

# 2024 Sesame Grower Programs

*Next generation varieties,  
comprehensive planting seed programs &  
flexible crop marketing options for 2024*

## How sesame can add value in 2024

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Meet the latest additions to the variety lineup and review legacy favorites to secure the most value for your operation.

Choose from multiple crop marketing programs that balance price stability & market flexibility in securing crop revenue.

Review comprehensive planting seed programs including new financing options and best in class seed treatments.



# SESACO CORPORATION



## WHAT WE DO

### VARIETY DEVELOPMENT

1

Development of next generation varieties leveraging the latest in genomic technology with the surety of on farm trials to select the best lines for growers & end users.

2

### CROP PRODUCTION

Full-service agronomic support. Secured production through an established network of producers & service providers.

3

### US LOGISTICS & SUPPLY CHAIN

Fully traceable supply chain with just-in-time logistics.

4

### MANUFACTURING

Modern efficient seed cleaning facility with robust quality controls. GFSI certified.

5

### INGREDIENT SALES

Development of global market channels for US grown sesame.

6

### INDUSTRY SUPPORT

Work closely with the American Sesame Growers Association (ASGA) to register pesticides for use on sesame, expand crop insurance nation-wide, and lobby government entities on behalf of the sesame industry.

## WHO WE ARE

Since 1979, Sesaco has been focused on building an integrated supply chain to responsibly & sustainably increase sesame production & consumption. From seed to ingredient, our foundational purpose remains the same – *to advance the health of our planet through sesame.*





# PLANTING SEED PROGRAMS



Set yourself up for success with our comprehensive planting seed programs, featuring seed financing, treatment packages, and flexible replant policies

## SEED PRICE

The price of untreated Legacy varieties is unchanged for 2024. Next Generation varieties are available at a small premium. The cost of seed treatment has been increased in accordance with rising costs.

	LEGACY	NEXT GENERATION
Untreated	\$400 / bag (\$8 / Lb.)	\$500 / bag (\$10 / Lb.)
Treated	\$600 / bag (\$12 / Lb.)	\$700 / bag (\$14 / Lb.)

- **Legacy varieties:** S32, S39, S3251
- **Next generation varieties:** S2431, S2442

These prices are applicable only with a valid 2024 Sesaco Marketing Agreement. Seed is available for purchase without a Marketing Agreement for a \$6/lb. premium whereby the Producer is free to market the resultant production to outside parties for consumption applications. Seed use restrictions (<https://sesaco.com/restrictions>) remain in effect.

## SEED TREATMENT

Best in class seed protection featuring 4 combined Syngenta treatments (Fortenza®, Apron XL®, Vibrance® and Maxim®).



## SEED FINANCING

Seed financing programs will be available for 2024. Growers must have a valid 2024 marketing agreement & complete a financing application in advance to qualify.

## REPLANT POLICY

Seed purchased for a qualified replant is half price.

*Only applicable for seed purchased with a corresponding Sesaco Marketing Agreement*





# CROP MARKETING Programs

Choose the best crop marketing program for your operation

We offer various marketing options to the producer - from pre-season fixed price acreage contracts to open market production where the producer chooses when to set the price & where to market the crop.

1

## FIXED PRICE ACREAGE CONTRACT

Standard acreage contract with the commodity price fixed at the time the contract is signed. The best options to eliminate both production & market risk.

- Price & acres fixed at contracting
- No volume guarantee
- Producer agrees to sell 100% of production from a specified acreage at a fixed price
- Standard Act of God Clauses

2

## MARKET PRICE ACREAGE CONTRACT

Acreage contract with a market price component. The Act of God clause protects against production risk and the flexible price enables the producer to take more control over the timing on when a price is set. When combined with the price boundary option, downside price risk is protected.

- At producer's option, price fixed anytime between planting & up to 2 weeks after harvest
- Acres fixed at contracting
- No volume guarantee
- Producer agrees to sell 100% of production from a specified acreage at a price to be determined
- Standard Act of God Clauses
- Price Boundary Option

3

## OPEN MARKET - CASH BID

Modeled after the traditional grain cash bid system, this provides the producer the most flexibility in how and when to market the crop.

- Price fixed in accordance with current bid
- No acre guarantee
- Volume fixed
- Producer agrees to deliver fixed volume at fixed price in accordance with fixed delivery period
- No Act of God Clause, but possible to extend delivery period or roll-over contract to following crop year for a fee





# LEGACY *varieties*

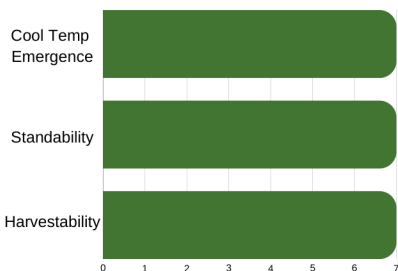
## Proven Performance

These legacy varieties have consistently performed year after year in diverse environments under a wide variety of growing conditions. These proven performers are the varieties by which all others are judged.

