



Biogents

MAKE A REAL IMPACT AGAINST MOSQUITOES

SERVICE PRODUCT CATALOG

2026





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TOGETHER, LET'S INVENT SUSTAINABLE MOSQUITO CONTROL FOR A SAFER AND GREENER FUTURE



At Biogents, we are driven by the belief that solving the mosquito problem requires effective, sustainable solutions backed by scientifically proven methods and data.

For over 20 years, we have been dedicated to developing innovative, advanced traps with unmatched results, that are redefining mosquito control.

We work with researchers, individuals, professionals and public authorities to protect people from the mosquito invasion and make a tangible impact on health, economies, and well-being globally.

Our mission: delivering mosquito solutions without compromise.

Finally, solutions that are both highly effective and insecticide-free to protect you and your community against mosquitoes.

We focus on the long term, protecting biodiversity and well-being.

At Biogents, we take this commitment to heart.

Join the common effort to make a tangible impact on health, economies, and well-being globally!

WHAT DO YOU NEED FOR SUCCESSFUL MOSQUITO CONTROL?

For optimum results, Biogents strongly recommends:

- Use CO₂ to maximize the capture rate and target all species of mosquitoes
- A multi-trap approach with enough traps to match the level of infestation (for example, the 3 BG-Protector network)
- Combine BG-Protector and BG-GAT traps for dual-action against tiger mosquitoes
- Conduct regular service checks to reduce alternative breeding sites and perform routine maintenance of the traps

EXAMPLES OF CUSTOMERS AND APPLICATION AREAS



PRIVATE HOUSEHOLDS



HOTELS, RESTAURANTS, CAMPING...



PUBLIC AREAS

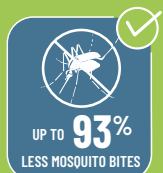


BG-PROTECTOR

A ROBUST MOSQUITO TRAP FOR PERMANENT OUTDOOR USE



SCIENTIFICALLY
PROVEN



UP TO **93%**
LESS MOSQUITO BITES



INSECTICIDE
FREE
ATTRACTANT



Compatible with BG-Counter and solar system

WHAT DO I NEED FOR THE TRAP?

- Power supply
- BG-Booster CO₂ Pro & BG-CO₂ Timer for maximum results with minimum costs
- BG-Mozzibait attractant (effective for 2 months and available in lower cost sets of 10 sachets)

OUR RECOMMENDATION

- **BG-GAT Reflect-Tech:**
Combine 1x BG-Protector with 2x BG-GAT Reflect-Tech: different approaches - double effectiveness
- **Metal enclosure with solar system:**
For public areas or additional needs for trap protection or as communication platform to inform your customers about your anti-mosquito measures
- **BG-Counter:**
For catch monitoring and comprehensive results analysis

BG-PROTECTOR 12 V, #12280



Biogents' robust BG-Protector 12 V mosquito trap was specifically developed for permanent outdoor mosquito control.

Using CO₂ in combination with the patented human skin odor imitation, BG-Mozzibait, increases the trap catch rate by 5x for tiger mosquitoes and all other mosquito species.

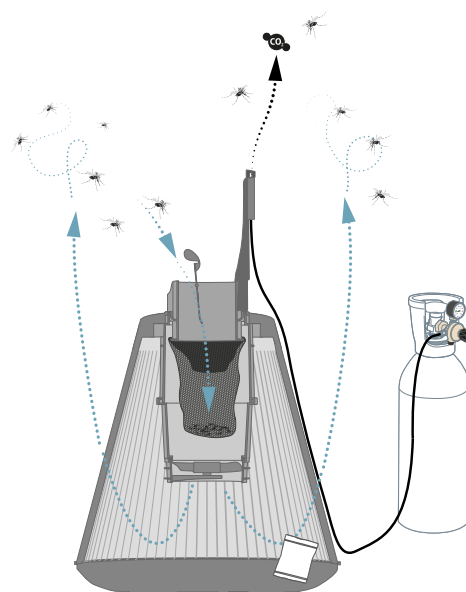
- Easier to install, maintain, and monitor catches than the previous 6 V version
- Blends well in all types of areas (hotels, restaurants, camping places or public areas, and private properties)
- Unmatched results according to an independent study
- Targets all mosquito species when using CO₂ (including tiger mosquitoes)
- Customize your trap network for areas of all sizes

For networks of more than 3 traps, please contact sales@biogents.com

HOW DOES IT WORK?

