

# CONSISTENT CULTIVATION MIXES FOR EXTREME PERFORMANCE



ALL THE RICHES OF THE EARTH®



**SUNSHINE®**  
**MIX #4**

Consistent Cultivation Mixes  
for Extreme Performance

**sunagro®**  
HORTICULTURE

*Our Expertise is Growing®*



# Developed to be the best performing grow mixes on the market

**Grow with Confidence**  
Sun Gro Horticulture is North  
America's leading supplier of  
superior growing products.



Each product is meticulously formulated to meet the needs of grower professionals, yet they're so easy to use that even beginning gardeners achieve success.

Whether you've got vegetables in fabric containers or large patio pots or an entire herb garden indoors under lights, Sun Gro mixes will help you grow bountiful harvests with outstanding results.



## **Black Gold® Enriched All Purpose Potting Mix 0.13-0.04-0.13**

- Nutrient-rich blend of peat moss, earthworm castings, compost and perlite
- Great for indoor and outdoor houseplants
- Provides superior moisture retention, excellent drainage
- Specially formulated with a controlled release fertilizer that feeds plants for up to six months

### **Available Sizes:**

12.0 L (150/pallet), 28.3 L (80/pallet),  
56.0 L bag (45/pallet)

**Ingredients:** Canadian sphagnum peat moss, bark, compost, perlite, earthworm castings, dolomite lime and a controlled release fertilizer



## Black Gold® Natural & Organic Potting Mix

- Made from the finest ingredients for organic gardening
- Recommended for all your organic growing needs
- Enriched with earthworm castings and perlite
- Contains a mix of peat moss and compost in addition to an organic fertilizer to ensure optimum growth
- OMRI Listed® - for organic gardening

### Available Sizes:

28.3 L (80/pallet), 56.0 L bag (45/pallet)

**Ingredients:** Canadian sphagnum peat moss, perlite, bark, compost, earthworm castings, dolomite lime and an organic wetting agent



## Black Gold® Just Coir

- This natural soil amendment with high water-holding capacity is pure, processed, coconut coir
- The highest quality coir is reconstituted into a user-friendly, ready-to-use growing amendment
- OMRI Listed® - for organic gardening

### Available Sizes:

56.0 L bag (45/pallet)

**Ingredients:** Coconut coir



## Black Gold® Seedling Mix

- Highly refined organic seedling mix is an excellent growing medium for newly germinated seedlings
- Fine textured, water retentive yet porous, and low salt
- Includes an organic wetting agent to ensure uniform water penetration
- OMRI Listed® - for organic gardening

### Available Sizes:

20.0 L (120/pallet)

**Ingredients:** Canadian sphagnum peat moss, perlite, dolomite lime and an organic wetting agent





# SUNSHINE® MIX #4

Consistent Cultivation Mixes  
for Extreme Performance



## Sunshine® Mix #4 Professional Growing Mix

- High air capacity and fast drainage
- Ideal for water and salt sensitive crops or where frequent leaching is required
- Is a perfect make-your-own mix base
- Ready to Gro
- Contains RESiLiENCE®

### Available Sizes:

28.3 L (80/pallet), 56.0 L (45/pallet),  
3 CF (35 pallet), 3.8 CF (30 pallet)

Ingredients: Canadian sphagnum  
peat moss, perlite, dolomite lime



## Sunshine® Mix #4 with Mycorrhizae

- For indoor growing
- Contains horticultural grade perlite for greater porosity
- Our classic #4 boosted with Sun Gro's proprietary seven mycorrhizae species
- Contains RESiLiENCE®

### Available Sizes:

28.3 L (80/pallet), 56.0 L (45/pallet),  
3 CF (35 pallet), 3.8 CF (30 pallet)

Ingredients: Canadian sphagnum  
peat moss, perlite, dolomite lime,  
proprietary blend of endomycorrhizae  
and wetting agent



COMING  
SOON

## Sunshine® Advanced Mix #4

- Recommended for indoor growing
- Boosted with Sun Gro's proprietary blend of endomycorrhizae
- Retains moisture and improves root aeration and drainage
- Contains RESiLiENCE®

### Available Sizes:

56.0 L (45/pallet), 3 CF (35 pallet)

Ingredients: Canadian sphagnum  
peat moss, perlite, coir, dolomite,  
and proprietary blend of  
endomycorrhizae.