### S32

IND

There's a reason that S32 has been planted on more acres in the US than any other sesame variety. Highly versatile and widely adapted, S32 has proven performance time and time again over the last 20 years.



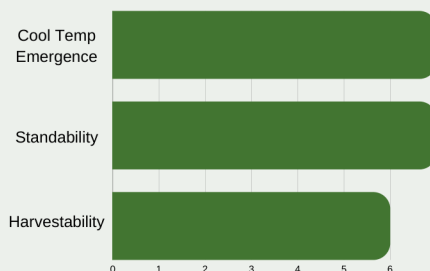
- **Maturity:** Medium-Early (110-130 days)
- **Seed Color:** White
- **Flower Color:** White
- **Suitable for:** Irrigated, dryland, primary crop, double crop, narrow row
- **Capsule Number:** Single
- **Yield Potential:** 1650 lbs/acre
- **Oil:** 48-50%
- **Key characteristics:** Mid maturity, widely adapted, proven dryland performance
- **Target region:** Widely adapted

IND = Improved non-dehiscent

### S39

IND

S39 has been the preferred variety in South Texas and longer season environments since 2015. With heavy branching, it excels in wider rows.

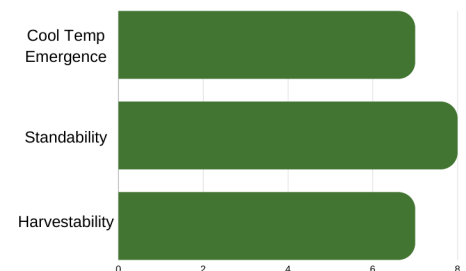


- **Maturity:** Medium-Late (120-140 days)
- **Seed Color:** White
- **Flower Color:** White
- **Suitable for:** Irrigated, dryland, primary crop
- **Capsule Number:** Single
- **Yield Potential:** 1800 lbs/acre
- **Oil:** 48-50%
- **Key characteristics:** Mid-late maturity, heavy branching, proven long season performance
- **Target region:** South Texas, Southeast

### S3251

IND

S3251 is the youngest of the legacy class. Released in 2021, it is widely versatile with superior yield potential and improved seed quality. It is the preferred variety for certain end users, thereby increasing marketability.



- **Maturity:** Medium-Early (110-130 days)
- **Seed Color:** White
- **Flower Color:** White
- **Suitable for:** Irrigated, dryland, primary crop, double crop, narrow row
- **Capsule Number:** Single
- **Yield Potential:** 1800 lbs/acre
- **Oil:** 50-52%
- **Key characteristics:** Mid maturity, Compact plant type, long capsules, superior yield potential
- **Target region:** Rolling Plains, Southeast





# NEXT GENERATION *Varieties*

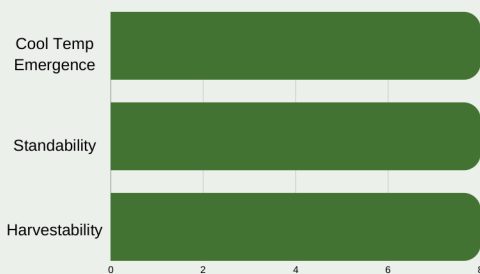
The Most Advanced Varieties Commercially Available

We are excited to announce the launch of two new varieties for the 2024 season. These selections have repeatedly demonstrated yields that are 10-15% higher than their respective legacy counterparts and a more stable seed quality even in stressed environments. We look forward to seeing how producers can integrate these products into their operation to enhance farm value.

**S2431**

IND

This versatile variety is suitable for primary or double crop, will perform in both dryland or irrigated environments and is well suited for narrower row spacing. In addition to improved yield potential, it's short stature and upright compact branches make for superior harvestability.

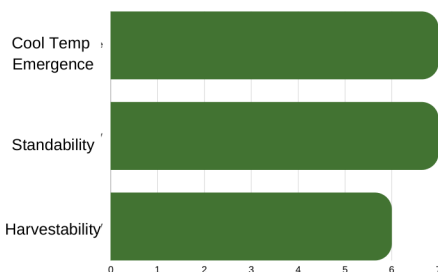


- **Maturity:** Medium-Early (110-130 days)
- **Seed Color:** White
- **Flower Color:** White
- **Suitable for:** Irrigated, dryland, primary crop, double crop, narrow row
- **Capsule Number:** Single
- **Yield Potential:** 1800 lbs/acre
- **Oil:** 49-51%
- **Key characteristics:** Mid maturity, mid height upright branching, good dryland performance
- **Target region:** OK, but widely versatile

**S2442**

IND

This is a full season variety with heavy branching that excels in wider rows. While it handles stress well, it responds positively to inputs. This is expected to be the variety that unseats S39 as the dominant variety for full season environments.



