

# Update on advanced lines



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**BX**

**06-52**














A photograph of a cardboard box filled with sweet potatoes. The potatoes are of various sizes and shapes, with some showing reddish-orange skin and others appearing more brown and earthy. A light blue rectangular label is placed in the center of the box, held in place by a silver paperclip. The label has a double-line border and contains the text "05-111" in a bold, black, sans-serif font. The box is open, and the background shows some soil and green plant matter.

**05-111**





# Orleans

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- **Consistent performer statewide**
- **Consistent shape**
- **Looks like Beauregard**
- **Soil rot intermediate - resistance**
- **Fusarium wilt intermediate - resistant**
- **Root knot nematode – susceptible**
- **Good plant production**
- **Baking and canning quality like Bx**



**Orleans**

Fontenot







05-111

BX

# Orleans

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	<b>Orleans</b>	<b>Beauregard</b>
<b>Location</b>	<b>U.S.#1</b>	<b>U.S.#1</b>
<b>Fontenot</b>	<b>362</b>	<b>380</b>
<b>Mathews</b>	<b>447</b>	<b>475</b>
<b>Kichler</b>	<b>335</b>	<b>281</b>
<b>Black Gold</b>	<b>659</b>	<b>399</b>
<b>RDO</b>	<b>433</b>	<b>305</b>
<b>Average</b>	<b>447</b>	<b>368</b>



**BX**

**07-146**



07-146

**07-146**







Fontenot



07-146



Quang





# LA07-146

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	<b>07-146</b>	<b>Beauregard</b>
<b>Location</b>	<b>U.S.#1</b>	<b>U.S.#1</b>
<b>Fontenot</b>	<b>528</b>	<b>380</b>
<b>Kichler</b>	<b>357</b>	<b>281</b>
<b>RDO</b>	<b>704</b>	<b>305</b>
<b>Black Gold</b>	<b>554</b>	<b>399</b>
<b>Mathews</b>	<b>443</b>	<b>475</b>
<b>Average</b>	<b>517</b>	<b>368</b>



# LA07-146

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	<b>07-146</b>	<b>Beauregard</b>
<b>Location</b>	<b>Total</b>	<b>Total</b>
<b>Fontenot</b>	<b>826</b>	<b>560</b>
<b>Kichler</b>	<b>804</b>	<b>457</b>
<b>RDO</b>	<b>1266</b>	<b>819</b>
<b>Black Gold</b>	<b>1857</b>	<b>1106</b>
<b>Mathews</b>	<b>1350</b>	<b>1180</b>
<b>Average</b>	<b>1220</b>	<b>824</b>

# LA07-146

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- **High yields**
- **Fusarium wilt and soil rot – resistant**
- **Root knot nematode – intermediate**
- **Bacterial root rot – susceptible (Bx too)**
- **Rhizopus soft rot – highly resistant**
- **Solid plant production**
- **Sweet, almost like Evangeline!**
- **Flooding survivor\***



**Beauregard**



**07-146**



**Evangeline**

## LA08-124

- **High yield**
- **Copper-rose skin**
- **Attractive**
- **Good plant beds**
- **R-Soil rot and fusarium wilt**
- **S-Root knot nematode**



# LA08-124

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	<b>08-124</b>	<b>Beauregard</b>
<b>Location</b>	<b>U.S.#1</b>	<b>U.S.#1</b>
<b>Fontenot</b>	<b>471</b>	<b>380</b>
<b>Kichler</b>	<b>274</b>	<b>281</b>
<b>RDO</b>	<b>650</b>	<b>305</b>
<b>Average</b>	<b>465</b>	<b>368</b>



06-52









# 06-52

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	<b>06-52</b>	<b>Beauregard</b>
<b>Location</b>	<b>U.S.#1</b>	<b>U.S.#1</b>
<b>Fontenot</b>	<b>265</b>	<b>380</b>
<b>RDO</b>	<b>358</b>	<b>305</b>
<b>Mathews</b>	<b>798</b>	<b>475</b>
<b>Black Gold</b>	<b>746</b>	<b>399</b>
<b>Average</b>	<b>542</b>	<b>390</b>



LA04-175







04-175

16



# LA04-175

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- **Early**
- **Fusarium wilt – resistant**
- **Soil rot – intermediate-resistant**
- **Root knot nematode – highly resistance**
- **Sugar content different- 2x sucrose; 1/2 maltose**
- **Excellent taste (slightly higher dm)**

**LA 11-121**



**LA 12-6**



be THANK full



2.99

1.29

Product of USA

1.29

1.29



OPEN

FRESH



FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

FRESH

# Surviving in a university....

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*Old Model ...*

*State dollars*

*Federal dollars*

*Industry support and grants*

*Free Beauregard!*

*royalty free  
varieties!*

# Surviving in a university....

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*New Model...*

*\*Industry support*

*\*competitive grants*

*\*Royalties*

# Royalties....

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*Variety development expensive...*

**Return on investment**

*Licensing*

*One license holder provides a sublicense*

*No mark up on seed*

*No sublicense fee*

*Pay for acreage at time of seed purchase or June 30<sup>th</sup>*

# Royalties....

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## *Licensing*

*Acreage is separate from seed purchase*

*Varies....*

*Orleans \$20 per acre*

*Enforced*



## Royalty costs....

- *Goal – have out of state producers support the program, keep costs minimal to in-state producers*
  - **\$500 for license**
  - **250 acre waiver before \$15 per acre fee**
  - **Report location and acreage**
  - **No markup on certified seed**



10-7R

08-124



A photograph of an open cardboard box filled with sweet potatoes. The box is placed on a patch of soil with some green plant matter. A white label with the number '08-124' is attached to the inside of the lid. The sweet potatoes are reddish-pink and some have green stems still attached. The box is made of brown cardboard and has two small black tabs on the lid.

**08-124**



07-146



07-146



07-146

A photograph showing a field of harvested sweet potatoes. The tubers are reddish-brown and elongated, scattered on the ground among green stems and soil. A white rectangular label with a black border is placed on the right side of the image, containing the text '07-146'.

07-146



A photograph showing a field of potato plants. The ground is covered with brown soil, green stems, and several large, dark brown potato tubers. A white rectangular label with a black border is placed on the ground, featuring the text "Bx" in a bold, black, sans-serif font. The label is slightly tilted and casts a shadow on the soil. The background shows more of the potato plants and soil, suggesting a field setting.

**Bx**



# Future

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**Bulk harvesting...**

**Tougher skin**

**Rhizopus soft rot**















# Evangeline

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## IMPORTANT!

- **Watch planting depth in plant beds >3''**
- **Pre-sprout at 80 F for 9-10 days, 70%RH**
- **Don't bed too early. Want soil temps above 70 F.**
- **Sclerotial Blight – is a problem in Evangeline**

# Evangeline

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- **In 40+ tests to date, it has averaged similar to Beauregard for U.S. #1**
- **Consistent performer**
- **Looks like Beauregard**
- **Soil rot resistance**
- **Root knot nematode resistance**
- **Fusarium wilt resistant**
- **\*Great quality baked and canned \***

A photograph showing a field of harvested sweet potatoes. The tubers are reddish-brown and covered in soil, scattered across a patch of brown earth. Green stems and leaves are visible, some still attached to the tubers. In the foreground, a white rectangular label with a black border contains the text "05-111". The background shows more of the field and some green vegetation on the left side.

05-111