# Sunshine® Mix #4 products are professional, all-purpose growing mixes for all types of indoor or outdoor container crops.

These specialty performance mixes are designed for controlled-environment crops that need increased drainage. They are ideal for growing plants in a wide variety of container sizes, from small cell packs to large pots and fabric containers. Sunshine® Mix #4 mixes are also ideal for cutting propagation.



COMING  
SOON

## Sunshine® Mix #4 Natural & Organic Just Coir

- For indoor or outdoor growing
- 80% water-holding capacity
- Perfect make-your-own mix ingredient
- Neutral pH

Available Sizes:  
56.0 L (45/pallet)

Ingredients: Coir



NEW

## Sunshine® Mix #4 Natural & Organic Coco-Lite™

- For indoor or outdoor growing
- Coir-perlite mix for high water-holding capacity and aeration
- Contains RESiLIENCE®

Available Sizes:  
28.3 L (80/pallet), 56.0 L (45/pallet)

Ingredients: Coir, perlite and dolomite



COMING  
SOON

## Sunshine® Mix #4 Natural & Organic Ultra Coir

- For indoor and outdoor growing
- High water-holding capacity and good aeration
- Boosted with our proprietary blend of Endomycorrhizae
- Contains RESiLIENCE®

Available Sizes:  
28.3 L (80/pallet), 56.0 L (45/pallet)

Ingredients: Coir, Canadian sphagnum peat moss, perlite, fertilizer, dolomite and mycorrhizae





LET US SHOW YOU  
**HOW PLANTS  
GROWN WITH  
RESILIENCE<sup>®</sup>,  
ALREADY  
IN THE MIX,  
MAY RESULT IN\*:**



Shiv Reddy,  
Ph.D.



Ka Yeong,  
Ph.D.

- Earlier Flowering
- Better Root Growth
- Improved Resistance to Wilting

- Increased Stem Diameter
- And Quicker Recovery from Infrequent Watering

Compared to plants grown with added liquid potassium silicate – applied as a drench or foliar spray.

\*Results will vary by the kind of plant you grow and how you grow it.

**Consistent GROW MIXES  
for EXTREME performance.**



It's *already* in the mix<sup>™</sup>



# EFFECTS OF SILICON on Trichome Development

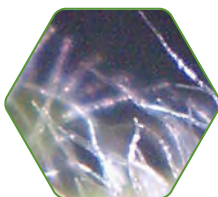
## INDIAN TOBACCO

Trichomes examined 6 weeks  
after transplant

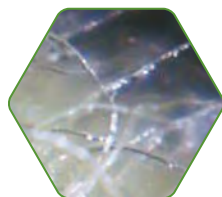
*Nicotiana rustica*  
(Indian Tobacco)



MIX



STANDARD  
MIX



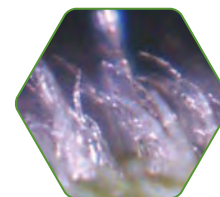
COMPETITOR  
MIX



MIX



STANDARD  
MIX



COMPETITOR  
MIX

### Trichomes on Flowers

- Trichomes of RESiLIENCE® plants had large, well-developed “heads” that were full of secretions (yellow-green color).
- The trichomes on plants that were grown in non-RESiLIENCE® mixes did not have any heads.

### Trichomes on Petioles

- Trichomes of RESiLIENCE® plants had large, well-developed “heads” that were full with secretions.
- With Standard Mix, trichome heads were smaller and most were empty.
- Competitor mix trichomes did not have any heads.



**INCREASED TRICHOMES...  
THICKER STEMS... IMPROVED ROOT MASS...  
ENHANCED WILT RESISTANCE**

Go to: [www.sungro.com/resilience](http://www.sungro.com/resilience) for more  
information on trichome trial results



# CONSISTENT CULTIVATION MIXES FOR EXTREME PERFORMANCE



**Customer Care**  
**1 800 PEAT MOSS**  
**(1-800-732-8667)**

**sungro**  
HORTICULTURE

*Our Expertise is Growing®*  
[cultivationmixes.com](http://cultivationmixes.com)

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