

<u>Legend:</u> VI - Virus-indexed ▪ G1 (0 – 3% FMV during field inspection) ▪ G2 (0 – 6% FMV during field inspection) G1 (>3% - 25% FMV during field inspection) G2 (>6% - 25% FMV during field inspection)	Bayou Belle	Beauregard B94-14	Beauregard B94-24	Bellevue	Bonita	Burgundy	Carolina Ruby	Centennial	Covington	Evangeline	Hernandez	Jewel	Murasaki	NC05-198	O'Henry	Orleans	Travis	White Bonita	
Burch Equipment LLC – Ted Burch 685 Burch Rd., Faison, NC 28341 Tel: 910-267-5781 Fax: 910-267-1133								VI G1	VI G1				VI G1					VI G1	
Dan Finch 5714 Finch Nursery Lane, Bailey 27807 Tel: 252-235-4662									ELITE VI G1										
Robert & Wade Glover Farms – Wade Glover 5181 Strickland Road, Bailey NC 27807 Tel: 252-205-1291	ELITE	ELITE VI G1		VI G1	VI G1	ELITE VI G1		VI G1	ELITE VI G1 VI G2 G2	ELITE VI G1 Vi G2		ELITE	ELITE VI G1	ELITE VI G1 VI G2				VI G1	ELITE VI G1
Godwin Produce Co. – David & Anthony Godwin PO Box 163, Dunn, NC 28334-0163 Tel: 910-892-4171 Fax: 910-892-2232		VI G1							VI G2		VI G2								
Ham Farms - Bobby Ham 90 Ham Produce Road, Snow Hill, NC 28580 Tel: 252-747-2647 Fax: 252-747-3761									ELITE VI G1										
Harden Farms 746 Cooper Hill Rd, Windsor, NC 27983 Tel: 252-794-3871									VI G2					VI G2					
H&D Farms, Inc. Jennifer Daniels 1220 Howard Rd, Autryville, NC 28318 Tel: 910-567-2946		ELITE VI G1							ELITE VI G1 VI G2					ELITE VI G1					
Tull Hill Farms, Inc. – Kendall Hill 2264 Hugo Road, Kinston, NC 28501 Tel: 252-523-4406 Fax: 252-523-8052									VI G1 VI G2					VI G1					
Jones Family Farms - Jimmy D. Jones, Jr. 7094 Honeysuckle Lane, Bailey, NC 27807 Tel: 252-235-3248 Fax: 252-235-0155	ELITE VI G1			VI G1		VI G1			ELITE VI G1		V1 G1		ELITE VI G1			ELITE VI G1			ELITE VI G1
Leggett Farming Partnership – Brent & Sue Leggett PO Box 367, Nashville, NC 27856 Tel: 252-467-2776 Fax: 252-459-4928		ELITE VI G1 VI G2	ELITE VI G1	VI G1 VI G2	VI G1				ELITE VI G1 VI G2	ELITE VI G1 VI G2			ELITE VI G1	ELITE VI G1 VI G2					
Danny Pierce 674 Lassiter Road, Princeton, NC 27569 Tel: 919-920-0238, 919-736-4863 (h) Fax: 919-581-8493		ELITE							ELITE					ELITE	ELITE				
Scott Farms - Sonny & Dewey Scott 7965A Simpson Road, Lucama, NC 27851 Tel: 919-284-4030 Fax: 919-284-4872		VI G1			VI G1		VI G1		ELITE VI G1 VI G2				VI G1		VI G1				
Clay Strickland Farms 1216 Macedonia Rd., Spring Hope, NC 27882 Tel: 252-314-5748 Fax: 252-478-5266		ELITE		VI G1					ELITE V1 G1										
Vick Family Farms Partnership - Jerome Vick 11124 Christian Road, Wilson, NC 27896-8115 Tel: 252-291-8880 Fax: 252-243-0818									VI G1										
Terrell Williams 2866 Maxwell Road, Autryville, NC 28318 Tel: 910-567-2245 Fax: 910-567-2603		VI G1 VI G2			VI G2				VI G1 VI G2					VI G1 VI G2	VI G1 VI G2	VI G1 V1 G2			VI G1

NC Certified Sweetpotato Seed

Most varieties in North Carolina are certified using standards for Micropropagated Virus-Indexed (VI) Sweetpotato Seed. These standards include field inspections that sample and record the incidence of Sweetpotato Feathery Mottle Virus (SPFMV) and other diseases. The seed production cycle begins with ELITE plants, which are directly derived from virus-indexed plants, and continue through two field generations (G1 and G2).