Imitating the human presence:

- Biogents attractant and CO₂ are dispensed upward
- Air currents generated by the ventilator attract the mosquitoes
- Mosquitoes are captured in a catch bag



In a humid, shady area
and close to plants



Sheltered from
wind and sun



More than 5 m
from the terrace

BIOGENTS ATTRACTANT



BG-MOZZIBAIT, #10608

The Biogents formulated skin odors are the result of more than 20 years of expert research into the host-finding behavior of mosquitoes.

The result: a unique mosquito attractant without insecticides, registered and proven to work.

- Imitation of skin odor
- Especially attractive for tiger mosquitoes
- Formulated without insecticides
- Dispenser technology guarantees an optimally timed release of the scent
- Made in Germany

HOW LONG IS THE ATTRACTANT EFFECTIVE?

The BG-Mozzibait attractant is effective up to 2 months before needing replacement. Available as a set of 10 sachets and no more plastic cartridge – now more cost-effective and more eco-friendly!

BIOGENTS PATENTED AND EU-REGISTERED SKIN SCENT ATTRACTANT



SCIENTIFICALLY
PROVEN



INSECTICIDE
FREE
ATTRACTANT



TIGER
MOSQUITO

Registration numbers in the EU:

AT, BE, CH, CZ, ES, FI, GR, IT, LT, LV, NL, NO, PO, SE, SI, SK:
EU-0026801-0000 |

CY: CY-0030146-0000 | DE: EU-0026801-0000-VZ | DK:
1077-1 | EE: EE-0030724-00 |

FR: FR-2023-0003 | HR: HR-0030144-0000 | HU: HU-2023-
SN-19-00439-0000 |

PT: PT/DGS-NOT-165/2022



CO₂ ATTRACTANT

WITH CO₂ AND THE BG-BOOSTER CO₂ PRO YOU GET MAXIMUM CATCH RATES FOR PROFESSIONAL RESULTS



UNMATCHED RESULTS



x5 CATCH RATES with CO₂



ALL MOSQUITOS



BG-BOOSTER CO₂ PRO, #12091

Combining a Biogents BG-Protector mosquito trap, Biogents Mozzibait attractant and carbon dioxide* (CO₂) results in exceptional high capture rates.

Biogents **highly recommends the systematic use of CO₂** for professional applications to ensure maximum effectiveness:

- Capture 5 times the number of tiger mosquitoes compared to without using CO₂
- Trap all other species of mosquitoes, including house mosquitoes and flood water mosquitoes

The BG-Booster CO₂ Pro adjusts to the optimal amount of CO₂ released and disperses it to attract mosquitoes. The release rate can be adjusted to the local and seasonal mosquito situation. A 10 kg CO₂ cylinder will last around 20 days. **The CO₂ tank must be sourced separately.**

SAVE CO₂ CONSUMPTION WITH THE BG-CO₂ TIMER

The **BG-CO₂ -Timer** saves you CO₂ by programming up to two time slots. Observe peaks in mosquito activity to customize the best time slots.

HOW LONG DOES A CO₂ BOTTLE LAST WHEN USING THE BG-CO₂ TIMER?

The duration depends on the size of the bottle, the number of traps connected with the bottle and the time window you have set-up (level of nuisance and the mosquito species).

Example for a 10 kg CO₂ bottle:

WHICH CO₂ SOURCE CAN I USE?

- Usually, you can use CO₂ bottles (e.g., 10 kg bottles), available from specialist retailers or online.