- **Maturity:** Late-Medium (130-150 days)
- **Seed Color:** White
- **Flower Color:** White
- **Suitable for:** Irrigated, dryland, primary crop, wide row
- **Capsule Number:** Single
- **Yield Potential:** 1800 lbs/acre
- **Oil:** 52-54%
- **Key characteristics:** full season, heavy branching
- **Target region:** RGV and Coastal Bend

IND = Improved non-dehiscent





	S32	S39	S3251	S2431	S2442
Primary Markets	Confectionary	Confectionary	Confectionary, Tahini	Confectionary	Confectionary, Tahini
Trait	Improved Non-Dehiscent (IND)	Improved Non-Dehiscent (IND)	Improved Non-Dehiscent (IND)	Improved Non-Dehiscent (IND)	Improved Non-Dehiscent (IND)
Maturity	Medium-Early (110 Days)	Medium-Late (120 Days)	Medium-Early (110 Days)	Medium-Early (110 Days)	Late-Medium (130 Days)
<b>KEY FEATURES :</b>	Suitable for double crop acres Proven dryland performer	Heavy branching Irrigated or dryland Proven long season performance	Compact plant type Irrigated or dryland Superior yield potential	Compact plant type with upright branches Superior harvestability Superior Yield potential	Heavy branching Irrigated or dryland Superior yield potential in longer season environments
<b>MANAGEMENT RECOMMENDATIONS</b>					
Recommended Row Width (inches)	15" - 30"	15" - 40"	15" - 30"	15" - 30"	20" - 40"
Recommended Planting Rate (lbs./acre)	1.0 - 3.5	0.75 - 1.5	1.0 - 3.5	1.0 - 3.5	0.75 - 1.5
Area of Adaption	Widely adapted	South Texas / South East US	Rolling Plains / South East US	Oklahoma	South Texas / South East US
<b>PERFORMANCE</b> <i>Performance scores: 1=poor; 9=excellent</i>					
Cool Temperature Emergence	7	7	7	8	7
Standability	7	7	8	8	7
Harvestability	7	6	7	8	6
<b>AGRONOMICS</b>					
Days to Flower	45	45	45	45	45
Plant Height	Medium	Medium-Tall	Medium	Medium-Short	Medium-Tall
Branch Type	Spreading / compact	Spreading / prolific	Upright / compact	Upright / compact	Spreading / prolific
Capsule per node	Single	Single	Single	Single	Single
<b>SEED QUALITY</b>					
Oil level (%)	48 - 50%	48 - 50%	50 - 52%	49 - 51%	52 - 54%
Seed Color	Off-White	Off-White	White	White - Bright White	White - Bright White
Seed Size	Medium	Medium	Medium	Medium	Medium





# QUICK GUIDE TO GROWING SESAME



## DEVELOPMENT

- |     |                        |              |
|-----|------------------------|--------------|
| 01. | Vegetative             | 0-40 Days    |
| 02. | Reproductive           | 40-80 Days   |
| 03. | Physiological maturity | 80-100 Days  |
| 04. | Full Maturity          | 103-112 Days |
| 05. | Full Drydown           | 125-140 Days |



## PLANTING

- |     |                  |               |
|-----|------------------|---------------|
| 01. | Planter          | 1-2 lbs./acre |
| 02. | Drill/Air Seeder | 2-4 lbs./acre |
| 03. | Planting depth   | ~1-1.5 inches |
- Can be planted conventional or no-till*



## HERBICIDE

01. Pre Plant
  - a. Roundup (Glyphosate)
  - b. Paraquat
  - c. Check residuals for other chemicals
02. Pre Emergent
  - a. Dual II Magnum (S-metolachlor)
    - i. Applied at planting. Do not incorporate with water or cultivation. **Do not use in sandy soils**
  - b. Sonalan/Treflan
    - i. Applied 45 days prior to planting
03. Post Emergence
  - a. Grassy weeds
    - i. Clethodim - Apply from 1<sup>st</sup> pair of leaves to buds. **If any flowers are present, do not use.**



## NUTRIENTS

- |     |             |                                  |
|-----|-------------|----------------------------------|
| 01. | Nitrogen    | 50 units (5 units/100lbs yield)  |
| 02. | Phosphorous | 20 units (2 units/100lbs. yield) |
| 03. | Potassium   | 40 units (4 units/100lbs. yield) |



## FUNGICIDE

01. Cercospora leaf spot, Macrophomina, Frog Eye Leaf Spot, etc.
  - a. Propiconazole (Tilt)
  - b. Azoxystrobin (Quadris)
  - c. Pyraclostrobin (Headline)



## INSECTICIDE

01. Headworms, Cabbage loopers, Sesame Leaf Rollers, Armyworms, Aphids, etc.
  - a. Chlorantraniliprole (Vantacor)
  - b. Zeta-Cypermethrin (Mustang Maxx)
  - c. Sulfoxaflor (Transform)



## HARVEST

01. 32 oz./acre Glyphosate with AMS and Crop Oil Concentrate

The above is a general outline of sesame production and life cycle. For additional information to fit your farm needs, please contact your Sesaco representative. To learn more, visit [sesaco.com](https://www.sesaco.com), or scan this code.

