



THE *ExHale* HOMEGROWN CO₂®

ExHale, The Original CO₂ Bag, delivers months of steady CO₂ right where you need it. It's affordable and maintenance-free, boosting yields by 20-30% without requiring electricity or producing heat.

**NATURAL CO₂,
REMARKABLE
RESULTS.**



www.exhaleco2bags.com

Unlocking Bigger Yields with Natural CO₂

Fresh, inexpensive CO₂
right where you need it.



THE **ExHale**
HOMEGROWN CO₂®



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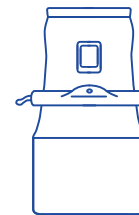




The ExHale CO₂ Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



THE *ExHale*
HOMEGROWN CO₂®



**PRE-ACTIVATED
READ TO USE**

The Original CO₂ Bag

Elevate your indoor garden with the ExHale, The Original CO₂ Bag, the pioneering solution for natural, hassle-free carbon dioxide supplementation. Designed for small to medium grow spaces, this original-sized bag effortlessly provides a steady stream of CO₂ for six months, guaranteed.

Powered by a unique mycelial mass, the bag releases CO₂ 24/7 through a microporous breather patch, requiring no refills, electricity, or expensive equipment.

Perfect for a 4x4-foot or 128-cubic-foot area, it supports 4-6 plants through vegetative and flowering stages, boosting photosynthesis for healthier, larger yields. Use the included freshness seal hanger to hang the ExHale slightly above your plants, and let ExHale do the rest—maintenance-free, organic, and made in the USA. Bring nature's breath to your grow with the CO₂ bag that started it all!



6 months of
steady CO₂



4 lbs



1300ppm



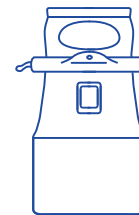
Bag Dimensions
8" x 5" x 14"



4' x 4' sq ft
(120 cubic ft)



6 Months
Guaranteed!



**ACTIVATE
WHEN YOU'RE
READY!**

The ExHale 365 Bag

Plan your next grow well in advance with the ExHale 365 CO2 Bag, an evolution of the Original CO2 Bag designed for year-round success. This innovative bag features our award-winning ExHale Strain mycelial mass, separated from the substrate to extend shelf life and activate on your schedule.

Once activated—by sliding the mycelium into the substrate—it begins enveloping and consuming the material, a process completed in 30-45 days. From there, it delivers peak CO2 production 24/7 for six months-guaranteed. Requiring no electricity, refills, or expensive equipment—just pure, organic CO2 as nature intended.

Tailored for a 4x4-foot (128-cubic-foot) space, it supports 4-6 plants through all growth stages, boosting photosynthesis for healthier, more abundant yields. Its unique separation seam/hanger allows precise CO2 placement above your canopy. Maintenance-free, made in the USA, and rooted in the Original's legacy, this is CO2 redefined for today's grower.



The ExHale CO2 Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



6 months of
steady CO2



4 lbs



1300ppm



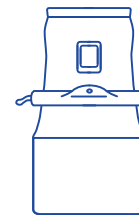
Bag Dimensions
8" x 5" x 14"



4' x 4' sq ft
(120 cubic ft)



6 Months
Guaranteed!



**OUR LARGEST BAG
PRE-ACTIVATED
READY TO USE!**

The XL Bag

Supercharge your indoor garden with the ExHale XL CO2 Bag—our largest bag! The XL bag is the ultimate solution for natural, effortless CO2 enrichment in larger grow spaces. Tailored for expansive setups, this oversized cultivator delivers a larger amount of CO2 than our Original Bag for six months, guaranteed.

Designed to cover up to 36 square feet (6x6-foot area), it's perfect for supporting 6-8 plants through vegetative and flowering phases, amplifying photosynthesis for robust growth and bigger yields. Simply place it in your grow space—slightly above your plants—and let it work its magic, maintenance-free, bringing nature's vitality to your garden. Organic, made in the USA, and built for growers who think big, the ExHale XL Bag takes CO2 supplementation to the next level.