EU authorisations for using CO₂ as an attractant in our Biogents traps:

AT, BE, CH, ES, FI, IT, NL, NO, PT, SE: EU-0028462-0000

DE: EU-0028462-0000-VZ | DK: 1077-2

FR: FR-2023-0004

Recommended periods for CO₂ emissions:

Estimated lifespan of a 10kg CO₂ cylinder:

	Recommended periods for CO ₂ emissions:	Estimated lifespan of a 10kg CO ₂ cylinder:
TIGER MOSQUITOES	8:00 - 10:00 16:00 - 23:00	1 trap ⇒ 50 days 3 traps ⇒ 15 days
HOUSE MOSQUITOES	3:00 - 5:00 20:00 - 24:00	1 trap ⇒ 80 days 3 traps ⇒ 25 days
FLOOD WATER MOSQUITOES	7:00 - 23:00	1 trap ⇒ 30 days 3 traps ⇒ 10 days

*The CO₂ tank must be sourced separately.

BG-COUNTER MONITORING

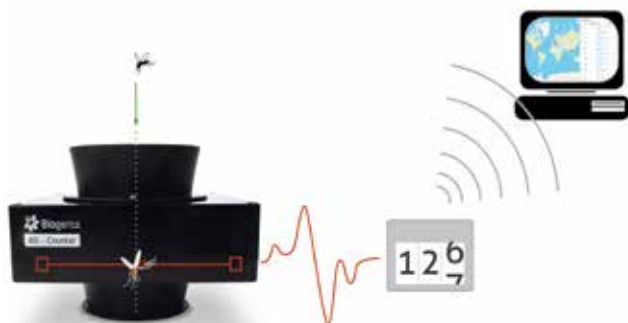


BG-COUNTER, #10805



The BG-Counter offers remote monitoring with automated mosquito counting from anywhere, at any time, with online software and analysis.

It differentiates mosquitoes from other insects, counts them, and wirelessly transmits the results to a cloud server.



If you want to use a BG-Counter for mosquito control applications, not solely for monitoring, please contact sales@biogents.com.

THE BG-COUNTER APP

Manage your traps with our web application: Detailed data sent every 15 minutes allows you to better understand the local mosquito activity patterns and control mosquitoes more efficiently.

Monitoring advantages:

- Automatic reports of mosquito counts
- High accuracy
- Virtual trap management
- Set up CO₂ time schedules for your trap remotely
- Analyze your comprehensive data

- » **Precise monitoring**
- » **More effective control**
- » **Better control for less money**

STATE-OF-THE-ART TECHNOLOGY FOR MAXIMUM EFFICIENCY



Easy trap management with in depth analysis

WHAT DO I NEED FOR THE BG-COUNTER?

- **BG-Protector 12 V, Ppower supply**
The BG-Counter is mounted on the top of a BG-Protector 12 V
- **Pressure regulator**
CO₂ is mandatory for the BG-Counter. The CO₂ release is regulated by the pressure regulator
- **Rain shield:** We highly recommend the rain shield together with the BG-Counter
- **BG-Counter annual subscription fee**
The annual service for the BG-Counter web application includes the data communication, cloud storage, and web service.
Mandatory for the use of the BG-Counter

PLEASE NOTE

Please note: The BG-Counter cannot be used within a trap network. It is to be installed on a stand-alone trap.



BG-GAT Reflect-Tech

A NON-ELECTRIC TRAP TO REDUCE REPRODUCTION OF TIGER MOSQUITOES



REFILL

- **Sticky Cards** (each effective for 2 weeks) are available in sets of 10 (already included in the BG-GAT Reflect-Tech Set of 12)

OUR RECOMMENDATION

- **BG-Protector 12 V:**
Combine 1x BG-Protector with 2x BG-GAT Reflect-Tech: different approaches - double effectiveness

BG-GAT Reflect-Tech,

#12652 (Set of 12)



