*Robinia pseudoacacia*)

**BEST PRICE
PRODUCT**

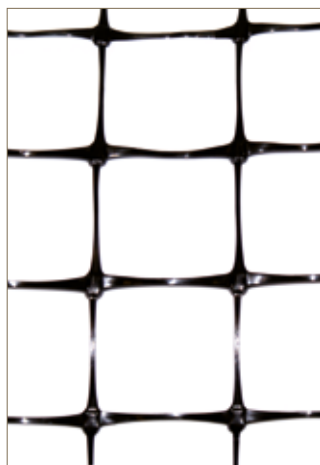
- naturally-grown, cut, debarked, pointed
- the acacia stakes are naturally-grown so the condition can vary greatly (they may be bent or have a different diameter)

item no.	item	price (in €)	
		excl. VAT	incl. VAT
150911	Acacia Post circular, pointed – 200 cm, Ø 8–10 cm	per piece	
	from 2,200 pcs. (1 truck)		
	from 1,100 pcs. (1/2 truck)		
	from 100 pcs. (pallet)		
	10 to 99 pcs.		
Other heights and diameters on request, from a minimum order of three pallets.			

Wita®Pro Game Fence

**The ideal game fence:
highly tear-resistant, durable and robust but much
more lightweight than conventional metal fences!**

**BEST PRICE
PRODUCT**



mesh size: 5 x 5 cm

• Suitable for:



sheep



chicken



goose



Note: Rabbits can
chew through fencing!

- **up to 10 times lighter than conventional metal fences – yet highly tear-resistant, durable and robust!**
 - Wita®Pro Game Fence per 100 linear metres: only approx. 19–26 kg (depending on the height)
 - conventional metal fences per 100 linear metres: 90 to 160 kg (depending on fence type)
- height: 1 m, 1.60 m and 2 m (*4 m upon request*)
- mesh size: approx. 50 x 50 mm
- **quicker to install, easier to work with, more inexpensive** than conventional metal fences
- material: PP, UV stabilised (durable: approx. 10 years)
- material poses lower risks than metal fences for game, humans, tools or vehicles in forestry and viticulture.
- recommended distance between fence posts: 4 metres (reduce distances in areas with a lot of snow)
- also ideally suitable for parks, sports grounds, agriculture, vineyards, orchards, etc.
- use Ring Tool and Rings (see page 40), cable ties (p. 145), or wire to install
- Rabbits can chew through the fencing. Please mind the size of the area fenced.
- colour: black



Also suitable for use in
agriculture

item no.	item	price (in €)	
		excl. VAT	incl. VAT
124420	Wita®Pro Game Fence – 1 m x 100 linear metres (per roll)	per roll	
	from 12 rolls (pallet)		
	1–11 rolls		
124422	Wita®Pro Game Fence – 1,20 m x 100 linear metres (per roll)	per roll	
	ab 12 rolls (pallet)		
	1–11 rolls		
	Wita®Pro Game Fence – 1,60 m & 2 m x 100 linear metres (per roll)		
	See tree protection p. 42		



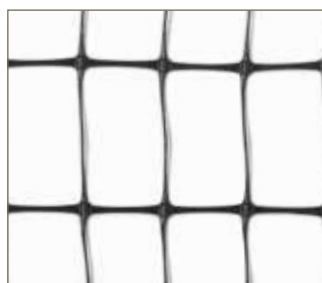
Tip!

**Wita®Pro Rabbit Netting – Ungalvanised wire mesh
ideal in combination with our Wita®Pro Game Fence
– for use when rabbit population is strong(see p. 42)**



Keeps
rabbits out!

Wita®flex Multisquare



mesh size: 2.0 x 3.5 cm

The fine, heavy duty protection netting, fence alternative, protection for plantings, aviary and much more, for multiple uses

- material can be used as an alternative to metal fences for multiple purposes
- suitable for aviary husbandry and open land husbandry of birds – keeps other birds out
- also suitable for use as sport netting or tree protection netting
- for use as strengthening component in various production materials
- for heights up to 4 metres
- **mesh size: approx. 2.0 x 3.5 cm**
- colour: black

item no.	item	price (in €)	
		excl. VAT	incl. VAT
620411	Wita®flex Multisquare – 1 m wide x 100 linear metres (100 m²)	per roll	
	from 20 rolls		
	11 to 19 rolls		
	1 to 10 rolls		
620431	Wita®flex Multisquare – 1.5 m wide x 100 linear metres (150 m²)	per roll	
	from 12 rolls		
	6 to 11 rolls		
	1 to 5 rolls		
620451	Wita®flex Multisquare – 2 m wide x 100 linear metres (200 m²)	per roll	
	from 10 rolls		
	6 to 9 rolls		
	1 to 5 rolls		
Other sizes and qualities available upon request			

Wita®Pro Game Fence RO



Environmentally friendly, stable and durable game fence made of robinia slats.

**BEST PRICE
PRODUCT**

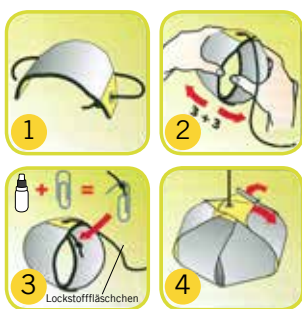
- Split acacia (robinia) slats
- Galvanised wiring ensures lengthy stability
- Roll lengths: 10 m and 5 m (running metres)
- One side is pointed – should point upwards so that birds cannot perch on it
- Amount of wiring:
 - 3 multiplied by the heights of 1.2 m and 1.50 m
 - 2 multiplied by the height of 0.5 m
- Gap between the slats: 3 – 4 cm
- Heights: 0.50 m, 1.20 m and 1.50 m
- **Naturally grown – shape deviation of the slats possible**

item no.	item	price (in €)	
		excl. VAT	incl. VAT
140012	Wita®Pro Game Fence RO – 1,50 m x 5 linear metres (per roll)	per roll	
	from 6 rolls		
	1–5 rolls		
140011	Wita®Pro Game Fence RO – 1,20 m x 10 linear metres (per roll)	per roll	
	from 4 rolls		
	1–3 rolls		
140001	Wita®Pro Game Fence RO – 50 cm x 10 linear metres (per roll)	per roll	
	from 4 rolls		
	1–3 rolls		

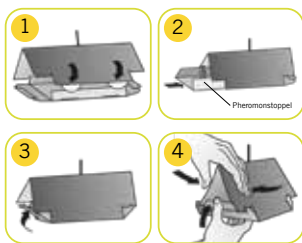
COMPLETE PHEROMONE TRAP SETS – Biological pest control



Setting up the WitaTrap® balloon trap and positioning the pheromone



Setting up the WitaTrap® Delta Super and positioning the pheromone



Pheromone traps are very well suited for reducing harmful butterflies and beetles in your crops. For gardens, fruit trees, wine and households!

Purpose of the pheromone traps:

- Determining the population size (monitoring and surveillance) so that other measures (biological or classic plant protection measures) can be purposefully taken.
- reduction of harmful insects
- The pheromone traps are catch and control systems **without any poison**.

Application:

Assemble the trap and secure with the wire included depending on the application area. *(Precise assembly instructions and the application area can be found with each pheromone trap.)*

In order to prevent luring the pests straight to the crops being protected, the traps should be placed in a different tree located nearby. If this isn't possible, the trap can be secured to a stake driven into the ground. Hang the trap at eye level between the main wind direction and the tree. The trap entrances must not be blocked by leaves or branches.

Each trap should be checked regularly at intervals of 2 to 3 days. You should use a tool (e.g. a twig or a wooden spatula) to clean the sticky bases of stuck insects as required each time a trap is checked so that the entire sticky surface remains available. If the sticky base is severely contaminated, it should be swapped out or made sticky again using Soveurode Special Glue (spray glue). Change pheromone plugs and, if necessary, sticky bases after 4 to 6 weeks. The traps should be hung up before the moths start flying.

Storage: the pheromones should be stored in a cool place (e.g. a freezer) in their original packaging until they need to be used.