The ExHale CO2 Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



6 months of
steady CO2



11 lbs



1300ppm



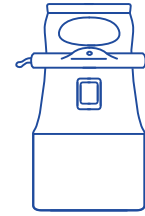
Bag Dimensions
10" x 5" x 18"



6' x 6' sq ft
(288 cubic ft)



6 Months
Guaranteed!



**OUR LARGEST BAG
THAT LASTS
EVEN LONGER**

The XL 365 Bag

The ExHale XL 365 CO2 Bag combines the shelf-life of the ExHale 365 bag with the power of the XL Bag. Plan your next grow well in advance with the XL bag for year-round success. This innovative bag features our award-winning ExHale Strain mycelial mass, separated from the substrate to extend shelf life and activated on your schedule for an extended 7-9 months.

Once activated—by sliding the mycelium into the substrate—it begins enveloping and consuming the material, a process completed in 30-45 days. From there, it delivers peak CO2 production 24/7 for six months-guaranteed. Requiring no electricity, refills, or expensive equipment—just pure, organic CO2 as nature intended.

Perfect for up to 36 square feet (6x6-foot area), it supports 6-8 plants through every growth stage, supercharging photosynthesis for healthier plants and maximized yields. Proudly made in the USA, the XL 365 Bag ensures CO2 is right where you need it, when you need it, redefining grow-room essentials for the serious cultivator.



The ExHale CO2 Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



6 months of
steady CO2



11 lbs



1300ppm



Bag Dimensions
10" x 5" x 18"



6' x 6' sq ft
(288 cubic ft)



6 Months
Guaranteed!



**OUR LARGEST BAG
WITH MAXIMUM
CO₂ OUTPUT**

The ExHale MAX Bag

Overpower your garden with the ExHale MAX CO₂ Bag, a high-performance solution for powerful, natural CO₂ supplementation. Built for larger or high-demand grow spaces, this robust cultivator uses an enlarged breather patch to deliver a guaranteed heightened flow of clean, potent CO₂ for 4 months.

Fueled by our patented mycelium strain, the MAX Bag unleashes CO₂ 24/7 through an extra-wide microporous breather patch, boosting output without the need for refills, electricity, or expensive systems.

Perfect for up to 36 square feet (6x6-foot area), it supports 6-8 plants through vegetative and flowering stages, turbocharging photosynthesis for vigorous growth and exceptional yields. Simply place it in your grow space—slightly above your plants—and let it work, hassle-free. Organic, made in the USA, and engineered for maximum impact, the ExHale MAX Bag is the choice for growers who demand more.



The ExHale CO₂ Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



6 months of
steady CO₂



11 lbs



1500ppm



Bag Dimensions
10" x 5" x 18"



6' x 6' sq ft
(288 cubic ft)



6 Months
Guaranteed!



**OUR LARGEST BAG
WITH MAXIMUM
CO₂ OUTPUT**

The ExHale MAX 365 Bag

The ExHale MAX 365 CO₂ Bag combines the high-output qualities of the MAX bag with the shelf-life of the ExHale 365 bag. This powerhouse provides a robust flow of clean CO₂ for a guaranteed 4 months. Activate on your schedule.

Once activated—by sliding the mycelium into the substrate—it begins enveloping and consuming the material, a process completed in 30-45 days. From there, it delivers peak CO₂ production 24/7 for 4 months-guaranteed. Requiring no electricity, refills, or expensive equipment—just pure, organic CO₂ as nature intended.

Ideal for up to 36 square feet (6x6-foot area), it supports 6-8 plants through vegetative and flowering stages, driving photosynthesis for stronger growth and superior yields. Simply place it in your grow space—slightly above your plants—and let it hit peak production in 30-45 days, all hands-free. Organic, made in the USA, and designed for growers who need more, the MAX 365 Bag combines relentless CO₂ power with effortless simplicity.



