2024 Estimated Costs and Returns per Acre Honeydew, Plastic Mulch, Drip Irrigated, Rio Grande Valley South Extension District - 12

Crop Acres 40

REVENUE		•		* #		Enterprise
VARIABLE COSTS						
VARIABLE COSTS		800.00	Carton	φ9.00		
VARIABLE COSTS	rotal nevertue				\$7,200.00	
Production Costs Fertilizer Fertilizer Fertilizer Fertilizer Phosphorus (46% P205) 1.5 CWT \$43.15 \$64.73 \$22,589.00 \$2,007.839.55 \$126.97 \$50,078.92 \$2.000.00 \$85,078.92 \$2.000.00 \$2.000.0	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	•
Phosphorus (46% P205)		•		·		
Custor	Fertilizer					
Custom	· · · · · · · · · · · · · · · · · · ·			•	•	
Bea Rental		3.74	CWT	\$33.95	\$126.97	\$5,078.92
Harwest Honeydew 800 Carton \$2.50 \$2,000.00 \$80,000.00 Pack and Count Honeydew 800 Carton \$3.50 \$2,800.00 \$112,000.00 Miscellaneous DripTape (2 seasons) 6550 Foot \$0.03 \$208.95 \$8.357.80 Plastic Mulch, 3x4K' 0.61 Roll \$198.00 \$120.78 \$4.831.20 Sulfuric Acid 27 Ounce \$0.22 \$5.99 \$239.55 Herbicide Prefar 4E \$2.75 Quart \$23.80 \$65.44 \$2.617.45 Seed Honeydew Seeds 0.83 Pound \$634.80 \$526.88 \$21,075.31 Honeydew Seedlings 13 Thousand \$35.00 \$455.00				*	***	
Pack and Count Honeydew 800 Carton \$3.50 \$2,800.00 \$112,000.00				•	•	
Miscellaneous	•					
DripTape (2 seasons)	•	800	Carton	\$3.50	\$2,800.00	\$112,000.00
Plastic Mulch, 3x4K' 0.61 Roll \$198.00 \$120.76 \$4,831.20 Suffuric Acid Prefar 4E 2.75 Quart \$23.00 \$65.44 \$2,617.45 Seed Honeydew Seeds 0.83 Pound \$634.80 \$565.64 \$2,617.45 Seed Honeydew Seedlings 0.83 Pound \$634.80 \$565.64 \$2,617.45 Seed Honeydew Seedlings 0.8992 Hour \$35.00 \$455.00 \$18,200.00 Other Labor Unallocated Labor 0.8992 Hour \$15.00 \$13.49 \$539.52 Transplant Melons 8 Hour \$15.00 \$120.00 \$4,800.00 Pickup Plastic 9 P		GEEO	Foot	ቀሰ ሰኃ	¢200 0E	¢0.2E7.00
Sulfuric Acid Prefar 4E					•	
Herbicide	,				•	
Prefar 4E		21	Ounce	Ψ0.22	φ5.55	Ψ233.33
New York Seed Honeydew Seeds Bound Seed		2 75	Quart	\$23.80	\$65.44	\$2 617 <i>1</i> 5
Honeydew Seedlings		2.75	Quart	Ψ25.00	ψ05.44	Ψ2,017.43
Honeydew Seedlings		0.83	Pound	\$634.80	\$526.88	\$21,075,31
Other Labor Unallocated Labor Transplant Melons 0.8992 Hour Hour S15.00 \$13.49 \$539.52 Transplant Melons 8 Hour S15.00 \$120.00 \$4,800.00 \$4,800.00 \$120.00 \$4,800.00 \$4,800.00 \$120.00 \$4,800.00 \$4,800.00 \$120.00 \$4,800.00 \$4,800.00 \$15.00 \$120.00 \$4,800.00 \$4,800.00 \$15.00 \$120.00 \$4,800.00 \$4,800.00 \$1,800.00 \$15.00 \$120.00 \$4,800.00 \$4,800.00 \$1,800.00 \$1,800.00 \$4,800.00 \$4,800.00 \$1,800.00 \$4,800.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,200.00 <th< td=""><td></td><td></td><td></td><td></td><td>•</td><td></td></th<>					•	
Unallocated Labor 0.8992 Hour \$15.00 \$13.49 \$539.52 Transplant Melons 8 Hour \$15.00 \$120.00 \$4,800.00 Pickup Plastic 8 Hour \$15.00 \$120.00 \$4,800.00 Insecticide			mododna	Ψ00.00	Ψ100.00	Ψ10,200.00
Transplant Melons 8 Hour Pickup Plastic \$15.00 \$120.00 \$4,800.00 Insecticide 8 Hour \$15.00 \$120.00 \$4,800.00 Admire Pro Asana XL 5.8 Ounce \$5.62 \$11.50 \$459.90 Asana XL 5.8 Ounce \$5.62 \$3.62 \$144.91 Fungicides Bravo Ultrex 1 Pound \$10.23 \$10.23 \$409.93 Quadris 32 Ounce \$1.56 \$49.99 \$1,999.50 Irrigation Water Cost 1.18 Acre/Foot \$33.01 \$38.82 \$1,552.64 Irrigation Labor 0.20 Hour \$17.50 \$38.82 \$1,552.64 Irrigation Labor 0.20 Hour \$17.50 \$38.82 \$1,552.64 Irrigation Labor 0.20 Hour \$17.50 \$33.03 \$33.93 \$1,372.20 Machinery Labor 0.41 Hour \$17.21 \$7.06 \$282.24 Diesel Fuel 1.36 Hour \$17.21 \$7.06 \$282.24		0.8992	Hour	\$15.00	\$13.49	\$539.52
Pickup Plastic 8 Hour \$15.00 \$120.00 \$4,800.00 Insecticide				•		•
Insecticide	- P					
Asana XL	·					, ,