You can find more information about our pheromone trap sets at

www.witasek.com



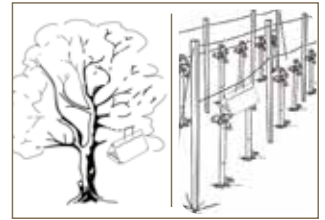
WitaTrap® Delta Super (big) Complete Set

WitaTrap® Delta Super Trap for your garden, orchard or viticulture

**BEST PRICE
PRODUCT**

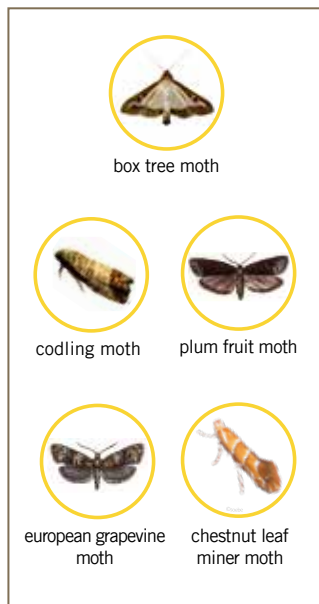


Pheromone trap for controlling and preventing harmful butterflies and beetles getting into your crops.



1 trap set consists of:

1 trap bodie (WitaTrap® Delta Super), 2 sticky bases (packaged separately!), 2 pheromone plugs (packaged separately!), cotter pins for closing the trap and a precise description.



item no.	item	price (in €)	
		excl. VAT	incl. VAT
343421	WitaTrap® Codling Moth complete set (<i>Cydia pomonella</i>)	per piece	
	from 10 pcs.		
	1 to 9 pcs.		
343411	WitaTrap® Pulm Fruit Moth complete set (<i>Grapholita funebrana</i>)	per piece	
	from 10 pcs.		
	1 to 9 pcs.		
362061	WitaTrap® box tree moth complete set (<i>Cydalima perspectalis</i>)	per piece	
	from 10 pcs.		
	1 to 9 pcs.		
330811	WitaTrap® european grapevine moth complete set (<i>Lobesia botrana</i>)	per piece	
	from 10 pcs.		
	1 to 9 pcs.		
360911	WitaTrap® chestnut leaf miner moth complete set (<i>Cameraria ohridella</i>)	per piece	
	from 10 pcs.		
	1 to 9 pcs.		

WitaTrap® complete yellow panel trap set

WitaTrap® yellow panel trap for cherry fruit flies or walnut husk fly for your garden, orchard or field

**BEST PRICE
PRODUCT**

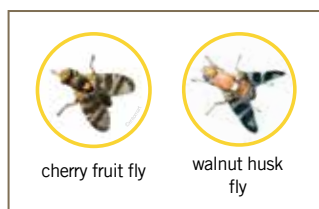


Pheromone trap for controlling and preventing harmful butterflies and beetles getting into your crops.



1 trap set consists of:

2 trap bodies (WitaTrap® balloon trap) pre-coated with glue, 2 pheromones (packaged separately!), hanging cord and a precise description.



item no.	item	price (in €)	
		excl. VAT	incl. VAT
343140	WitaTrap® Cherry Fruit Flies Complete Set (<i>Rhagoletis cerasi</i>)	per piece	
	from 10 pcs.		
	1 to 9 pcs.		
343441	WitaTrap® walnut husk fly complete set (<i>Rhagoletis completa</i>)	per piece	
	from 10 pcs.		
	1 to 9 pcs.		

COLOUR PANELS – Certain colours attract certain pest insects



- The attracting effect of certain colours attract pest insects to the trap panels (both sides of the panels are coloured) – No pheromone required.
- Pest insects stick to the panels that are coated with glue. When panels are fully covered with insects, clean them with a spatula and newly coat them with Soveurode Special Glue (see page 168), or simply replace panels.
- Colour panels are trapping and control systems that **do not require the use of toxic substances**.

White Panel – sticky



Colour panel (glue panel) to catch sawflies and raspberry beetles (abbreviation: KF)

- 6 panels per pack, panel dimensions: 20 cm x 25 cm (4 coated with glue on both sides, 2 coated with glue on one side)
- Attracts members of the sawfly family (apple sawfly, plum sawfly) and raspberry beetles. Feeding damage by sawfly larvae occurs on leaves.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
314711	White Panel – sticky (shipping unit: pack of 6 pcs.)	per pack	
	from 10 packs		
	1 to 9 packs		

Yellow Panel – sticky



Colour panel (glue panel) to catch whiteflies, with additional attracting effect on dark-winged fungus gnats (abbreviation: KF)

- 6 panels per pack, panel dimensions: 20 cm x 25 cm (4 coated with glue on both sides, 2 coated with glue on one side)
- Attracts whiteflies (additional attracting effect on dark-winged fungus gnats, cherry fruit flies, greenflies). Whiteflies are plant lice. They suck sap on the underside of leaves, especially of ornamental plants and vegetable plants, in particular in green-houses, flats and winter gardens.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
314911	Yellow Panel – sticky (shipping unit: pack of 6 pcs.)	per pack	
	from 10 packs		
	1 to 9 packs		

Blue Panel – sticky



Colour panel (glue panel) to catch dark-winged fungus gnats, with additional attracting effect on whiteflies (abbreviation: KF)

- 6 panels per pack, panel dimensions: 20 cm x 25 cm (4 coated with glue on both sides, 2 coated with glue on one side)
- Attracts dark-winged fungus gnats, western flower thrips, stem nematodes, spider mites, red spider mites (additional attracting effect on whiteflies). Larvae of dark-winged fungus gnats injure roots of ornamental plants and agricultural plants.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
314821	Blue Panel – sticky (shipping unit: pack of 6 pcs.)	per pack	
	from 10 packs		
	1 to 9 packs		

WitaTrap® Delta super

Trap especially suited for catching small moths in forestry, vineyards, orchards, gardens and agriculture

**BEST PRICE
PRODUCT**



- **Moths, attracted by a pheromone, stick to glue base and cannot escape.** When glue base is fully covered with insects, clean it with a spatula and newly coat it with Soveurode Special Glue or simply replace the base.
- especially suited for small insects like chestnut leaf miner moth, winter moth, larch casebearer, grapevine moth, cork moth, codling moth, peach twig borer, pea moth, sawfly and many others (for suitable pheromones see pest insect table on page 83 and following).

item no.	item	price (in €)	
		excl. VAT	incl. VAT
311411	WitaTrap® Delta super – incl. 2 glue bases	per piece	
	from 10 pcs.		
	1 to 9 pcs.		
391111	Glue bases for WitaTrap® Delta super – pack incl. 2 pcs.	per pack	
	1 pack		

WitaTrap® Funnel Trap

Mass trap suited for moths and beetles

- Install pheromone underneath trap cover in holding unit. **Insects attracted by the pheromone fall into capture container and cannot fly out** (live trap).
- especially suited for insects like gipsy moth, nun moth, oak processionary moth, goat moth, leopard moth, winter moth, cockchafer, old house borer, and many others (suitable pheromones see pest insect table on page 83 and following).
- colour: green
In addition, a transparent collecting container can be ordered.



item no.	item	price (in €)	
		excl. VAT	incl. VAT
313911	WitaTrap® Funnel Trap with green collecting container	per piece	
	from 30 pcs.		
	1 to 29 pcs.		
313931	Collecting container transparent for WitaTrap® Funnel Trap	per piece	
	from 30 pcs.		
	1 to 29 pcs.		



CHESTNUT LEAF MINER MOTH – Interesting facts

Chestnut Leaf Miner Moth Trap Sheets reduce infestation



New control method against female and male moths

After emerging (flight period begins approx. in mid-April) and depending on the time of the day, chestnut leaf miner moths use to fly up and down the tree trunks, close to the bark. Only after some time, they fly to the crown of the tree and lay their eggs on the top side of the leaves. This is why our new control system, the Chestnut Leaf Miner Moth Trap Sheet, was designed to form a double barrier for flying moths. Tests have clearly shown that the use of our Chestnut Leaf Miner Moth Trap Sheets reduces the number of moths considerably and reduces leaf damage caused by chestnut leaf miner moth infestation. Consequently, less chestnut leaves turn brown in summer.

Flight period: Moth flight begins
(depending on sea level)



WitaTrap® complete chestnut leaf miner set

Complete set of pheromone traps for catching chestnut leaf miner moths (*Cameraria ohridella*)

**BEST PRICE
PRODUCT**



- for controlling the generations from April when the leaves start forming
- set includes:
 - 1 trap body (WitaTrap® Delta super trap)
 - 2 sticky bases for switching (*packaged separately*)
dimensions: 15.5 x 22.8 cm
 - 2 CamerariaWit® pheromone plugs (page 164)
 - 1 suspension wire for installation
 - precise instructions
- installation: attach the complete set in the middle of the crown area
- colour: white



The trap set comes with a detailed application description.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
360911	WitaTrap® Chestnut Leaf Miner Complete Set	per set	
	from 10 sets		
	1 to 9 sets		

Chestnut Leaf Miner Moth Trap Sheet Set

The best way to control chestnut leaf miner moths

(*Cameraria ohridella*)

- for the control of the generation in April

- **set includes:**

- 6 trap sheets (120 cm Length 120 cm each – for tree diameter up to approx. 35 cm*)
- 6 Pheromone CamerariaWit® (page 168)
- 1 can Soveurode Spray Glue (page 168)
- 1 stapler incl. brackets



Chestnut leaf miner moth
(*Cameraria ohridella*)

installation:

- Trap sheets can be stapled together and easily installed with the stapler that comes with the set.
- Install CamerariaWit® pheromone on the side not facing the sun.
- weatherproof, excellent catch results
- the assembly takes place approx. at chest height
- **Tip:** Install two trap sheets per tree keeping some distance between the sheets.