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6 months of
steady CO₂



11 lbs



1500ppm



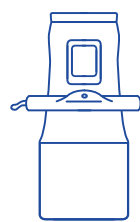
Bag Dimensions
10" x 5" x 18"



6' x 6' sq ft
(288 cubic ft)



6 Months
Guaranteed!



**FOR CLONE DOMES
AND SMALL
GROW SPACES**

The Micro Bag

Nurture your smallest plants with the ExHale Micro CO2 Bag, a gentle, natural solution for CO2 supplementation tailored to seedlings, cuttings, and petite grows. Perfect for compact spaces, this pint-sized bag delivers a harmonious stream of CO2 for 3 months, guaranteed.

Powered by a potent mycelial mass, it releases CO2 24/7 through a microporous breather patch, requiring no refills, electricity, or complex setups.

Designed to fit seamlessly in a standard cutting tray with a dome, it supports your delicate plants through their earliest stages, enhancing photosynthesis for stronger roots and healthier starts. Place it in your tray, cover it with a dome, and let it work its magic. Maintenance-free, organic, and made in the USA, the ExHale Micro Bag is the perfect companion for growers seeking big results.



The ExHale CO2 Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



3 months of steady CO2



2 lbs



1000ppm



Bag Dimensions
8" x 5" x 3"



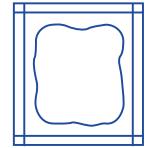
1' x 1' sq ft



3 Months
Guaranteed!



THE **ExHale**
HOMEGROWN CO₂®



**FOR AQUARIUMS
AND UNDERWATER
PLANTS**



The Aqua Bag

The ExHale Aqua is a compact 2x2" CO₂-emitting bag designed to enhance underwater plant growth in fish tanks. Encasing a mycelium and substrate blend in a water-sealed pouch, it safely releases CO₂ into the water to promote vibrant aquatic plants without compromising tank integrity. Discreet and easy to conceal, the ExHale Aqua provides a steady CO₂ supply for up to 3 months, making it a must-have for aquarium enthusiasts cultivating lush underwater gardens.

Effortless and eco-friendly, the ExHale Aqua eliminates the need for complex CO₂ systems, offering a natural, non-toxic solution for aquariums. Its small size and durable, water-tight design ensure seamless integration into any tank, delivering consistent CO₂ to support healthy plant growth.

Get one today and transform your aquarium into a thriving underwater oasis!



The ExHale CO₂ Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



3 months of
steady CO₂



2 lbs



1000ppm



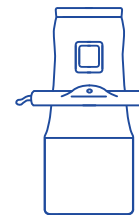
Bag Dimensions
8" x 5" x 3"



1' x 1' sq ft



3 Months
Guaranteed!



**FOR VECTOR
CONTROL**

The Lure

The ExHale CO2 Lure revolutionizes vector control with a compact, mycelium-based CO2 emission system that attracts mosquitoes for surveys. Smaller than the standard ExHale bag but equally durable, it offers a safe, non-toxic, and cost-effective alternative to dry ice. Choose pre-activated for instant use or delayed-activation for planned surveys, with up to 6 months of consistent CO2 output. (Trap & container not included.)

Effortless and economical, the ExHale CO2 Lure eliminates the complexity of traditional methods, saving time and money. Its natural, environmentally friendly design ensures safe use in any setting, while flexible options and competitive pricing make it ideal for mosquito monitoring professionals.

Get one today and streamline your vector control strategy!



The ExHale CO2 Bag contents are fully compostable, making it an eco-friendly choice for sustainable growers. After its lifespan, simply remove the contents and mix them into your compost pile or use as a soil amendment. The bag can be recycled through your local recycling center. This reflects ExHale's dedication to green gardening and a healthier planet.



3 months of
steady CO2



2 lbs



1000ppm



Bag Dimensions
8" x 5" x 3"



1' x 1' sq ft



3 Months
Guaranteed!

The CO₂ Plants Love!