Fungicides	Admire Pro	0.4375	Pint	\$26.28	\$11.50	\$459.90
Bravo Ultrex	Asana XL	5.8	Ounce	\$0.62	\$3.62	\$144.91
Quadris 32 Qunce \$1.56 \$49.99 \$1,999.50	Fungicides					
Irrigation	Bravo Ultrex	1	Pound	\$10.23	\$10.23	\$409.30
Water Cost Irrigation Labor 1.18 Acre/Foot 0.20 Hour \$33.01 \$38.82 \$1,552.64 \$1,552.64 Machinery Labor Tractors/Self-Propelled Other Labor 1.36 Hour \$17.21 \$23.41 \$936.22 \$962.24 Diesel Fuel Tractors/Self-Propelled Repairs & Maintenance Tractors/Self-Propelled 8.86 Gallon \$3.60 \$31.90 \$1,275.84 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$20.92 \$20.92 \$836.79 Implements 1 Acre \$11.23 \$11.23 \$449.29 Interest on Credit Line 8.00% \$160.18 \$6,407.22 Total Variable Costs \$8.86 Carton Breakeven Price to Cover Variable Costs: Breakeven Price to Cover Variable Costs \$8.86 Carton FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation Tractors/Self-Propelled 1 Acre \$21.62 \$21.62 \$864.68 Implements Total Equipment Investment Tractors/Self-Propelled 1 Acre \$12.28 \$12.28 \$12.28 \$491.10 \$64.68 Implements \$62.99 Dollars \$0.00% \$5.04 \$201.57 Cash Rent, Irrigated Vegetables 1 Acre \$11.00 \$110.00 \$4,400.00 Total Specified Costs \$62.99 Dollars \$10.00 \$4.00.00 Flexurus Above Specified Costs \$6.496.24	Quadris	32	Ounce	\$1.56	\$49.99	\$1,999.50
Irrigation Labor 0.20 Hour \$17.50 \$3.43 \$137.20	Irrigation					
Machinery Labor Tractors/Self-Propelled 1.36 Hour \$17.21 \$23.41 \$936.22 Other Labor 0.41 Hour \$17.21 \$7.06 \$282.24 Diesel Fuel Tractors/Self-Propelled 8.86 Gallon \$3.60 \$31.90 \$1,275.84 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$20.92 \$20.92 \$836.79 Implements 1 Acre \$11.23 \$11.23 \$449.29 Interest on Credit Line 8.00% \$160.18 \$6,407.22 Total Variable Costs \$8.86 Carton \$114.50 \$4,580.20 Planned Returns Above Variable Costs: \$8.86 Carton Enterprise Breakeven Price to Cover Variable Costs: \$8.86 Carton Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation 1 Acre \$21.62 \$21.62 \$864.68 Implements 1 Acre \$12.28 \$12.28	Water Cost	1.18	Acre/Foot	\$33.01	\$38.82	\$1,552.64
Tractors/Self-Propelled		0.20	Hour	\$17.50	\$3.43	\$137.20
Other Labor 0.41 Hour \$17.21 \$7.06 \$282.24 Diesel Fuel Tractors/Self-Propelled 8.86 Gallon \$3.60 \$31.90 \$1,275.84 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$20.92 \$20.92 \$836.79 Implements 1 Acre \$11.23 \$11.23 \$449.29 Interest on Credit Line 8.00% \$160.18 \$6,407.20 Total Variable Costs \$7,085.50 \$283,419.80 Planned Returns Above Variable Costs: \$8.86 Carton Breakeven Price to Cover Variable Costs \$8.86 Carton FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Tractors/Self-Propelled 1 Acre \$21.62 \$21.62 \$864.68 Implements 1 Acre \$12.28 \$12.28 \$491.10 Equipment Investment \$62.99 Dollars 8.00% \$13.47 \$538.89 Implements \$62.99	Machinery Labor					
Diesel Fuel	•			•		·
Tractors/Self-Propelled 8.86 Gallon \$3.60 \$31.90 \$1,275.84 Repairs & Maintenance Tractors/Self-Propelled 1 Acre \$20.92 \$20.92 \$836.79 Implements 1 Acre \$11.23 \$11.23 \$449.29 Interest on Credit Line 8.00% \$160.18 \$6,407.22 Total Variable Costs 8.80% \$7,085.50 \$283,419.80 Planned Returns Above Variable Costs: 88.86 Carton Enterprise FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation Tractors/Self-Propelled 1 Acre \$12.28 \$12.28 \$491.10 Equipment Investment Tractors/Self-Propelled \$168.40 Dollars 8.00% \$13.47 \$538.89 Implements \$62.99 Dollars 8.00% \$5.04 \$201.57 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$4,400.00 Total Specified Costs \$7,247.90 \$289,916.05 Returns Above Specified Costs \$(\$47.90) \$(\$1,916.05) Returns Above Specified Costs \$(\$47.90) \$(\$1,916.05) Sallon		0.41	Hour	\$17.21	\$7.06	\$282.24