*If the tree diameter is larger than 35 cm, two or more catch strips can be connected together.



Catch strip, glued with Soveurode special glue (page 168): The butterflies of the chestnut leaf miner moth remain sticky, the leaf infestation is reduced.

item no.	item	price (in €)	
		excl. VAT	incl. VAT
315141	Chestnut Leaf Miner Moth Complete Set	per set	
	from 10 sets		
	1 to 9 sets		



CamerariaWit®

Chestnut leaf miner moth
(*Cameraria ohridella*)

Pheromone to attract the chestnut leaf miner moth

(*Cameraria ohridella*)

- **Pheromone primarily attracts the males.** In combination with glue traps (Chestnut Leaf Miner Moth Trap Sheets, Delta Trap, glue panels, glue rings etc.), they are deleted from the population development. As a consequence, egg laying is affected and moth intensity reduced.

- **effective: 6 to 8 weeks**



Application period

item no.	item	price (in €)	
		excl. VAT	incl. VAT
360811	CamerariaWit®	per piece	
	from 50 pcs.		
	1 to 49 pcs.		

Soveurode Special Glue (Spray Glue)**Spray glue to coat colour panels, Chestnut Leaf Miner Moth Trap Sheets, Delta Traps, glue rings, insect nettings and much more**

- to coat various trapping systems with glue (e.g. glue panels or Delta Traps), nettings, tree bark (glue rings to catch, e.g., chestnut leaf miner moth), or to spray buds
- The advantage of this glue over others is that **Soveurode Special Glue covers the caught insects and thus, the surface remains sticky.**
- quantity needed: 1 can coats approx. 4 to 6.5 m² with glue
- weatherproof, excellent catch results
- remains sticky for a very long period despite moisture, high or low temperatures, excellent for use in the open air as well as in greenhouses
- **stays effective up to one year;** when surfaces that were coated with glue are fully covered with insects, clean with spatula (scrape off) and newly coat them with glue

item no.	item	price (in €)	
		excl. VAT	incl. VAT
381211	Soveurode Special Glue (Spray Glue) – 750 ml (shipping unit: box of 12 cans)	per can	
	1 can		



winter moth
(*Operophtera brumata*)
female

- **Practical Tip: Use Soveurode Special Glue to control winter moth** (*Operophtera brumata*)
The brownish-grey female winter moths are flightless. They crawl from the ground up the trunks of their host trees with their six, strong legs where they mate and lay eggs in bark crevices. The eggs overwinter in the crevices. Larvae hatch in spring when the leaves sprout, i.e. from March to May depending on local climate conditions. As the females are very limited in their spatial range and the flying males cannot carry them, their control is very simple: **Spray Soveurode Special Glue ring-like around the tree you would like to protect.** The females stick to the glue, no mating will take place.

Time of application: October to December during the mating season

Fruit & Grape Protection Bag

Fleece bag to protect the harvest against harmful insects, birds and much more



Fleece bag with sealing tape to protect the harvest. Protects grapes, apples and other fruits from bird feeding and insects.

- dimensions: 20 x 30 cm
- colour: white



item no.	item	price (in €)	
		excl. VAT	incl. VAT
732011	Fruit & Grape Protection Bag (shipping unit: pack of 50 pcs.)	per pack	
	1 pack		

• Usage of Bajuluwit



Open the foil dispenser. Pay attention to not remove the transparent film underneath! To do this, secure the barrier film with your thumb and pull off the silver protective film with your other hand.



Attention!
Do not peel off the transparent film!



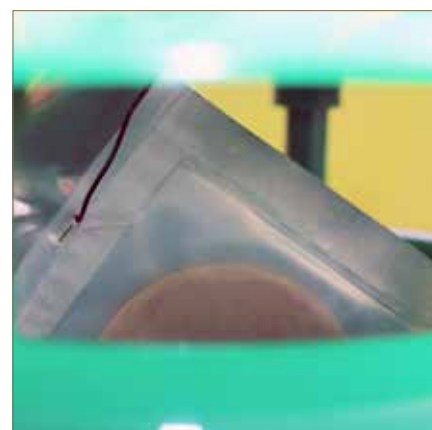
Attach a piece of wire or string on the pheromone. An opening has already been pre-cut for this.



Attach the attractant to the lid of the trap lantern using a wire or string. To do this, the basket cylinder must first be removed so that there is room for the Bajuluwit dispenser.



Duration of effect: 4-6 weeks.
Practical tip: add a new dispenser after 5 weeks to maintain the attractant effect.



The WitaTrap® trap lantern or the WitaTrap® Delta Super trap are best suited for catching. The traps must be checked weekly for caught beetles.

Wita®Garden hail protection net

WitaGarden hail protection net for house and garden

**BEST PRICE
PRODUCT**

With edge reinforcement and buttonhole strip every 15 cm for easier attachment.
Easy application by fastening clips.

- hail protection net for home and garden
- weatherproof, tearproof
- UV-stabilized
- weather, water and acid resistant
- colourfast
- dimensions: 3 x 6 m
- mesh size: approx. 10 x 4 mm
- colour: black

- Accessories included:
 - Mounting clips (6 pieces)
 - WitaNet S-hooks (approx. 16 pieces).



item no.	item	price (in €)	
		excl. VAT	incl. VAT
730311	Wita®Garden hail protection net – 3 x 6 m	per piece	
	1 pc.		

Wita®Net S-Hook

Hooks for quick mesh mounting

**SERVICE
PRODUCT**

Hooks are put into the installation holes of Wita®Net
Side Netting and attached to guy-wire.

- Tip: Use 1 to 2 S-Hooks per metre at upper and lower end.



item no.	item	price (in €)	
		excl. VAT	incl. VAT
791011	Wita®Net S-Hook (shipping unit: 1,000 pieces per pack)	per pack	
	from 10 packs		
	1 to 9 packs		

Installation with Wita®Net S-Hooks:



Quick installation:
Put Wita®Net S-Hooks ...



... in installation holes of Side Netting ...



... and attach to guy-wire. Ready!

Wita®Garden Wespenschutznetz



Wasp & hail protection net for the garden, orchards and vineyards

**BEST PRICE
PRODUCT**

Wasp protection net with co-worked hem at the edge and buttonhole moulding every 15 cm for easier attachment e. g. with WitaNet S-hook.

- bird, hail, wasp and insect protection net for home and garden
- side covering for vineyards
- weatherproof, tearproof
- UV-stabilized
- weather, water and acid resistant
- colourfast
- dimensions: 4 x 5 m
- mesh size: approx. 7 x 1 mm
- colour: light green



item no.	item	price (in €)	
		excl. VAT	incl. VAT
731511	Wita®Garden wasp protection net – 4 x 5 m	per piece	
	1 pc.		

Wita®Garden Bird protection net



triangular meshes

WitaGarden Bird protection net for the garden, orchard and vineyard

**BEST PRICE
PRODUCT**

- no release of harmful substances to the grape
- protection factor 100 %
- environmentally friendly tear-resistant PE materia
- weather, water and acid resistant
- absolutely uniform meshes
- laying and hauling in shortest time
- reusable several times
- dimensions: 8 x 8 m
- mesh size: approx. 30 x 30 mm
- colour: blue



item no.	item	price (in €)	
		excl. VAT	incl. VAT
731001	Wita®Garden bird protection net – 8 x 8 m	per roll	
	1 pc.		

Fruit and Grape protection nets see pages 126–128



Crush® Speed Wasp Spray



Insecticide for immediate wasp control

- excellent **immediate and long-lasting effect** against wasps and their nests, **safe application**
- **spray range: approx. 4 to 5 metres**
- Best results are achieved when applied in the morning or in the evening, as wasps are in their nests.
- **Wasps die within seconds when they come in contact with the spray and have no chance to sting.**



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item no.	item	price (in €)	
		excl. VAT	incl. VAT
518011	Crush® Speed Wasp Spray – 750 ml can (24 cans/box)	per can	
	from 12 cans		
	1 to 11 cans		

This catalogue is designed to give you an overview on various products. Use biocides safely. Always read the label and product information before using any product. Please comply with the instructions they contain.