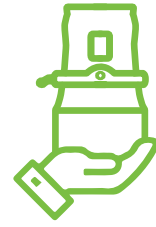
Boost Growth and Potency, with Natural CO₂



THE **ExHale**
HOMEGROWN CO₂®

TIPS

The ExHale Basics



Placement

- Hang 12-18 inches above your plants
- Position where CO₂ can fall downward onto plants

CO₂ Behavior

- CO₂ falls downward
- CO₂ is heavier than air
- Use fans to distribute CO₂ evenly
- Place near intake on floor in vented tents for even CO₂ spread.

Ventilation

- Put vents higher up
- Place exhausts higher to manage CO₂ density

Growing Environments

- Works in greenhouses
- Works in grow tents
- Works in open spaces
- Best in semi-enclosed areas
- Works in vertical farms
- Works in indoor gardens

Choosing the Right Bag

- Use the Original Bag for spaces up to 4x4 feet
- Use the XL or MAX Bag for larger spaces
- Use multiple bags for even bigger areas

Suitability

- Suitable for hobbyist growers
- Suitable for commercial growers

Optimization Tips

- Keep temperature between 70-90°F (21-32°C)
- Avoid direct sunlight
- Avoid placing near heat sources
- Hang near the top in grow tents
- Place above plant rows in greenhouses
- Position at different heights in vertical farms

Additional Uses

- Can be used as a vector lure

Maintenance

- Requires no electricity
- Requires no maintenance
- Produces CO₂ for up to 6 months
- Replace every 6 months

Safety

- Safe and non-toxic
- Made with natural mushroom composting
- Do not puncture or open the bag

Eco-Friendly

- Uses organic materials
- Environmentally friendly CO₂ production
- Recycle the bag contents after its life cycle.

CO₂ Management

- Use a CO₂ monitor to keep levels between 1200ppm - 1500ppm.
- Match bag usage to room size to avoid excess CO₂.

Environmental Setup

- Seal grow room to retain CO₂.
- Manage heat with fans or cooling.
- Optimize light, nutrients, and water for best results.

Safety for Users

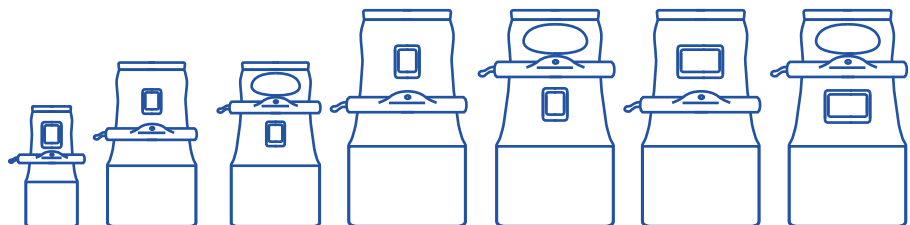
- Ventilation is necessary while working in your grow space as high CO₂ levels can be harmful to humans.

Scheduling

- Replace bags with planting cycles for steady CO₂.
- Allow 20 days for new bags to reach peak output.
- Plan replacements as output drops after 5-6 months.

Storage

- Store in a cool, dry place when not in use



FAQ

Frequently Asked Questions



Why aren't my CO₂ levels increasing as expected?

Ensure the bag is properly activated (for 365 series), placed slightly above plants, and that your grow space size matches the bag's capacity. Check for excessive ventilation, which can dissipate CO₂.

Is it normal to see moisture inside the bag?

Condensation is expected due to mycelial activity. Excessive moisture may indicate a problem; contact customer support for assistance.

How can I tell if my ExHale bag is working?

Look for a whitish appearance on the bag, indicating active CO₂ production. Use a CO₂ meter for precise measurement in your grow space. Check the date on the bag.

Where should I place the ExHale bag in my grow space?

Hang the bag slightly above your plants using the included hanger. Since CO₂ is heavier than air, it will fall onto your plants as it is released from the bag through the breather patch.

Can I use multiple ExHale bags in a larger grow space?

Yes, for areas larger than the bag's designed coverage (e.g., beyond 4x4 ft for Original), use multiple bags, ensuring even distribution for consistent CO₂ levels.