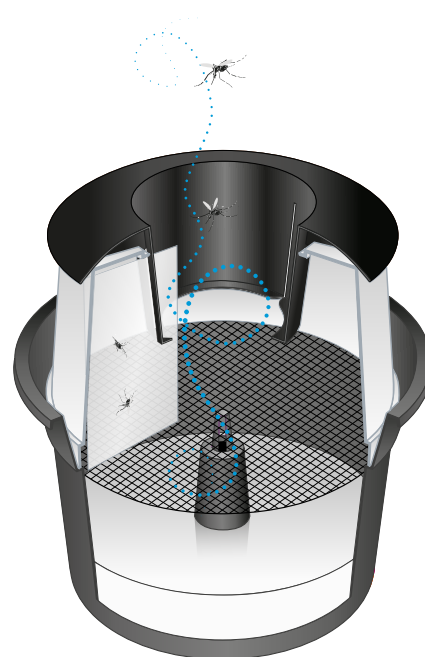
Biogents' non-electric BG-GAT Reflect-Tech trap is specifically developed to reduce the reproduction of tiger mosquitoes. It is ideal for mass trapping in combination with suction traps and for citizen projects.

- Especially effective against tiger mosquitoes
- Affordable and easy to set up
- No power supply or CO₂ needed
- Optimal in combination with the BG-Protector 12 V
- New Reflect-Tech technology

HOW DOES IT WORK?

The trap imitates a breeding site:

- Mosquitoes that want to lay their eggs are attracted by the water and oviposition cues of the trap.
- Once inside the trap, the mosquitoes stick to the adhesive surface of the card.



In a humid, shady area
and close to plants



Sheltered from
wind and sun

TRAP NETWORKS



MORE EFFECTIVE, MORE PRACTICAL, PROFESSIONAL!

MORE EFFECTIVE

With trap networks, mosquito control gets professional!

Trap networks are scalable to suit each property size and various levels of infestation. You can customize the optimal solution for each of your customers and meet their satisfaction.

MORE PRACTICAL

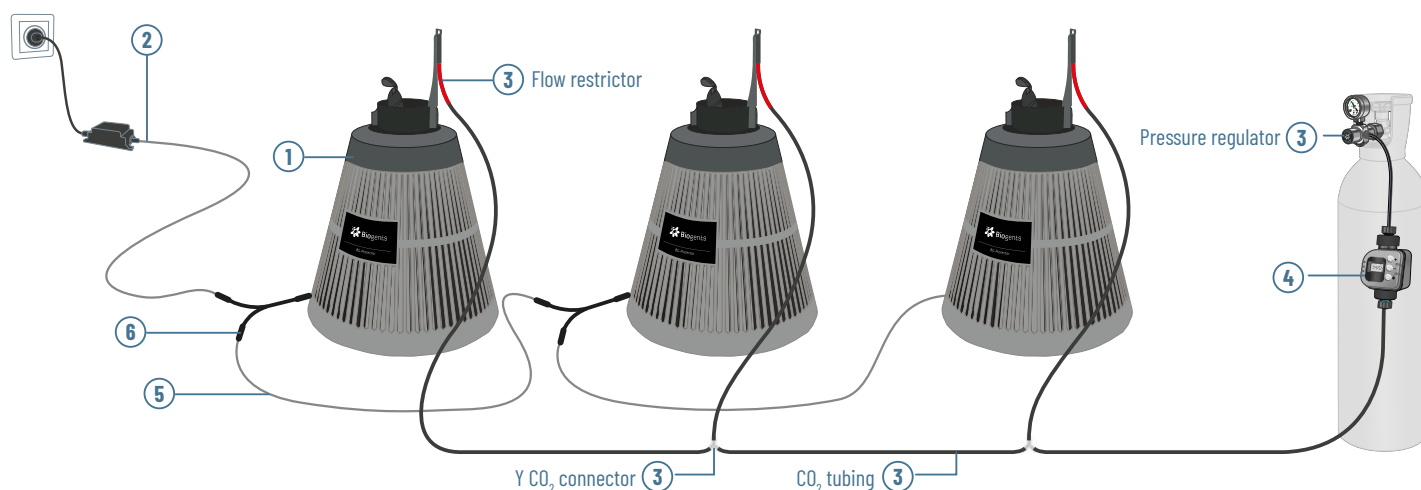
For you as professional, trap networks have additional advantages:

You can use one single plug and one CO₂ source for several traps. Installation and maintenance become much easier and efficient and you are less dependent on the availability of outdoor plugs.

