



## PRORATED SUGARCANE PLANTING COSTS FOR THE 2019 CROP YEAR FOR PLANT CANE AND STUBBLE CROPS

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The remaining, unrecovered planting cost of plantcane and stubble cane sugarcane crops are determined by the actual planting cost in the year in which the sugarcane crop was planted. The costs of planting will vary from year-to-year depending upon many factors which include cost of seed cane, fuel, fertilizer, chemicals, etc. Therefore, the estimated planting cost in the year in which the sugarcane crop was planted, as well as the expected number of years of harvest, forms the basis for prorating costs (unrecovered planting costs) over the life of the sugarcane crop cycle.

The estimated costs of planting sugarcane are prorated by age based on remaining production. Two sugarcane crop production cycles are common in Louisiana: (a.) a 4-year cycle and (b.) a 5-year cycle. For the 4-year cycle, the first year of fallow/plant operations is followed by three years of harvest (i.e., plant cane, first stubble and second stubble crops). Percentage values used to prorate sugarcane planting costs over a 4-year/3-harvest crop cycle are: plant cane crop – 100%, first stubble crop – 67% and second stubble crop – 33%. For the 5-year cycle, the first year of fallow/plant operations is followed by four years of harvest (i.e., plant cane, first stubble, second stubble and third stubble crops). Percentage values used to prorate sugarcane planting costs over a 5-year/4-harvest crop cycle are: plant cane crop – 100%, first stubble crop – 75%, second stubble crop – 50% and first stubble – 25%. The estimated prorated sugarcane planting costs per acre for these two crop cycles in the 2018 crop year based upon estimated planting costs in the year of planting (indicated in parenthesis) is shown below in Table 1.

**Table 1. Variable and Total Prorated Sugarcane Planting Costs for Plant-cane, First-, Second- and Third-Year Stubble Cane in the 2019 Crop Year.**

Crop stage / Planting method (year planted)	Original Allocated Planting Cost Per Acre in Year of Planting		Prorated Planting Cost Value Per Acre in the 2019 Crop Year			
	Var. Cost	Total Cost	3-Crop Cycle (PC, 1ST, 2ND)		4-Crop Cycle (PC, 1ST, 2ND, 3RD)	
			Var. Cost	Total Cost	Var. Cost	Total Cost
<b>PLANT-CANE CROP <sup>1</sup></b>						
Hand Planted-Cultured Seed Cane (2018)	\$860	\$1,032	\$860	\$1,032	\$860	\$1,032
Hand Planted-Propagated Seed Cane (2018)	\$480	\$672	\$480	\$672	\$480	\$672
Hand Planted-Field Run Seed Cane (2018)	\$432	\$627	\$432	\$627	\$432	\$627
Machine Planted-Propagated Seed Cane (2018)	\$532	\$727	\$532	\$727	\$532	\$727
Machine Planted-Field Run Seed Cane (2018)	\$466	\$666	\$466	\$666	\$466	\$666
Machine Planted-Billet Seed Cane (2018)	\$596	\$848	\$596	\$848	\$596	\$848
<b>FIRST-YEAR STUBBLE <sup>2</sup></b>						
Hand Planted-Cultured Seed Cane (2017)	\$847	\$1,027	\$567	\$688	\$635	\$770
Hand Planted-Propagated Seed Cane (2017)	\$465	\$668	\$312	\$448	\$349	\$501
Hand Planted-Field Run Seed Cane (2017)	\$418	\$624	\$280	\$418	\$314	\$468
Machine Planted-Propagated Seed Cane (2017)	\$517	\$722	\$346	\$484	\$388	\$542
Machine Planted-Field Run Seed Cane (2017)	\$453	\$662	\$304	\$444	\$340	\$497
Machine Planted-Billet Seed Cane (2017)	\$583	\$846	\$391	\$567	\$437	\$635

Crop stage / Planting method (year planted)	Original Allocated Planting Cost Per Acre in Year of Planting		Prorated Planting Cost Value Per Acre in the 2019 Crop Year			
			3-Crop Cycle (PC, 1ST, 2ND)		4-Crop Cycle (PC, 1ST, 2ND, 3RD)	
	Var. Cost	Total Cost	Var. Cost	Total Cost	Var. Cost	Total Cost
<b>SECOND-YEAR STUBBLE <sup>3</sup></b>						
Hand Planted-Cultured Seed Cane (2016)	\$839	\$1,022	\$277	\$337	\$420	\$511
Hand Planted-Propagated Seed Cane (2016)	\$464	\$667	\$153	\$220	\$232	\$334
Hand Planted-Field Run Seed Cane (2016)	\$418	\$625	\$138	\$206	\$209	\$313
Machine Planted-Propagated Seed Cane (2016)	\$518	\$723	\$171	\$239	\$259	\$362
Machine Planted-Field Run Seed Cane (2016)	\$458	\$667	\$151	\$220	\$229	\$334
Machine Planted-Billet Seed Cane (2016)	\$602	\$862	\$199	\$284	\$301	\$431
<b>THIRD-YEAR STUBBLE <sup>4</sup></b>						
Hand Planted-Cultured Seed Cane (2015)	\$854	\$1,024	--	--	\$214	\$256
Hand Planted-Propagated Seed Cane (2015)	\$491	\$683	--	--	\$123	\$171
Hand Planted-Field Run Seed Cane (2015)	\$447	\$641	--	--	\$112	\$160
Machine Planted-Propagated Seed Cane (2015)	\$551	\$746	--	--	\$138	\$187
Machine Planted-Field Run Seed Cane (2015)	\$493	\$692	--	--	\$123	\$173
Machine Planted-Billet Seed Cane (2015)	\$653	\$906	--	--	\$163	\$227

<sup>1</sup> The prorated sugarcane planting cost per acre for plant cane in crop year 2019 for sugarcane planted in 2018 is estimated at 100% of the original 2018 planting cost for both 3-crop and 4-crop production cycles.

<sup>2</sup> The prorated sugarcane planting cost per acre for first stubble in crop year 2019 for sugarcane planted in 2017 is estimated at 67% of the original 2017 planting cost for a 3-crop production cycle and at 75% of the original 2017 planting cost for a 4-crop production cycle.

<sup>3</sup> The prorated sugarcane planting cost per acre for second stubble in crop year 2019 for sugarcane planted in 2016 is estimated at 33% of the original 2016 planting cost for a 3-crop production cycle and at 50% of the original 2016 planting cost for a 4-crop production cycle.

<sup>4</sup> The prorated sugarcane planting cost per acre for third stubble in crop year 2019 for sugarcane planted in 2015 is estimated at 0% of the original 2015 planting cost for a 3-crop production cycle and at 25% of the original 2015 planting cost for a 4-crop production cycle.

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