

Irrigated Sweet Potato Trial	WREC-Nesson Valley 2016
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Variety	Treatment	Number Planted	Stand Count	USDA Grades					2016	2015	2 year
				US No. 1	Petite	US No. 2	Commercial	Cull	Yield	Yield	average
				----- cwt/A -----							
Beauregard	Bare	12	8.0	40.4	18.2	13.1	1.7	129.9	203.2	118.1	160.7
	Fabric	12	9.5	53.8	27.1	17.4	30.3	68.1	196.8	452.8	324.8
	Plastic	12	9.3	86.9	23.1	11.2	36.1	49.8	207.0	332.2	269.6
Georgia Jet	Bare	18	12.8	52.9	22.2	37.5	10.6	52.2	175.3	126.4	150.8
	Fabric	18	14.8	86.1	22.1	57.8	29.6	62.5	258.1	203.8	230.9
	Plastic	18	14.8	110.0	22.2	25.8	55.0	69.7	282.7	118.2	200.4
Mean			11.5	71.7	22.5	27.1	27.2	72.0	220.5	225.2	222.9
C.V. (%)			14.7	37.8	38.5	95.8	58.8	69.3	34.4	--	--

**Planted:** 6/7/2016

**Harvested:** 9/15/2016

Previous Crop: Soybeans

Plot size: 38 ft<sup>2</sup> / 52 ft<sup>2</sup>

Soil: Lihen Fine sandy loam; pH 7.7, O.M. 3.2%, 23 lbs N, 33 ppm P and 369 ppm K

Fertilizer: 200 lbs of 46-0-0 applied on April 1st. 100 lbs of 46-0-0 applied on June 28th.

Rainfall: 6.23" from June 7th to September 15th.

Irrigation: 12.65" from June 9th to September 14th.