What is the shelf life of an ExHale bag before activation?

Unactivated bags can be stored for up to 6 months in a cool, dry place. Check the label for the specific "use by" date to ensure effectiveness.

What if I receive a bag that seems old or expired?

Check the expiration date on the label. If it's near or past expiration, contact the seller for a replacement.

Is the ExHale bag safe to use around pets and children?

The bag is safe, containing natural, non-toxic materials. However, keep it out of reach of children and pets to prevent tampering or accidental ingestion.

How do I activate the ExHale 365 bag?

Slide the hanger off the bag and work the mycelium spawn pod down and into the substrate per the label instructions to initiate growth and CO₂ production, typically taking about 30-45 days to reach peak output.

What if my bag arrives already activated or with a short expiration date?

Contact customer support for a replacement or refund if the bag is activated upon arrival or has an imminent expiration date.

How does ventilation affect the bag's effectiveness?

Excessive ventilation can reduce CO₂ levels. For optimal results, minimize ventilation or use the bag in a sealed grow space.

Can the bag be used during both light and dark periods?

Yes, the bag produces CO₂ continuously. Plants utilize CO₂ during photosynthesis (light periods), but there is no harm in having it during dark periods.

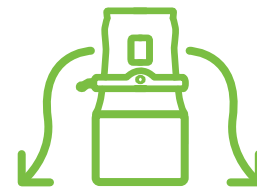
How do I hang the bag if there are no reinforced holes?

Use the included freshness seal hanger or find a secure way to position the bag slightly above your plants.

Why might my plants show no growth difference with the bag?

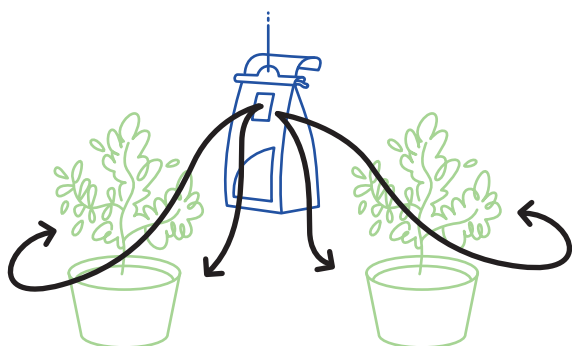
This could be due to an old or expired bag, improper placement, or excessive ventilation. Ensure the bag is fresh and used in a sealed, appropriately sized space.

CO₂ Positioning Your Bag



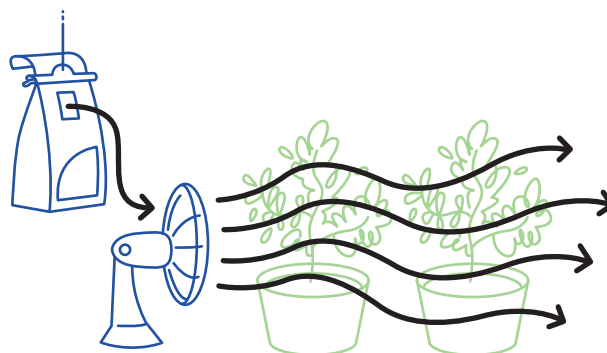
In enclosed spaces

Position your bag above your plants. CO₂ falls from the bag as it is heavier than air. Imagine a low lying fog.



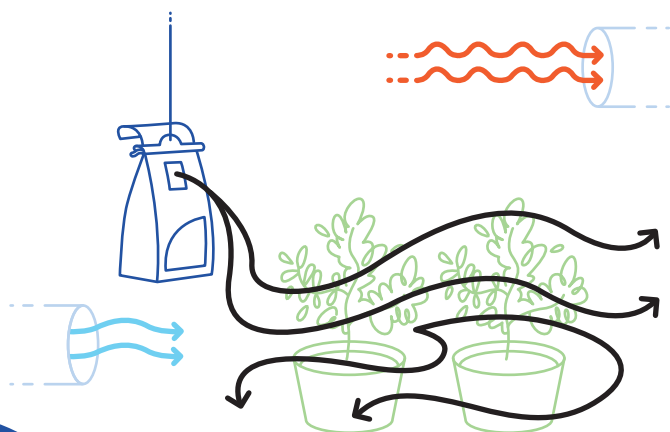
With Fans

Hang your bag above your fan. This will circulate the CO₂ efficiently around the room/space.