Wasp Trap & Wasp Bait



Trap for wasps and other insects for home and garden

- The traps are hung outdoors.
- The container is filled with the wasp bait (see below)
- One box contains two traps
- **Wasp baits for wasp traps:**
 - To catch wasps
 - easy to use
 - no risk to humans & other animals
 - safe for plant, user & environment



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item no.	item	price (in €)	
		excl. VAT	incl. VAT
315881	Wasp Trap (pack incl. 2 pieces)	per pack	
	from 10 packs		
	1 to 9 packs (2 pieces per pack)		
315941	Wasp Bait for Wasp Trap - Bottle of 500 ml	per piece	
	from 10 pcs.		
	1-9 pcs.		

**BEST PRICE
PRODUCT**

NOTES

[illegible]

GENERAL TERMS AND CONDITIONS OF BUSINESS

General terms and conditions of business (GCB) of WITASEK PflanzenSchutz GmbH (Inc.), also valid for the online shops www.witasek.com, www.haus-garten-biowit.at
(valid as from 01.02.2021)

WITASEK PflanzenSchutz GmbH
Witasek-Allee 2
9560 Feldkirchen, Carinthia
AUSTRIA

1. Areas of application

1.1. These present GCB - General Conditions of Business of WITASEK PflanzenSchutz GmbH (Inc.) (hereinafter referred to as the 'Seller') apply to all contracts of purchase and sales, into which the Customer enters with the Seller regarding products offered in the print media (catalogue, brochures, etc.) and in the online shop of the Seller, by the remote sales' method. Rejection is hereby made to the inclusion of contradictory or additional conditions of the Customer without any exception, unless they have been specifically accepted by the Seller in writing in each individual case. Contractual execution by the Seller however does not imply any consent to other contract conditions, which may deviate from these present GCBs.

1.2. Amendments or additional agreements require written confirmation by authorised representatives of the Seller to be valid and only apply to the one individual business case. This applies also for any waiver of this clause. Employees of the Seller, as well as subsidiaries disclosed by name before the start of the work are not authorised to arrange changes of or additional agreements to these GCBs.

1.3. Customers in the sense of Point 1.1. are both users and retail traders, whereby a user is every natural person, who completes a legal transaction for a purpose that can neither be attributed to their commercial nor their self-employed professional work, and/or such serves the creation of the prerequisites therefor, before the commencement of their professional work in an enterprise (incorporation transactions). All legal persons subject to the private law, who exercise no commercial trading activities, are also to be considered as Consumers. However, a retail trader is every natural or legal person or a legal partnership that for the completion of a legal transaction acts in pursuit of their individual professional or commercial activities.

2. The Contractual Party

The contract of purchase and sale is concluded with WITASEK PflanzenSchutz GmbH (Inc.), Witasek-Allee 2, A-9560 Feldkirchen, Carinthia, AUSTRIA.

3. Products, Offers and Conclusion of a Contract of purchase and sale

3.1. Products

3.1.1. The Seller trades in biological, mechanical and chemical pesticides of all types, together with the associated accessories (also in its online shop).

3.1.2. The Seller points out that the product images shown in the print media (catalogues, brochures, etc.) or in the online shop may

differ from the actual format of the product (symbol images). Slight optical differences do not represent any deficiencies.

3.1.3. Note according to battery law

Please note, that batteries and rechargeable accumulators may be included in our consignments, and pursuant to the Austrian Federal 'BattG' - legislation governing batteries and accumulators - we are therefore statutorily required to indicate the following to Customers: batteries and accumulators may not be disposed of in the household waste (refuse), but that exhausted batteries and accumulators should be returned to the supplier, or deposited with special waste contractors or in municipal waste depots. Exhausted batteries and accumulators contain contaminants, which can negatively affect the ecological environment or human health, when not properly deposited or disposed of. Batteries and accumulators however also contain important raw materials, such as iron, zinc, manganese or nickel and these can be normally recycled. Customers can therefore return the batteries and accumulators to us, or deposit these in neighbouring facilities (i.e. with retail traders, in municipal waste disposal depots or in our consignment warehouses), free of charge. Returns of exhausted batteries and accumulators to retail traders are sometimes restricted only to the new types, which the retailer usually sells. The symbol of a crossed-through household-waste (refuse) container means, that batteries and accumulators may not be disposed of with the household waste or refuse. Below this symbol are also displayed other symbols meaning: Pb: battery contains lead; Cd: battery contains cadmium; Hg: battery contains mercury.

3.2. Conclusion of the Contract of purchase and sale

The product images shown in the print media (catalogues, brochures, etc.) or in the online shops of the Seller, do not represent any legally binding contractual offer from the Seller, but are merely a non-binding invitation to the Customer to make a legally binding offer of purchase. The Seller will immediately confirm receipt of the offer by the Customer electronically. This does not yet represent acceptance of the purchase offer made by the Customer. The Seller is entitled to reject the acceptance of the order - also with regard to individual products that do not belong together.

If the Seller is not able to complete the order, because the ordered goods are not available, or declines the offer made by the Customer, then the Customer will be notified immediately, at the most within 5 working days from receipt of the order, by e-mail or by telephone. After this term has expired or the ordered goods have been sent within this period, the Customer's contract offer is deemed to have been accepted and the contract of purchase and sale is deemed to be binding. A separate confirmation of the order will not be provided before the goods are delivered.

3.3. Order Procedure

3.3.1. The Customer may submit the order or an offer request in writing on the online order form integrated in the online shop (order of offer request also possible by e-mail, fax or telephone). The Customer thus has the option of opening an user account in the online shop by entering his personal data (name, address, e-mail address), as well as a password chosen by himself. In this case, the personal Customer data entered are only saved for the purpose of simpler and faster processing of future order procedures and may be called up by the Customer at any time by entering the e-mail address and the password selected by him. Furthermore, the

Customer has the option of purchasing as a guest and entering his data for each order separately. In this case, the Customer data is not stored in the systems of the website online shops for future orders, so that a new data entry is required for each new order. Only the entered personal Customer data will be stored in our internal merchandising system for the purpose of processing the order transaction and can be retrieved by the Customer at any time by calling +43 (0) 4276 3230, or by e-mail query to: office@witasek.com. Further information on the processing of your personal data can be found under Point 10: 'Data protection and privacy'.

3.3.2. By clicking on the desired product category and sub-category in the online shops, the Customer gets to the presentation of the individual products, assigned to the respective category. By selecting the desired quantity or consignment unit in the field provided for this, as well as clicking on the button 'add to shopping cart', the desired quantity is placed in the shopping cart. By clicking on the button 'continue shopping' and the desired product category, the Customer again reaches the product offerings and may continue his product selection. By clicking on the button 'shopping cart' or 'edit shopping cart', the Customer reaches his product selection that may be changed at any time before submitting the order, by changing the quantity of the product or by cancelling the selection by clicking on the 'X symbol'. By clicking on the button 'check-out', the order procedure will be initiated. After registering or logging-in by a Customer, who has already registered or by entering the personally referred data, as well as the billing address and consignment address by a guest buyer, the Customer submits a legally binding offer to conclude a contract of purchase and sale for the goods contained in the shopping cart by clicking on the button 'order subject to payment' during the final step of the ordering process. Before the binding submission of the order, all entries are shown again in a confirmation window screen whereby the product selection may still be changed. Prior to the legally binding submission of the order, the Customer states explicitly that he agrees to these present GCBs. As soon as the order procedure has been completed, the Customer will be notified about this on an information window. This however does not yet mean, that the offer of purchase by the Customer has been accepted by the Seller.

3.4. The order data are saved by the Seller and can be retrieved by the Customer – as long as he has opened a Customer account in the online shop of the Seller before submitting his order – for a limited period of time (but at least for 6 months) via the password protected Customer account.

3.5. Order processing and making contact take place in the website online shops by e-mail and automatic order processing. The Customer must ensure that the e-mail address specified by him for order processing is accurate, so that the e-mails sent by the Seller to this address can be received. The Customer is to ensure, that all e-mail messages sent by the Seller can be received, in particular when using SPAM filters.

