

**2022 Estimated Costs and Returns per Acre  
Hay Establishment, Furrow Irrigated, Rio Grande Valley  
South Extension District - 12**

Crop Acres	100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Costal Bermuda Sprigs	1	Acre	\$135.00	\$135.00	\$13,500.00
Fertilizer					
Ammonium Sulfate (21% N)	4	CWT	\$26.46	\$105.85	\$10,585.00
Custom					
Land Prep and Disking	1	Acre	\$50.00	\$50.00	\$5,000.00
Mechanical Weed Control	1	Acre	\$60.00	\$60.00	\$6,000.00
Herbicide					
Pendimethalin	3	Pint	\$7.00	\$20.99	\$2,099.25
Other Labor					
Unallocated Labor	0.5	Hour	\$15.00	\$7.50	\$750.00
Irrigation					
Water Cost	2.00	Acre/Foot	\$26.00	\$52.00	\$5,200.00
Irrigation Labor	1.20	Hour	\$15.00	\$18.00	\$1,800.00
Machinery Labor					
Tractors/Self-Propelled	0.37	Hour	\$15.00	\$5.55	\$555.00
Other Labor	0.18	Hour	\$15.00	\$2.70	\$270.00
Diesel Fuel					
Tractors/Self-Propelled	1.73	Gallon	\$3.07	\$5.31	\$531.11
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$3.75	\$3.75	\$374.53
Implements	1	Acre	\$1.61	\$1.61	\$161.31
Interest on Credit Line			5.00%	\$18.87	\$1,886.75
Total Variable Costs				<u>\$487.13</u>	<u>\$48,712.95</u>
Planned Returns Above Variable Costs:				(\$487.13)	(\$48,712.95)
Breakeven Price to Cover Variable Costs			n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$3.87	\$3.87	\$387.01
Implements	1	Acre	\$3.02	\$3.02	\$302.26
Equipment Investment					
Tractors/Self-Propelled	\$30.15	Dollars	7.00%	\$2.11	\$211.05
Implements	\$12.14	Dollars	7.00%	\$0.85	\$84.96
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				<u>\$94.85</u>	<u>\$9,485.28</u>
Total Specified Costs				<u>\$581.98</u>	<u>\$58,198.23</u>
Returns Above Specified Costs				(\$581.98)	(\$58,198.23)
Breakeven Price to Cover Total Costs			n/a		

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.**