

**2023 Estimated Costs and Returns per Acre
Hay Establishment, Furrow Irrigated, Rio Grande Valley
South Extension District - 12**

Crop Acres	100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
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	\$17.50	\$21.00	\$2,100.00
Machinery Labor					
Tractors/Self-Propelled	0.37	Hour	\$17.21	\$6.37	\$636.77
Other Labor	0.18	Hour	\$17.21	\$3.10	\$309.78
Diesel Fuel					
Tractors/Self-Propelled	1.73	Gallon	\$2.24	\$3.88	\$387.52
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			8.00%	\$30.32	\$3,032.16
Total Variable Costs				<u>\$501.36</u>	<u>\$50,136.32</u>
Planned Returns Above Variable Costs:				(\$501.36)	(\$50,136.32)
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	8.00%	\$2.41	\$241.20
Implements	\$12.14	Dollars	8.00%	\$0.97	\$97.09
Cash Rent, Irrigated	1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs				<u>\$95.28</u>	<u>\$9,527.57</u>
Total Specified Costs				<u>\$596.64</u>	<u>\$59,663.89</u>
Returns Above Specified Costs				(\$596.64)	(\$59,663.89)
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.