3.6. Conclusion of a contract of purchase and sale for remote sales of goods without involvement of the website online shops

3.6.1. The Customer may also submit a legally binding offer in writing by e-mail, letter, fax or by telephone.

3.6.2. If the Seller is not able to execute the order, because the ordered goods are not available, or the Seller does not accept the Customer's offer, then the Customer will be notified immediately by e-mail, no later than 5 working days from receipt of the order, by e-mail or by telephone. After this term has expired or the ordered goods have been sent within this term, the contract offer by the Customer is deemed to have been accepted and the contract of purchase and sale is deemed to be binding. A separate confirmation of the order will not be provided before the goods are delivered.

The Seller also retains the right of declining orders of individual products that do not belong together.

3.6.3. The Customer must ensure that any e-mail addresses specified by him for order processing is accurate, so that the e-mails sent by the Seller to this address can be received. In particular, the Customer is to ensure, that all e-mail messages sent by the Seller can be received, in particular when using SPAM filters.

The Customer must also ensure that any telephone number indicated by him/her is correct, so that the calls made by the Seller may be properly received.

3.6.4. The Customer has also to ensure that the delivery and billing address are correct, so that the goods and invoices sent by the Seller can be received at that particular postal address. Otherwise, the Seller reserves the right to charge additional costs to Customer, in the event of inadequate or incorrect indication of the delivery or billing address.

4. Right of withdrawal and revocation

The following instructions for revocations only apply to private users. Retail traders do not have a right of withdrawal or revocation.

Revocation Instructions

You have the right to revoke the contract of purchase and sale within fourteen days without indicating the reasons for the revocation.

The period of revocation is fourteen days from the day that you or a third party appointed by you, who is not the carrier, have/has received the goods.

In order to exercise your right of revocation, you must inform us

WITASEK PflanzenSchutz GmbH
Witasek-Allee 2
9560 Feldkirchen, Carinthia
AUSTRIA
Tel.: +43 (0) 4276 3230
Fax: +43 (0) 4276 20 88-399
Email: office@witasek.com

by means of a clear statement (e.g. a letter sent by post, fax or e-mail) regarding your decision to revoke the contract of purchase and sale. You may use the attached sample revocation form, which is, however, not required. You may also fill in and submit the sample revocation form or another clear statement on our website www.witasek.com/widerruf/ruecktrittsrecht electronically. We will send you immediately (e.g. by e-mail) a confirmation regarding the receipt of such a revocation, if you make use of this option.

In order to safeguard the revocation period, it is sufficient that you send the notice of revocation before the expiration of the revocation period.

The consequences of revocations

When you revoke the contract of purchase and sale, we must refund you all payments that we have received from you immediately, but not later than fourteen days from the day that we received the notice of revocation of the contract of purchase and sale, including the consignment charges (with the exception of the additional charges that have resulted from you choosing a different type of consignment than the inexpensive standard consignment offered by us). We will use the same method of payment for this refund, unless something different was explicitly agreed with you; in any case, you will not be charged any fees. We may withhold the refund until we have either received the goods or until you have produced proof that you have returned the goods, depending on which comes first.

You must immediately return or hand over the goods to us and, in any case, within fourteen days from the day on which you notified us about the revocation of the contract of purchase and sale. The period is safeguarded when you dispatch the goods before the

expiration of the period of fourteen days. You bear the direct charges for returning the goods. In case you have returned the goods collect, we are entitled to withhold or charge an equivalent amount.

You are only liable for any possible depreciation of the goods, when this depreciation can be ascribed to unnecessary handling for testing of the composition, characteristics and operation of the goods.

Exclusion of right of withdrawal/revocation

The user does not have any right of withdrawal/revocation for contracts concerning goods,

- that are manufactured according to Customer specifications or clearly have been customised to personal needs;
- that can spoil quickly or whose expiry date would soon be exceeded (e.g. pheromones, pesticides, etc.);
- that are delivered sealed and are not suitable to be returned for reasons of public health or for hygienic reasons, to the extent that the sealing was removed after delivery (e.g., pheromones, pesticides, etc.);
- that have been mixed inseparably with other goods after delivery due to their condition.

General Notes

Please note that the following notes are not prerequisites for effectively exercising the rights of withdrawal/revocation:

Please avoid damage and contamination of the goods. Please return the goods in the original packaging with all accessories and packaging components, if possible. If you no longer have the original packaging, please ensure sufficient protection against consignment damage by using suitable packaging. Loss, wear and tear, damage or contamination of the packaging may dissolve any liability for compensation in as much as the loss of value of the goods is connected to this and that it can be ascribed to unnecessary handling for testing of the composition, characteristics and operation of the goods.

5. Prices and payment conditions

5.1. The product offers by the Seller contain both the prices excl. VAT (net prices) as well as incl. the statutory Austrian VAT (gross prices). We reserve the right to change prices due to the raw material situation. The current prices in our web shops apply without exception. For orders with a net merchandise value under EUR 40.00 net (EUR 48.00 gross), the Seller charges a service fee of EUR 3.00 net (EUR 3.60 gross). The prices valid at the time of ordering are decisive for invoicing.

5.2. The sales prices shown in the print media (catalogue, brochures, etc.) and in website online shops are to be understood plus consignment charges. These are listed in the website online shops under the menu item 'Delivery and Payment & Consignment Charges'.

5.3. The Seller will accept the following methods of payment:

- payment in advance by bank transfer (obligatory for Customers for their first order);
- purchase against invoice (for their second order, as an alternative to payment in advance, subject to a positive creditworthiness check by the Seller).

The Seller reserves entitlement to change the methods of payment in individual cases.

Closer details on various methods of payment are shown in the menu item 'Payment and Consignment Charges'.

5.4. The entire order value (the purchase price plus the consignment charges) is to be paid in advance immediately after sending

the order to the account of the Seller. Should however the Seller reject the order, the already paid in purchase price will be immediately reimbursed by return transfer. For purchases made by the invoice method of payment, the amount of the invoice should be transferred net, without deduction of any bank charges within 10 days of the date of receipt of the invoice, to the bank account of the Seller. Invoices will be sent by the Seller separately by postal mail or e-mail to the Customer, and these should be paid within 10 days of date of invoice without any deduction.

5.5. In case of late payments – regardless of the debt of the late payments – private Customers and retail traders will be charged arrears' interest at a rate of 6.0% p.a. over the above the national bank rate, as well as compound interest at the statutory rate. In addition, the Customer is obliged regarding indebted payment arrears to reimburse the Seller first of all for any further additional actual damages, especially also damages that result, because of the non-payment that corresponding higher interest accrues on any credit accounts of the Seller, as well as refund all necessary costs expended by her for the related collection, such as possible lawyers' fees and costs for debt collection agencies. Regardless of enforcing further rights and claims, the Customer, as a retail trading business, is obliged to pay a flat rate of EUR 40.00 as reimbursement of the collection costs, in accordance with Art. 458 of the Austrian Federal 'UGB-Unternehmensgesetzbuch' – Legislation governing corporate entities. The Customer is only then entitled to offset with his own claim against the Seller, when insolvency of the Seller is imminent or the claim by the Customer stands in a legal context with his liabilities or the claim by the Customer is unchallenged, legally established or acknowledged by the Seller.

5.6. Rebates off list prices and discounts will only be granted to other enterprises under Point 1.3., on condition of the complete and maturity-date payment of the purchase price. Should the purchase price (diminished by the amounts of rebate and discount) not be paid completely and by maturity date, such as for example in cases of insolvency proceedings or out-of-court settlements, the Seller is to be entitled to re-invoice the foregoing benefits and to charge the full list price. The foregoing stipulations do not apply to consumers as defined under the statute law.

5.7. The Customer is only then entitled to offset with his own claim against the Seller, when insolvency of the Seller is imminent or the claim by the Customer stands in a legal context with his liabilities or the claim by the Customer is unchallenged, legally established or acknowledged by the Seller.

5.8. The Customer can only exercise a withholding right, as long as it involves claims from the same contractual relationship. If the Customer is a retail trader, then a withholding right is explicitly excluded.

5.9. Settlement is in Euros.

6. Delivery and Consignment Conditions, Acceptance Default, Transfer of Risk

6.1. Delivery of goods occurs by the consignment method of the Seller's choice by Österreichische Post AG (LLC/Ltd.), DPD, DB Schenker or GLS or by haulage carrier (for bulky goods) to the delivery address indicated by the Customer, in as much as there is no other agreement. The postal address indicated by the Customer in the order is definitive for the processing of 'online' orders.

6.2. The delivery period is 3 - 21 working days from receipt of the order – and payment with advance payment – by the Seller. The Customer will be notified separately about this, if one item is not in stock or cannot be delivered immediately and the delivery time will be extended accordingly.

6.3. The appointed transport company returns the goods to the Seller, if it is not possible to deliver these to the Customer, whereby the Customer must bear the costs of the unsuccessful delivery and

return, as well as any storage costs. This does not apply, when the Customer is not responsible for the unsuccessful delivery attempt.