WHAT DO I NEED FOR A TRAP NETWORK?

Type	1 trap	Network of 2 traps	Network of 3 traps	Order No.
① BG-Protector 12 V	1	2	3	12280
② Power supply	1	1	1	14084
③ BG-Booster CO ₂ Pro (with flow restrictor, straight and Y CO ₂ connectors, CO ₂ tubing 20 m)	1	1	1	12091
④ BG-Timer	1	1	1	10306
⑤ Extension cable	-	1	2	12735
⑥ Y-shaped power cable connector	-	1	2	12736
BG-Mozzibait set of 10 sachets	1	1	1	10608

For a network with more than 3 BG-Protector 12 V traps, please contact sales@biogents.com



Please note: The BG-Counter cannot be used within a trap network. It is to be installed on a stand-alone trap.

HOW MANY TRAPS DO I NEED?

It all depends on the number of mosquitoes and the landscape design. General rule: One trap with CO₂ covers an area of up to 700 m². If you plan to protect an outdoor area with a trap network, we recommend placing one trap every 15-20 m.



COMMUNICATION AND PROTECTION

» COMMUNICATION PLATFORM

» PROTECTION ENCLOSURE

A ROBUST STATION THAT SERVES BOTH PURPOSES



OUR RECOMMENDATION

- Best to be used with a BG-Protector 12 V, a BG-Counter for monitoring purposes and a solar system

METAL ENCLOSURE, #12748



Ideal for cities, municipalities or professionals

- **Communication platform: You invest in your citizens' / customers' wellbeing – make it visible.**
 - Inform your citizens or customers about your anti-mosquito measures:
The high-quality metal enclosure serves as a professional communication surface, allowing you to showcase your mosquito reduction initiatives and emphasize your commitment to providing a safe and comfortable experience.
- **Protect the trap and BG-Counter against vandalism.**
 - For public areas or additional needs for trap protection.

PRODUCT OVERVIEW



BG-Protector 12 V

Type	Order No. / Content
BG-Protector 12 V	12280 1x BG Protector 12V 1x emitter nozzle 2.0 2x catch bags 1x funnel net without power supply Compatibility with BG-Counter and solar system



For a network with more than 3 BG-Protector 12 V traps, please contact sales@biogents.com

Power supply	14084 (EU), 14088 (UK), 14089 (US) 1x power supply (12 V, 1 A, IP 67 waterproof, Typ III) Improved plug with easier handling
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BG-Booster CO ₂ Pro to be used with up to 3 traps	12091 (EU), 12092 (US) 1x single pressure regulator 3x flow restrictor 2x straight CO ₂ connectors 2x T-shaped CO ₂ connectors 2x CO ₂ tubing 20m
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BG-CO ₂ Timer	10306 1x BG-CO ₂ Timer with a display and buttons to save CO ₂ by programming up to two time slots, two connections to the CO ₂ tubes (9 V battery is NOT included)
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BG-Mozzibait set of 10	10608 10x BG-Mozzibait sachets (each sachet lasts up to 2 months) Registered in the EU Ensure continuous protection—remember, your trap only works with an active lure. Renew every 2 months! SAVER SET: Less plastic, more cost-effective
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PRODUCT OVERVIEW

Type	Order No. / Content	
Metal enclosure black	12748 1x metal enclosure (dimensions: 129 x 89 x 45 cm) Secure your trap against vandalism Best to use with BG-Protector and solar system	
Solar system 3.0 (for metal enclosure and BG-Counter)	11761 2x solar panels 50 W 1x charge controller NEW mounting accessories without battery	  NEW
Solar battery	10766 1x solar battery 12 V, 90 Ah	
BG-Counter monitoring version	10805 1x BG-Counter monitoring version, 12 V 1x funnel net 1x emitter nozzle 2.0 1x 2 m CO ₂ tubing 2x cables 2x clamps Compatible with solar system	
BG-Counter annual subscription fee	10752-1 The annual service for the BG-Counter web application includes the data communication, cloud storage, and web service Necessary for the use of the BG-Counter. Easy trap management with in depth analysis	
Pressure regulator for use with the BG-Counter	11090 (EU), 11093 (US) 1x pressure reducing regulator with pressure gauge and knob to adjust pressure and CO ₂ flow rates	
Rainshield for use with the BG-Counter or BG-Protector	11023 1x rainshield 1x emitter nozzle The rainshield can be attached to the funnel via the nozzles of this set and the BG-Protector.	 