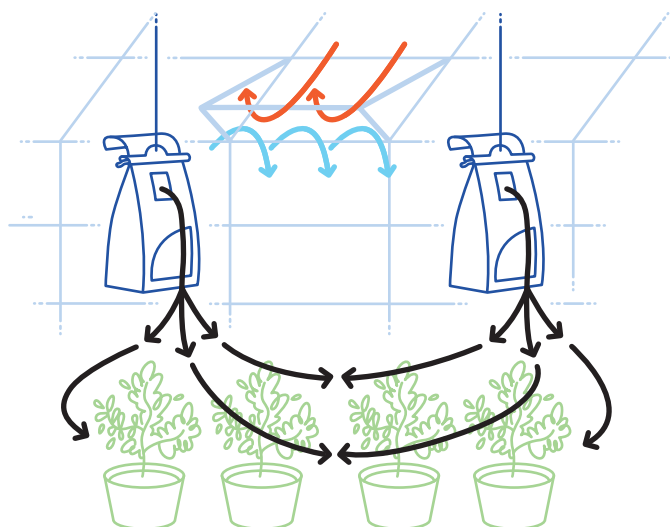
With intake & exhaust

Place the bag near your intake to help your CO₂ circulate throughout your room/space. A higher exhaust port lets hot air escape while leaving behind most of your precious CO₂.



Greenhouses

Hang ExHale bags evenly above for plants for even coverage.