6.4. If the Customer is in default of acceptance, then the Seller is entitled to withdraw from the contract of purchase and sale, after setting a suitable extension and utilise the goods otherwise or insist on fulfilment of the contract of purchase and sale. The Customer must, in addition, reimburse the Seller for the damages caused by the delay, if he is at fault for the default of acceptance. A purchase price, that has already been transferred, will be refunded, less the consignment costs, as well as any amount of damages owing to the Seller.

6.5. If the Customer is a user, then the consignment of the goods takes place at the risk of the Seller. The risk of loss of or damage to the goods is only then transferred to the Customer, as soon the goods are delivered to the Customer or to a third party designated by the carrier. If the Customer is a retail trader, then the consignment of the goods takes place at the risk of the Customer, i.e. the risk of the consignment is born by the Customer.

6.6. The Customer may also collect the ordered goods himself at the head office of the Seller at: Mozartstraße 1, A-9560 Feldkirchen, Carinthia, Austria. If the goods are not ready for immediate collection, then the Customer will be informed by the Seller, when he may collect the goods. If the ordered goods are not collected within 10 working days from the notification of their availability, the consequences of default will occur and the Seller may either withdraw from the contract of purchase and sale after setting an appropriate extension or insist that the contract of purchase and sale be fulfilled. Any damage claims by the Seller by culpable default of acceptance remain unaffected. No consignment charges are applicable for collection by the Customer.

7. Retention of ownership

The delivered goods remain the property of the Seller until payment is completed. The Customer carries the total risk for the retained goods, especially for the danger of destruction, loss or deterioration. At the time of delivery by the Seller the Customer already cedes to the Seller his claims against third parties in lieu of payment, as far as these occur because of the disposal of the goods, until the final payment of his liabilities. The Seller accepts this assignment explicitly. The Customer must name his client at the request of the Seller and notify him on time about the cession. The cession must be made apparent to the purchaser on the company books, delivery notes, invoices, etc. If the Customer is in arrears with his payments to the Seller, then substantial sales revenues of his must be separated out and the Customer only holds/keeps these under the name of the Seller. The Customer is not allowed to pledge or make collateral assignment of the reserved goods. The Customer is to inform the Seller with immediate effect of any pledging, mortgaging or other encroachment upon the rights of the Seller to receive the purchase price, asserted by third parties, and otherwise to provide all necessary information for asserting the ownership rights. In such cases, the goods are therefore to be sent by the Customer upon the first demand of the setter to a certain address to be advised for retention purposes, as a protection against any further pledging or mortgaging of the goods.

Any claims against an underwriter have already been transferred to the Seller under the limits of Art. 15 of the Austrian Federal 'Versicherungsvertragsgesetz' – Legislation governing contracts of insurance.

It is agreed that there is no withdrawal from the contract of purchase and sale in the enforcement of the retention of ownership, unless the Seller explicitly states withdrawal from the contract of purchase and sale.

If the Seller exercises his retention of ownership and takes the goods back, a credit note will be issued for the goods taken back under the retention of ownership taking into account an appropriate

price reduction for the time of storage and wear and tear. Return consignment of the goods to the Seller is at the expense and risk of the Customer.

8. Liability for Deficiencies

8.1. If there is a deficiency in the purchased items at the time of deliver, the legal provisions apply, with the exception of the deviations for retail traders under Point 8.3.

8.2. The statute of limitations for warranty claims for users is two years from the delivery of the goods to the Customer. The Customer may demand compensation in accordance with Art. 933a of the Austrian Federal 'ABGB-Allgemeines Bürgerliches Gesetzbuch' – Civil Law Code, within three years from the notification of the damage and wrongdoer, instead of asserting the warranty claims, if the Seller is responsible for the deficiency.

8.3. The following legal regulations apply differently to retail traders:

- The burden of proof for presenting a deficiency is on the Customer.
- The statute of limitations is one year from the transfer of risks. Deficiency claims must be legally enforced within this period in case of other preclusions.
- Negligible deficiencies, such as, e.g., optical deviations and variations in the material in size and weight of +/- 10 %, do not in principle justify any deficiency claims.
- The Seller has the option of warranty appeals.
- The Seller is not liable to reimburse the costs of rectification of the deficiencies (by third parties) initiated by the Customer.
- The limitation period does not re-start, when a replacement shipment is made as part of any liability for deficiencies.

8.4. If the Customer is a retail trader in the sense of Art. 1 of the Austrian Federal 'UGB-Unternehmensgesetzbuch' – Legislation governing corporate entities, it bears the commercial obligation to investigate and give notice of deficiencies in accordance with Art. 377 of the foregoing 'UGB'. The Customer is in this case obliged to assert its warranty claims and to complain in writing about any deficiencies immediately after receiving the delivery, at the latest within 5 working days, hidden deficiencies within 3 working days from their detection. The complaint must be justified sufficiently and verified by evidence. If the Customer omits to make notification of the deficiencies in time, the goods shall be deemed as approved.

8.5. When the Customer is a consumer, it is asked to complain to the carrier concerning any obvious transportation loss or damage to goods delivered, and to inform the Seller and/or to inform the Seller in arrears of any hidden transportation damage immediately upon discovery, so that the Seller can claim from its insurance. Should the Customer fail to comply with this stipulation, this will not affect its statutory rights to assert defect claims.

8.6. The above regulations under Point 8.3. and Point 8.4. hereof apply equally, regardless whether claims are submitted because of the deficiency itself from the title of the warranty or restitution in accordance with Art. 933a of the Austrian Federal 'ABGB-Allgemeines Bürgerliches Gesetzbuch' – Civil Law Code. The regulations of Point 9 apply to consequential damages arising from the deficiency without exception.

8.7. The warranty does not apply to deficiencies caused by the Customer. This applies especially to incorrect use or storage.

8.8. If the rectification has been made by replacement, the Customer is obliged to return the original goods shipped to the Seller at his costs within 14 days. The return of the deficient goods must take place in accordance with the legal provisions.

8.9. Reclamations based on deficiencies may be submitted to the following address:

WITASEK PflanzenSchutz GmbH
Witasek-Allee 2
9560 Feldkirchen, Carinthia
AUSTRIA
Tel.: +43 (0) 4276 3230
Fax: +43 (0) 4276 20 88-399
Email: office@witasek.com

9. Liability for loss or damage indemnification

9.1. The Seller is liable without restrictions on any legal basis for loss of life, physical or health injuries, whether on purpose or due to gross negligence, with malice and warranty promises and when the liability takes place in accordance with binding legal regulations, such as the product liability act.

9.2. The following applies for retail traders (deviating in part):

- The Seller does not accept without intent any liability for indirect damages, loss of profit, loss of interest, lack of savings, consequential damages and damages from claims by third parties.
- By gross negligence, the liability for property damage is limited to the value of the delivered goods.
- Proof that the Seller is at fault must be provided by the Customer; reversal of the burden of proof is explicitly excluded.
- Indemnity claims must be enforced legally in case of other preclusions, within a year of discovery of the damages or wrongdoer, no later than 10 years from the transfer of risk.
- Indemnity claims are excluded hereunder, in so far as permitted by the statute law.

10. Data protection and privacy

The use of personal data (also in the website online shops) is conducted in accordance with the Data Protection Declaration published separately by the Seller on the Home Page of its Website under the title 'Data Protection'.

11. Applicable Law, Jurisdiction, Contractual Language

11.1. For all disputes between the Seller and the Customer arising from the contractual relationship, including disputes regarding the realisation and/or validity of the contract of purchase and sale, Austrian law applies, except for the UN sales convention and the reference norms of international civil law, as agreed. This applicable law applies to users only to the extent that the protection granted is not revoked by compelling regulations of the law of the state in which the user has his/ her usual place of residence.

11.2. If the Customer is a user, the legal jurisdiction applies. However, if the Customer is a retail trader, legal person of the public law or a special fund under public law, the exclusive jurisdiction for all disputes arising from this contract of purchase and sale is the court responsible for the headquarters of the Seller (9560 Feldkirchen in Carinthia).

