



PRORATED SUGARCANE PLANTING COSTS FOR THE 2023 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 third stubble – 25%. The estimated prorated sugarcane planting costs per acre for these two crop cycles in the 2023 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 2023 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 2023 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
PLANT-CANE CROP ¹						
Hand Planted-Cultured Seed Cane (2022)	\$922	\$1,112	\$922	\$1,112	\$922	\$1,112
Hand Planted-Propagated Seed Cane (2022)	\$547	\$758	\$547	\$758	\$547	\$758
Hand Planted-Field Run Seed Cane (2022)	\$500	\$714	\$500	\$714	\$500	\$714
Machine Planted-Propagated Seed Cane (2022)	\$599	\$810	\$599	\$810	\$599	\$810
Machine Planted-Field Run Seed Cane (2022)	\$535	\$751	\$535	\$751	\$535	\$751
Machine Planted-Billet Seed Cane (2022)	\$675	\$943	\$675	\$943	\$675	\$943
FIRST-YEAR STUBBLE ²						
Hand Planted-Cultured Seed Cane (2021)	\$840	\$1,019	\$563	\$683	\$630	\$764
Hand Planted-Propagated Seed Cane (2021)	\$464	\$665	\$311	\$446	\$348	\$499
Hand Planted-Field Run Seed Cane (2021)	\$416	\$620	\$279	\$415	\$312	\$465
Machine Planted-Propagated Seed Cane (2021)	\$520	\$726	\$348	\$486	\$390	\$545
Machine Planted-Field Run Seed Cane (2021)	\$455	\$665	\$305	\$446	\$341	\$499
Machine Planted-Billet Seed Cane (2021)	\$598	\$865	\$401	\$580	\$449	\$649

Crop stage / Planting method (year planted)	Original Allocated Planting Cost Per Acre in Year of Planting		Prorated Planting Cost Value Per Acre in the 2023 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
SECOND-YEAR STUBBLE ³						
Hand Planted-Cultured Seed Cane (2020)	\$915	\$1,113	\$302	\$367	\$458	\$557
Hand Planted-Propagated Seed Cane (2020)	\$531	\$751	\$175	\$248	\$266	\$375
Hand Planted-Field Run Seed Cane (2020)	\$484	\$705	\$160	\$233	\$242	\$353
Machine Planted-Propagated Seed Cane (2020)	\$590	\$811	\$195	\$268	\$295	\$406
Machine Planted-Field Run Seed Cane (2020)	\$558	\$803	\$184	\$265	\$279	\$402
Machine Planted-Billet Seed Cane (2020)	\$668	\$948	\$220	\$313	\$334	\$474
THIRD-YEAR STUBBLE ⁴						
Hand Planted-Cultured Seed Cane (2019)	\$883	\$1,074	--	--	\$221	\$268
Hand Planted-Propagated Seed Cane (2019)	\$500	\$709	--	--	\$125	\$177
Hand Planted-Field Run Seed Cane (2019)	\$452	\$664	--	--	\$113	\$166
Machine Planted-Propagated Seed Cane (2019)	\$556	\$767	--	--	\$139	\$192
Machine Planted-Field Run Seed Cane (2019)	\$491	\$706	--	--	\$123	\$176
Machine Planted-Billet Seed Cane (2019)	\$627	\$894	--	--	\$157	\$224

¹ The prorated sugarcane planting cost per acre for plant cane in crop year 2023 for sugarcane planted in 2022 is estimated at 100% of the original 2022 planting cost for both 3-crop and 4-crop production cycles.

² The prorated sugarcane planting cost per acre for first stubble in crop year 2023 for sugarcane planted in 2021 is estimated at 67% of the original 2021 planting cost for a 3-crop production cycle and at 75% of the original 2021 planting cost for a 4-crop production cycle.

³ The prorated sugarcane planting cost per acre for second stubble in crop year 2023 for sugarcane planted in 2020 is estimated at 33% of the original 2020 planting cost for a 3-crop production cycle and at 50% of the original 2020 planting cost for a 4-crop production cycle.

⁴ The prorated sugarcane planting cost per acre for third stubble in crop year 2023 for sugarcane planted in 2019 is estimated at 0% of the original 2019 planting cost for a 3-crop production cycle and at 25% of the original 2019 planting cost for a 4-crop production cycle.

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