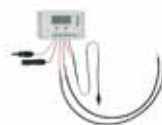
PRODUCT OVERVIEW



Type	Order No. / Content	
Winter covering for BG-Protector	11021 1x winter covering in black for the BG-Protector Not compatible with BG-Protector 6 V	
Set of 2 catch bags and 1 funnel net	400060 2x catch bag 1x funnel net	
Catch bag	10060 multiples of 50 pieces	
Funnel net	10062 multiples of 50 pieces	
Suction funnel	10253 1x suction funnel with shutter	



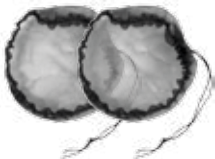
PRODUCT OVERVIEW

Type	Order No. / Content		
Extension cable	12735 1x extension cable Typ III To use with the power supply unit or the battery mounting cables. Length is 15 m. Improved plug with easier handling		
Y-shaped power cable connector	12736 1x Y-connector Typ III To connect multiple traps or the CCU to one power supply unit. Improved plug with easier handling		
CO ₂ flow restrictor tube	20061 1x CO ₂ tube (10 cm) with sinter plug to regulate the flow of CO ₂ from the pressure reducing regulator to 20.8 g/h		
Carbon dioxide tubing	10072 1x carbon dioxide tubing 20 m		
T-Shaped connector for CO ₂ tubing	14078 1x T-shaped connector for the CO ₂ tubing		NEW
Straight connector for CO ₂ tubing	14077 1x straight connector for the CO ₂ tubing		NEW
Single solar panel	10756-1 1x solar panel 50 W Biogents recommends 2x 50 W (100 W) solar panels to run one BG-Protector 12 V with or without BG-Counter		
Solar charge controller	12757 1x solar charge controller IP68		NEW

PRODUCT OVERVIEW



BG-GAT Reflect Tech

Type	Order No. / Content	
BG-GAT Reflect-Tech Neighbourhood - set of 12	12652 12x BG-GAT Reflect Tech 6x set of 10 Sticky Cards	6x  12x 
Sticky Cards for BG-GAT - set of 10	10734 10x Sticky Cards per set Compatible with all versions of BG-GAT Maximum effectiveness with a renewal every two weeks	
BG-GAT barrier net - set of 2	400651 2x barrier net	

CONTACT

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Germany

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e-mail: sales@biogents.com

- International patents granted and pending -
- © 2026 Biogents AG - all rights reserved -

ORDERING INFORMATION

Pricing and Taxes

All listed prices are exclusive of VAT (Value Added Tax). VAT applies only to EU customers who do not provide a valid VAT identification number. Non-EU customers and EU customers with a VAT ID will not be charged VAT.

Shipping and Transport

Shipping Charges: Shipping costs depend on the order quantity, destination, and shipping method. These charges are not included in the product prices and will be calculated and provided at checkout.

Transport Arrangements: Biogents can arrange transport on behalf of the customer as an additional service. This service is quoted separately. Alternatively, customers are welcome to organize transport independently if preferred.

Payment Terms

Payments should be made in Euros (€), preferably by wire transfer. We recommend using the SWIFT (Society for Worldwide Interbank Financial Telecommunication) system for international payments, which is widely supported by banks worldwide and provides a secure, efficient way to complete transactions.

Accepted Payment Methods

Wire Transfer: Our preferred and primary payment method.

Credit Card: Direct credit card payment is accepted in our online webshop.