Class	SPFMV standards, Field Inspection	Class	SPFMV standards, Field Inspection
ELITE	None allowed		
G1	up to 3% for VI G1 > 3% - 25% for G1.	G2	up to 6% for VI G2 >6% - 25% for G2

SWEETPOTATO VARIETY DESCRIPTIONS

BAYOU BELLE is a new deep orange flesh, red/purple skinned sweet potato. Sugar content is similar to Evangeline; however it has a more firm texture when baked. Production characteristics in plant beds are similar to 'Beauregard' but it consistently yields 10 % higher than 'Beauregard'. Shape is slightly improved over 'Beauregard', but root to root variability does exist. The days to harvest are similar to 'Beauregard'. Disease characteristics are similar to 'Beauregard' except for higher levels of resistance to root knot nematode.

Plant Protection applied for, sub-license required to produce in NC, acreage fees apply.

BEAUREGARD was released by the LSU Ag Center. The roots have a rose-colored skin and orange flesh. The roots do not become round in heavier soils. This variety is resistant to Streptomyces soil rot and is susceptible to root-knot nematode. It stores well. It normally ready to harvest in 100 - 110 days. There are currently two clones of this variety being certified (B94-14 & B94-24)

BELLEVUE is an orange flesh, light copper skinned sweet potato released by the LSU Ag Center. The skin is lighter than 'Beauregard' and remarkably smooth with few lenticels, grooves or lateral root scars. The flesh is uniformly deep orange and a bright color when baked. The sugar content in baked Bellevue is similar to that found in 'Beauregard'. It displays a highly consistent, uniform root shape, excellent pack out percentage, and excellent storage life. It is particularly well suited to sandy environments where southern root-knot nematode is a problem and quality shape elusive. Bellevue is resistant to Fusarium wilt, highly resistant to Root knot nematode, resistant to soil rot, intermediate resistant to Rhizopus soft rot, and very susceptible to Bacterial soft rot. **Plant Protection applied for, sub-license required to produce in NC, acreage fees apply.**

BONITA was released by the LSU Ag Center. It demonstrates superior disease resistance to southern root-knot nematode, and exhibits a brighter white and drier flesh compared to 'O'Henry'. It also demonstrates high yield characteristics and has a mid to late growing season. 'Bonita' exhibits superior flesh color, smoother root surface, and a drier, sweeter flesh. 'Bonita' storage roots have a tan skin with a pink cast at harvest, pink fades to tan after storage. Sucrose content in 'Bonita' is double that of 'O'Henry' and makes for a slightly sweet flavor; total sugars are similar, but slightly higher for 'Bonita'.

BURGUNDY is a red skinned, orange flesh, high yielding sweetpotato released by the LSU Ag Center. Burgundy has resistance to Streptomyces soil rot, Fusarium wilt (stem rot) and southern root-knot nematode. It matures equal to or slightly earlier than 'Beauregard'. Burgundy demonstrates a level of sweetness and moisture similar to 'Beauregard'. **Plant Protection applied for, sub-license required to produce in NC, acreage fees apply.**

CAROLINA RUBY was released by the North Carolina Agricultural Research Service. Roots are a bright red color, with very smooth skin, flesh is deep orange, and roots are fusiform and somewhat blocky. It has high levels of resistance to Fusarium wilt, moderate resistance to soil rot but is susceptible to root-knot nematode. It is an excellent plant producer. It stores well with few rots and little weight loss in storage. Normally harvested in 95 - 100 days.

CENTENNIAL originated in Louisiana, originally released in 1960. It exhibits large heart-shaped leaves, light copper skinned roots with uniform deep orange flesh, which are moist and soft when baked. Roots may tend to grow long and be slightly ridged but are usually uniform in shape. The variety is susceptible to root knot nematode but shows field tolerance to Fusarium wilt and wireworm.