11.3. The contractual language is exclusively German.

12. Out-of-court dispute arbitration

12.1. In cases of dispute under contract of purchase and sales, the Seller will accept the arbitration decision of the 'Internet Ombudsman' and of the 'Verein Österreichisches E-Commerce-Gütezeichen' (Austrian E-Commerce Trust Mark Association) as out-of-

court arbitrators, without however waiving regular litigation through the courts:

Internet Ombudsmann

Margaretenstraße 70/2/10
A-1050 Wien
www.ombudsmann.at

In cases of definite complaints, and under the following preconditions, the Internet Ombudsman can be contacted via an enterprise for the conduct of out-of-court arbitrations:

- when a complaint concerns a contract of purchase and sale for valuable consideration or reward concluded via the internet, or a complaint concerns other E-Commerce queries or the statute law governing internet trading and/or data protection, copyrights or trademark rights (a specific and definite reference to internet use must be apparent).
- The complainant is a consumer has its residence or domicile in Austria (for users from Germany the European User Centre Germany, www.eu-verbraucher.de is responsible as affiliate).
- The complaint-opposing respondent (the Seller) has its domicile in a member state of the European Union.
- No cases of litigation are currently pending before the court in the matter.
- Attempts have already been undertaken to make contact with the perpetrator of the complaint without success to solve the problem.
- The Complainant asserts specific rights' claims on the complaint-opposing respondent or disputes the rights' claims of the complaint-opposing respondent in the matter.

Details are available on the website of the Internet Ombudsman at: www.ombudsman.at/schlichtung.php concerning the procedure for submitting complaints as well as concerning the course of an arbitration.

12.2. The European Commission also has a website available at: <http://ec.europa.eu/consumers/odr/> for online arbitrations (OS). Consumers have the possibility of using this website for the settlement of their disputes.

13. Miscellaneous

If any of the individual regulations of the following general terms and conditions be legally ineffective, invalid and/or void or become so in the course of their duration, this will not affect the legal effect and validity of the remaining regulations. This does not apply, if the ineffective regulation is one of the main obligations. Instead of the ineffective or missing regulations, the respective legal regulations occur. Waiver of these rights may not be deduced from the fact that the Seller does not exercise some or all of the rights to which he is entitled.



Model Cancellation Form

(If you would like to cancel the contract, please fill out the form below and send it back to us.)

To:

WITASEK PflanzenSchutz GmbH
Witasek-Allee 2
9560 Feldkirchen, Carinthia
AUSTRIA
Fax: +43 (0) 4276 20 88 399
Email: office@witasek.com

I/we (*) hereby cancel the contract I/we (*) entered into for the purchase of the following goods (*)/the provision of the following service(*)

Ordered on (*)/received on (*)

Name of consumer(s)

Address of consumer(s)

Signature of consumer(s) (only if this form is notified on paper)

Date

(*) Delete as appropriate.



DATA PROTECTION DECLARATION

The Data Protection and Privacy Declaration of WITASEK Pflanzenschutz GmbH (Inc.), also valid for the online shops at www.witasek.com and www.haus-garten-biowit.at (as of 01.02.2021)

WITASEK PflanzenSchutz GmbH
Witasek-Allee 2
9560 Feldkirchen, Carinthia
AUSTRIA

10. Data Protection and Privacy

The use of personal data (also in the online shops) is conducted on the basis of the 'Data Protection and Privacy Declaration' shown below, as indicated by the sales staff in over-counter sales, and which is also especially published in the website shops on the websites of the Corporation under the title 'Data Protection'.

We thank you for your trust. Protecting your personal space and privacy is very important to us, which is why we strictly observe the legal regulations while raising, processing and using your personal data.

A few notes regarding carefully protecting your privacy and complete confidentiality when using your personal data:

WITASEK PflanzenSchutz GmbH
Witasek-Allee 2
9560 Feldkirchen, Carinthia, AUSTRIA

is responsible for the raising, processing and use of your personal data.

10.1 Anonymous Data Raising (via the online shops)

In principle, you may visit our website without disclosing who you are. In this case, we only save access data without personal references, such as the name of your Internet service provider, the website from which you are visiting us and the name of the file requested. This information is only used for statistical purposes and serves to improve our offers. You remain anonymous as an individual user for this.

10.2 The Raising, Processing and Use of Personal Data

Personal data is information about your identity, such as: first name, last name, firm's name, postal address (street address, place, postcode, country), e-mail address, website address, value-added tax identification number (when existent). Personal data is only raised when you disclose this voluntarily for concluding a contract of purchase and sale, processing a purchase order and any possible subsequent warranty, for the opening of a Customer account, for placing an order (e.g. ordering goods or a catalogue, etc.) (by telephone, fax- or e-mail , by post or via website shop order), or when registering for our e-mail newsletter. We also use personal data provided by you for the purposes of processing orders and dealing with return queries (by telephone, fax or e-mail), for responding to your queries (by telephone, fax or e-mail), and also for advertising purposes (e.g. for the distribution of advertising printed matter concerning our products, by post or e-mail), and in addition for the raising of personal data, as well as for the storage of such data until express revocation is required by Customers. You may therefore withdraw any consent granted for the collection, processing and use of your personal data at any time.

Your e-mail address will be used exclusively for information and the advertising purposes of your own goods and services after the conclusion of the contract. The e-mail address can also be used for distributing the newsletter, when the Customer has subscribed for it. You may however cancel the newsletter at any time through the link provided in the newsletter or by appropriate notification. After successful cancellation, your e-mail address will be deleted immediately from the distribution list.

10.3 Disclosure of Personal Data

We do not disclose your data, including your address and e-mail address to third parties. Excluded from this are our service partners, such as, e.g. haulage companies that require certain data (name, postal address, possibly telephone number and e-mail address) for delivering an order. The extent of the disclosed data is always limited to the absolute minimum. The disclosure of personal data may only be used by our service providers for conducting their assignments.

10.4 Cookies (as used on online shop websites)

Among other things our online shop uses, e.g. so-called 'cookies' which serve to make our website more user-friendly, effective and secure – for example when it comes to speeding up navigation on our platform. Also, cookies enable us to measure the possible frequency of page views and general navigation. By using our shop, you declare to be in agreement that we set cookies. We point out that some of these cookies are transferred from our server to your system, whereby it is usually about so-called 'session cookies'. 'Session cookies', therefore, distinguish themselves by being automatically deleted from your hard drive. The cookies remain on your computer after registering and opening a Customer account beyond the termination of a browser session and thus enable us to recognise your computer at your next visit (so-called permanent cookies). You may refuse accepting cookies in your browser settings. Please refer to the instructions of your browser manufacturer for how this works individually, for which we note, however, that this may lead to functional limitations of our online shop.

10.5 The Use of Google Analytics (as used on online shop websites)

This website uses Google Analytics, a web analysis service of Google Inc. ('Google'). Google Analytics uses so-called 'cookies', which are text files that are placed on your computer and that enable an analysis of your usage of the website. The information generated about your usage of this website (including your ISP address) is transferred to a Google server in the U.S.A. and stored there. We point out that this website uses Google Analytics with the extension "_anonymizeIP()" and, therefore, ISP addresses, but abbreviated, are further processed, in order to exclude direct links to individuals. Google will use the information to evaluate your usage of the website for preparing reports regarding the website activities for the website provider and providing further services linked to website usage and use of the Internet. Google may also possibly transmit this information to third parties, as far as this is legally required or as far as third parties process these data on behalf of Google. Google will not under any circumstances connect your ISP address to other Google data. You may prevent the installation of cookies by an appropriate setting of your browser software; we point out, however that in that case you may possibly not be able to fully exploit all the functions of this website. In addition, you may pre-

vent the capture of the data produced by the cookies and related to your usage of the website (incl. your ISP address) to Google, as well as processing of these data by Google, while you download and install the browser plug-in, available under the following link: <https://tools.google.com/dlpage/gaoptout?hl=en>.

10.6 Repeating Consent Declarations

You have expressly given us the following consent and we have recorded your consent. We are obliged by law to have the content of your consent available for viewing at any time. You may revoke your consent at any time effective from then onward.

a.) Consent to advertising campaigns (post or email advertising)

I am in agreement that my post and email addresses may be used for advertising purposes. I may revoke this consent at any time by email to: office@witasek.com with the remark 'Cancel Advertising' in the subject header, or by calling: 0043 4276 3230.

b.) Registration

I agree that, when opening a Customer user account, as well as when placing an order (for ordering goods or a catalogue) (by telephone, fax, e-mail or by post or via website online shopping), my used data (first name, last name, postal address, email address, website address, value-added tax identification number, ISP address or password) may be stored in a Customer database for the purpose of the faster processing of future orders. I may revoke this consent at any time by contacting the Seller, with effect for the future, by telephone or e-mail, and require the erasure of the Customer user account in the system of the Seller, but subject always to the statutory archiving time periods imposed upon the Seller.

c.) Use of Cookies (as used on online shop websites)

I agree that as long as my Customer user account remains in good standing, my e-mail address and my password may be saved in cookies beyond the end of the browser session for the purpose of faster completion of future orders and may be accessed during my next visit. I may revoke this consent at any time with the Seller effective from then onwards, whilst I refuse to accept cookies in my browser settings or by telephone or e-mail message and arrange for the cancellation of the Customer user account.