Repairs & Maintenance						
Tractors/Self-Propelled	•	8.86	Gallon	\$3.60	\$31.90	\$1,275.84
Implements	•		_			
Interest on Credit Line	•	="		•		
Total Variable Costs \$7,085.50 \$283,419.80		1	Acre			
Planned Returns Above Variable Costs \$114.50 \$4,580.20				8.00%		
Breakeven Price to Cover Variable Costs \$8.86						
FIXED COSTS Quantity Units \$/Unit Total Enterprise Total Machinery Depreciation Tractors/Self-Propelled Implements 1 Acre \$21.62 \$21.62 \$864.68 Implements 1 Acre \$12.28 \$12.28 \$491.10 Equipment Investment Tractors/Self-Propelled Implements \$168.40 Dollars 8.00% \$13.47 \$538.89 Implements \$62.99 Dollars 8.00% \$5.04 \$201.57 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$4,400.00 Total Fixed Costs \$162.41 \$6,496.24 Total Specified Costs \$7,247.90 \$289,916.05 Returns Above Specified Costs (\$47.90) (\$1,916.05)						\$4,580.20
Discrimination Pixel Discrimination Pixel Discrimination Pixel Discrimination Pixel Discrimination Pixel Discrimination	Breakeven Price to Cover Variable Costs			\$8.86	Carton	
Machinery Depreciation Tractors/Self-Propelled 1 Acre \$21.62 \$864.68 Implements 1 Acre \$12.28 \$12.28 \$491.10 Equipment Investment Tractors/Self-Propelled \$168.40 Dollars 8.00% \$13.47 \$538.89 Implements \$62.99 Dollars 8.00% \$5.04 \$201.57 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$110.00 \$4,400.00 Total Fixed Costs \$162.41 \$6,496.24 \$7,247.90 \$289,916.05 Returns Above Specified Costs (\$47.90) \$1,916.05	FIVER COOTS			****		
Tractors/Self-Propelled 1 Acre \$21.62 \$864.68 Implements 1 Acre \$12.28 \$12.28 \$491.10 Equipment Investment Tractors/Self-Propelled \$168.40 Dollars 8.00% \$13.47 \$538.89 Implements \$62.99 Dollars 8.00% \$5.04 \$201.57 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$110.00 \$4,400.00 Total Fixed Costs \$162.41 \$6,496.24 \$7,247.90 \$289,916.05 Returns Above Specified Costs (\$47.90) (\$1,916.05)		Quantity	Units	\$/Unit	lotal	Lotal
Implements	, .			004.00	404.00	4004.00
Equipment Investment Tractors/Self-Propelled \$168.40 Dollars 8.00% \$13.47 \$538.89 Implements \$62.99 Dollars 8.00% \$5.04 \$201.57 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$4,400.00 Total Fixed Costs \$162.41 \$6,496.24 Total Specified Costs \$7,247.90 \$289,916.05 Returns Above Specified Costs (\$47.90) \$1,916.05	•					
Tractors/Self-Propelled Implements \$168.40 Pollars Dollars 8.00% \$13.47 \$538.89 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$110.00 \$4,400.00 Total Fixed Costs \$162.41 \$6,496.24 Total Specified Costs \$7,247.90 \$289,916.05 Returns Above Specified Costs \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24 \$162.41 \$6,496.24	•	ı	Acre	\$12.28	\$12.28	\$491.10
Implements	• •	¢1.00.40	Dallana	0.000/	¢10.47	¢=20.00
Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$4,400.00 Total Fixed Costs \$162.41 \$6,496.24 Total Specified Costs \$7,247.90 \$289,916.05 Returns Above Specified Costs (\$47.90) (\$1,916.05)	·					
Total Fixed Costs \$162.41 \$6,496.24 Total Specified Costs \$7,247.90 \$289,916.05 Returns Above Specified Costs (\$47.90) (\$1,916.05)						
Total Specified Costs \$7,247.90 \$289,916.05 Returns Above Specified Costs (\$47.90) (\$1,916.05)		ı	Acre	φι10.00		
Returns Above Specified Costs (\$47.90) (\$1,916.05)						
	rotal Specified Costs				\$7,247.90	\$289,916.05
Breakeven Price to Cover Total Costs \$9.06 Carton	Returns Above Specified Costs				(\$47.90)	(\$1,916.05)
	Breakeven Price to Cover Total Costs			\$9.06	Carton	

 $\label{lem:conomists} \textbf{Developed by Extension Economists, Texas A\&M AgriLife Extension Service, budgets@tamu.edu.} \\$

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.