COVINGTON is a variety released by North Carolina Agricultural Research Service in 2005. The roots are rose colored with an orange flesh. Shapes are blocky to fusiform with good size uniformity. The clone is resistant to Fusarium wilt and moderately resistant to Streptomyces soil rot (pox) and the southern root-knot nematode. Sprout production is moderate but about 10 days later than Beauregard. Harvest is 105-115 days after planting. **Sub-license required to produce in NC.**

EVANGELINE- Was released by the LSU Ag Center. It is disease resistant to southern root knot nematode. The plant produces few oversize roots, but a majority U.S. No. 1 grade roots. The roots are orange fleshed and orange skinned. They contain an abundance of sucrose and are great for baking and microwaving.

HERNANDEZ was released by the LSU Ag Center. Roots are fusiform, lightly grooved and red skinned. Resistance to Fusarium wilt and root-knot nematode is intermediate. It is moderately resistant to Streptomyces soil rot. Normally harvested in 120-125 days.

JEWEL is the result of a cross between Centennial and Nuggett. The blocky roots are copper skin color with uniform orange flesh. It is slow to sprout, but produces strong plants with vigorous vine growth. The roots store excellently, have an outstanding baking quality, and produce an acceptable canned product. Jewel is resistant to Fusarium wilt, nematodes and internal cork. Normally matures in 115-120 days.

MURASAKI was developed by the LSU Ag Center to provide a specialty-type, white-flesh variety. It has good culinary characteristics and does not require any additional baking time in comparison to dessert-type cultivars. The roots are elliptical, and are characterized by their white flesh, high dry matter, and purple skin. It is resistant to southern root-knot nematode and Fusarium root rot, but tests also show that it does not perform well if planted late. Good yields are normally harvested in approximately 90-100 days.

NC05-198 produces orange fleshed storage roots that are generally oblong to elliptic. Storage roots are longer than Covington but straighter than Beauregard. NC05-198 is useful in soil conditions where Covington tends to become bally. Total marketable yields are high and equal to Beauregard and Covington. It is resistant to Fusarium stem wilt, moderately resistant to soil rot (Streptomyces ipomoea), and moderately susceptible to Southern root-knot nematode. NC05-198 is suited for growers who have internal necrosis issues associated with Covington and for growers who need a plant that is suitable to early plantings, but should only be considered a 6-8 month storage cultivar.

O'HENRY is a white-skinned, cream-fleshed variant of Beauregard. Its maturity and disease resistance is the same as Beauregard. Eating quality is similar to Beauregard, though the flesh is a little drier, but not as dry as some of the old white varieties.

ORLEANS (formerly LA 05-111) is a new orange flesh, light rose skinned sweet potato. A twin to 'Beauregard' in many ways. Skin and flesh color are similar to 'Beauregard' and the sugar profiles are identical to 'Beauregard' so flavor is unchanged. Production characteristics in plant beds and the field (days to harvest), disease resistance, and yield are similar to 'Beauregard', but with fewer jumbos and improved quality. **Plant Protection applied for, sub-license required to produce in NC, acreage fees apply.**

TRAVIS was released by the Louisiana Agricultural Experiment Station in 1980. It is a high yielding variety that matures about 20 days earlier than Jewel and has well-shaped roots with rose skin color and orange flesh. Travis is resistant to internal cork, moderately resistant to soil rot, root knot nematode and Fusarium wilt. Plant production has been satisfactory. Travis keeps fairly well in storage but is not considered a main storage variety. Baking quality is equal to or slightly lower than other varieties.

WHITE BONITA Released by the Louisiana Agricultural Experiment Station. 'White Bonita' is a sport selection from the variety 'Bonita'. Variety performance and morphology is similar to 'Bonita' except that 'White Bonita' has white to slightly creamy flesh. The root skin color is white. Growth habit is prostrate with a canopy appearance that is greater than Beauregard and slightly more upright. Leaf color is light green at immature stage and dark green at full maturity. **Plant maturity is 110-115 days. Plant Protection applied for, sub-license required to produce in NC, acreage fees apply.**