10.7 The Use of External Links (as used on online shop websites)

In so far as that we refer or link from our Internet offer to the websites of third parties, we cannot accept any responsibility and liability for the accuracy or completeness of the content and data security of these websites. Because we do not have any influence on the actual and future design of and compliance with privacy laws of the linked pages, as well as compliance with privacy regulations by third parties, we are not responsible for the contents of the linked pages and also do not appropriate their contents. You should, therefore, check the respective privacy statements separately. Our privacy statement does not apply there.

10.8 The Right to Information

You are entitled to free information regarding your saved data, as well as the right of authorisation, blocking or – conditional on legal storage deadlines – deletion of these data.

10.9 Further Information and Contacts

Please contact us if you have any further questions regarding the raising, processing or use of your personal data. The same applies for information, requests for cancellations or corrections regarding your personal data, as well as revoking given consent. Please direct your concerns to the following contact address:

WITASEK PflanzenSchutz GmbH
Witasek-Allee 2
9560 Feldkirchen, Carinthia
AUSTRIA
Tel.: +43 (0) 4276 3230
Fax: +43 (0) 4276 20 88-399,
Email: office@witasek.com

If you believe that the processing of your data violates data protection law or if your data protection claims have otherwise been violated in a way, you can complain to the supervisory authority. In Austria, this is the data protection authority.



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For registered plant protection products, the approved application regulations in the respective country must be observed. (Link: <http://pmg.ages.at>)

IMPRESSUM:

Publisher, responsible for the content: witasek PflanzenSchutz GmbH
All contents were created with care. Printing and typesetting errors reserved.
Subject to change without notice.
Design: witasek PflanzenSchutz GmbH, Feldkirchen | March 2024 | www.witasek.com
Print: mst druck:optimierer, Klagenfurt



Sustainable assurance of the successful development of your plants

Our GroWit® plant tablets provide for improved growth rates and increased root development, making your plants more resistant to arid conditions.

Can be used for:

- **Bare root forest plants**
- **Container plants**
- **Immature vines** (when watering is not possible)
- **Potted vegetable and other plants**
- **Flowering plants, shrubs, vegetables**

One tablet can store up to 600 ml (0.6 litres) water!

- Exceptional and sustainable water absorber
- Superior fertiliser donor
- Even at extreme soil temperatures Resistant for up to 5 years



Application rate:

- Container plants → 1 GroWit® tablet
- Pot sizes from 2 litres → 1 - 2 GroWit® tablets
- Bare root plants → 1 - 2 (3) GroWit® tablets

Instructions for use:

Bare root plants: Place tablet in the planting hole so that it is below the root on planting.

Container plants: Place one tablet per plant at the bottom of each planting hole.

Pot plants: In the case of pots with a capacity of 2.5 litres, place one tablet left and right next to the root ball.

**THE innovative
water absorber and
fertiliser donor for your
plants in tablet form**



250 tablet sack



100 tablet large pack.



20 tablet small pack

Available sizes:

Small pack: 20 tablets

Large pack: 100 tablets

Sack: 250 tablet

Carton 4 x 250 tablets = 1000 tablets

1/2 pallet: 24 cartons = 24,000 tablets

One pallet: 48 cartons = 48,000 tablets

GroWit® STANDARD

Water absorber with standard fertiliser donor



Constituents:

Hydrogel, osmo fertiliser,
vermiculite, magnesium stearate
• Super absorption capacity and
biocompatible

Illustration: actual size

BEST PRICE
PRODUCT



GroWit® NATUR

Water absorber with natural fertiliser



Constituents:

Hydrogel, horn shavings, alginate,
clay, guano, magnesium stearate
• Super absorption capacity
and biocompatible

Illustration: actual size

GroWit® HYDRO

Water absorber



Constituents:

Hydrogel, vermiculite, clay,
magnesium stearate
• Super absorption capacity
and biocompatible

Illustration: actual size

**PLEASE
NOTE,**

So that tablets
are active in soil,
they must be irrigated
at least once (rain,
watering etc.). They then
swell and store moisture
that they can release
to plants.

Art.No.	Product	price (in €)	
		eckl. VAT.	incl. VAT.
831111	GroWit® STANDARD	per piece	
	from 48.000 tablets (one pallet)	0,59	0,71
	from 24.000 tablets (1/2 pallet)	0,59	0,71
	1.000 tablets - 23.750 pcs.	0,61	0,73
	250 tablets - 750 tablets	0,64	0,77
831112	GroWit® STANDARD	per pack	
	1 pack (100 tablets)	70,00	84,00
831113	GroWit® STANDARD	per pack	
	1 pack (20 tablets)	20,00	24,00
831121	GroWit® NATUR	per piece	
	from 48.000 tablets (one pallet)	0,49	0,59
	from 24.000 tablets (1/2 pallet)	0,49	0,59
	1.000 tablets - 23.750 tablets	0,50	0,60
	250 tablets - 750 tablets	0,53	0,64
831122	GroWit® NATUR	per pack	
	1 pack (100 tablets)	58,00	69,50
831123	GroWit® NATUR	per pack	
	1 pack (20 tablets)	20,00	24,00
831131	GroWit® HYDRO	per piece	
	from 48.000 tablets (one pallet)	0,59	0,71
	from 24.000 tablets (1/2 pallet)	0,59	0,71
	1.000 tablets - 23.750 tablets	0,61	0,73
	250 tablets - 750 tablets	0,64	0,77
831132	GroWit® HYDRO	per pack	
	1 pack (100 tablets)	70,00	84,00
831133	GroWit® HYDRO	per pack	
	1 pack (20 tablets)	20,00	24,00

Bark beetle counting system

a forestry management 4.0 development

Coming soon
Spring 2024

Forestry management 4.0 is even progressing in the sphere of bark beetle monitoring. What is already standard practice in the sector of fully mechanical timber harvesting, was and is still at the cutting edge when it comes to forestry management. The innovative, creative and exciting project that had the aim of creating the bark beetle counting system had its origin in a concept that was first conceived in 2020.

The bark beetle counting system can be used in combination with the WitaPrall® cross-vane panel trap or the WitaTrap® multifunnel trap by Witasek. In the case of the WitaTrap® [WitaPrall®?] cross-vane panel trap, the counting system is mounted between the adapter and the universal capture container.

As is customary, a pheromone (from a dispenser or ampoule) within the trap is used to attract the beetles. When they follow the pheromone scent trail they land directly in the trap and then collide against the panels or the segments of the multifunnel, causing them to fall into the capture container. At this point, it would normally be necessary to count the beetles by hand and it would also not be possible to obtain real time information on when beetles were actually captured.

With the new and intelligent counting system, it is possible to automatically obtain data on the numbers of bark beetles caught at any particular point in time. A sensor rod with photoresistors inserted in the capture container is able to detect the volume of beetles present. Using the mobile phone network, the system sends the information to the Cloud, from where it can be downloaded using an app or computer. This means that any necessary measures can be initiated as soon as possible.

The approximate number of beetles can be determined on the basis of the recorded volumes:

- 1 ml spruce bark beetles (*Ips typographus*) is roughly equivalent to 40 beetles
- 1 ml striped ambrosia beetles (*Trypodendron lineatum*) is roughly equivalent to 130 beetles
- 1 ml six-toothed spruce bark beetles (*Pityogenes chalcographus*) is roughly equivalent to 600 beetles

The counter system is also equipped with a GPS sensor so that users can always see on a map where their traps are located. There is additionally a temperature sensor so that it can be determined at what mean temperatures the beetles tend to take flight. Sufficient power is provided by the integrated battery to ensure the system operates for a whole year.

The counter system can be used with both wet and dry traps. If a dry trap is used, it will be necessary to empty capture containers every week. If a wet trap is used, this will not be necessary, because the AntiSmell trap salt mixed with the water will prevent release of the hormones and other unwanted scents. However, even in this case containers should be emptied after 8 weeks at the latest or sooner if they are already full. As in the case of the use of a standard trap, such as the WitaTrap® slit trap, traps should be positioned at a suitable distance (12 - 15 m) from the edge of the forest and healthy trees.

Our system is ready to go into production but will first be subjected to a series of tests in 2023 so that we will be ready to market our Witasek bark beetle counting system in 2024, providing forestry managers with an innovative tool for protecting their woodland.