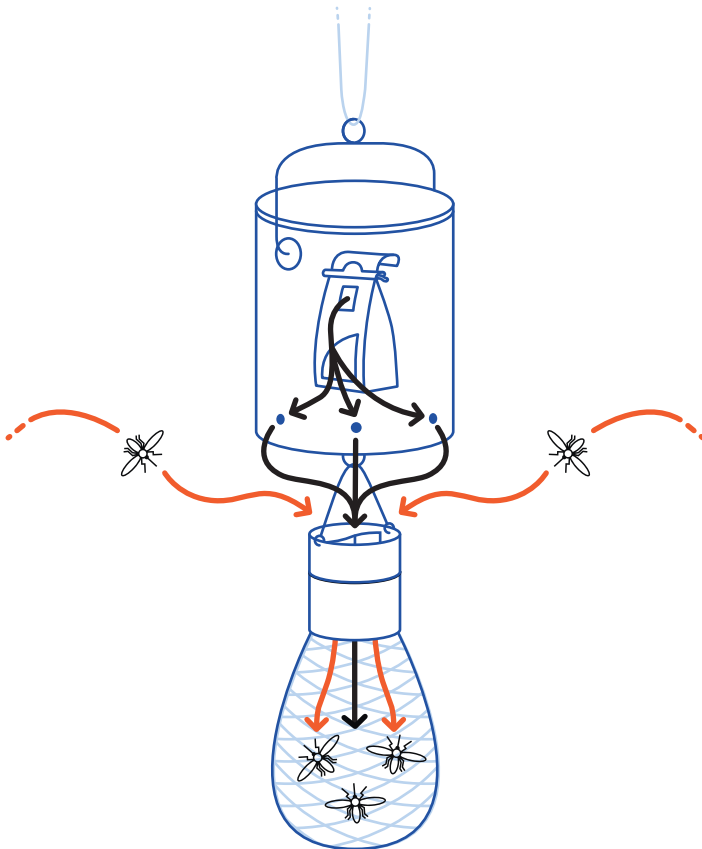


AND Other Potential Uses



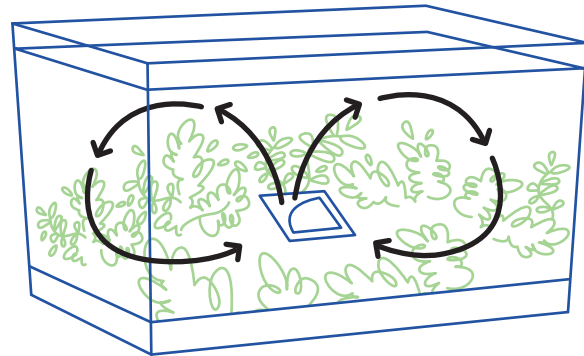
CO2 Lure

A vector trap uses CO2 to lure mosquitoes into a net, where airflow from a fan traps them. Placing the ExHale CO2 bag in a bucket above the trap ensures steady CO2 release through holes, mimicking human breath to attract mosquitoes effectively.



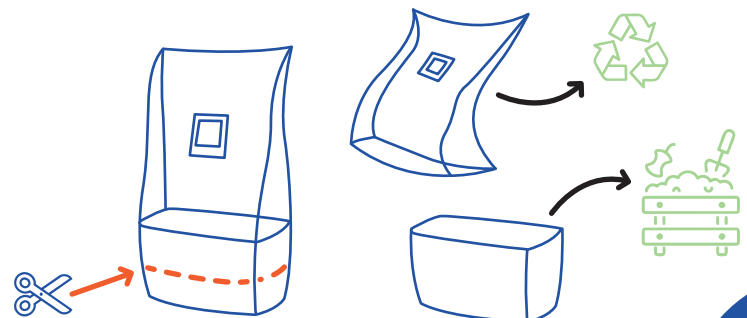
Aquatic CO2

The ExHale CO2 Aqua Bag, submerged in your aquarium, releases carbon dioxide to boost aquatic plant growth through enhanced photosynthesis. Simply place the small bag under a weight to keep it sunk, providing a steady CO2 supply for lush, vibrant plants.



Recycling

After use, cut out the organic material to compost and recycle the plastic for an eco-friendly cycle. The ExHale CO2 Bag, placed in a compost bin, releases carbon dioxide to accelerate microbial decomposition for richer compost.





THE EXHALE SPACE MISSION

From Earth to Orbit

In 2023, Florida Atlantic University (FAU) student engineers teamed up with Garden City Fungi to send ExHale CO₂ Bags into space. The mission? Test sustainable food production for long-term space trips, like Mars missions. Using CubeSats (think small satellites), they created a mini-grow chamber to test the potential of feeding and growing plants in zero gravity.

Why does this matter? Space is challenging—limited space, no natural CO₂, and every ounce counts. The engineers ditched bulky tanks for a lightweight, natural solution, which proved fungi can outsmart cosmic challenges. The CubeSats handled watering and nutrients, while ExHale kept the plants breathing easily.

Why Space Farming Rocks

Growing food in space isn't sci-fi—it's the future. Plants scrub CO₂, produce oxygen, and feed astronauts, making long missions possible. ExHale's role in FAU's CubeSat experiment (dubbed their "life science research" project) hints at a bigger vision: self-sustaining habitats beyond Earth. While results are still orbiting in research land as of March 2025, early signs say our bags crushed it, delivering steady CO₂ in the harshest conditions imaginable.

But here's your real win: that space-proven reliability is in every ExHale bag. Whether growing basil in a basement or cannabis in a greenhouse, you're tapping into tech that's been to the stars. Hang one up, let the mycelium work, and watch your garden explode with growth.



A specially designed ExHale bag sits in the spacefaring grow chamber of an experimental CubeSat, a compact satellite engineered for space research.

The space mission underscores the ExHale CO₂ bags' versatility. They are a trusted, space-tested solution for enhancing plant growth in indoor settings, whether in grow tents, greenhouses, or extreme space conditions.



Growing big
is what we do.



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HOMEGROWN CO₂®



www.exhaleco2bags.com