2025 Estimated Costs and Returns per Acre Honeydew, Plastic Mulch, Drip Irrigated, Rio Grande Valley South Extension District - 12

Crop Acres 40

Horeydews	REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue						
MARIABLE COSTS	•	000.00	Cuitoi.	Ψ.σ.2σ		
Production Costs					,	
Phosphorus (46% P205)	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	•
Phosphorus (48% P205)		•				
UAN (32% N)	Fertilizer					
Custom	•					
Bee Rental		3.74	CWT	\$19.00	\$71.06	\$2,842.40
Harvest Honeydew						
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 \$120.78 \$4,831.20 \$239.55 \$10.20 \$10.20 \$2.39.55 \$2.39.55 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20 \$10.20		6550	Foot	¢0 02	¢200 0E	¢0 257 00
Sulfuric Acid 27						
Herbicide						
Prefar 4E		27	Ourice	Ψ0.22	Ψ3.00	Ψ200.00
Honeydew Seeds		2.75	Quart	\$23.80	\$65.44	\$2.617.45
Honeydew SeedIngs					******	+=/
Honeydew Seedlings		0.83	Pound	\$634.80	\$526.88	\$21,075.31
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 8 Hour \$15.00 \$120.00 \$4,800.00 Insecticide Admire Pro 0.4375 Pint \$26.28 \$11.50 \$459.90 Asana XL 5.8 Ounce \$0.62 \$3.62 \$144.91 Fungicides Bravo Ultrex 1 Pound \$10.23 \$10.23 \$409.30 Quadris 32 Ounce \$10.23 \$10.23 \$409.30 Irrigation Labor 1.28 Acre/Foot \$33.01 \$38.82 \$1,552.64 Irrigation Labor 0.20 Hour \$17.51 \$349.99 \$13.52.64 Irrigation Labor 0.20 Hour \$17.21 \$3.43 \$137.20 Machinery Labor 1.36 Hour \$17.21 \$23.41 \$936.22 Other Labor 0.41 Hour \$17.21	Honeydew Seedlings	13	Thousand			
Transplant Melons 8 Hour \$15.00 \$120.00 \$4,800.00 Pickup Plastic 8 Hour \$15.00 \$120.00 \$4,800.00 Insecticide 3 Hour \$15.00 \$120.00 \$45,800.00 Admire Pro 0.4375 Pint \$26.28 \$11.50 \$459.90 Asana XL 5.8 Ounce \$0.62 \$3.62 \$144.91 Fungicides Bravo Ultrex 1 Pound \$10.23 \$10.23 \$409.30 Quadris 32 Ounce \$1.56 \$49.99 \$1,999.50 Irrigation 32 Ounce \$1.56 \$49.99 \$1,999.50 Irrigation Labor 0.20 Hour \$17.50 \$3.80 \$137.20 Machinery Labor 0.20 Hour \$17.21 \$3.43 \$137.20 Machinery Labor 0.41 Hour \$17.21 \$7.06 \$282.24 Diesel Fuel Tractors/Self-Propelled 8.86 Gallon \$3.60 \$31.90 \$1,275.						
Pickup Plastic 8 Hour \$15.00 \$120.00 \$4,800.00 Insecticide Admire Pro 0.4375 Pint \$26.28 \$11.50 \$459.90 Asana XL 5.8 Ounce \$0.62 \$3.62 \$144.91 Fungicides Bravo Ultrex 1 Pound \$10.23 \$10.23 \$409.30 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 \$3.43 \$137.20 Machinery Labor 1.36 Hour \$17.21 \$3.43 \$137.20 Machinery Labor 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	Unallocated Labor	0.8992	Hour	\$15.00	\$13.49	\$539.52
Insecticide	Transplant Melons	8	Hour	\$15.00	\$120.00	\$4,800.00
Admire Pro	Pickup Plastic	8	Hour	\$15.00	\$120.00	\$4,800.00
Asana XL	Insecticide					
Fungicides	Admire Pro		Pint	\$26.28	\$11.50	\$459.90
Bravo Ultrex		5.8	Ounce	\$0.62	\$3.62	\$144.91
Quadris 32 Qunce \$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 \$3.43 \$137.20 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 1 Acre \$11.23 \$11.23 \$449.29 Interest on Credit Line 1 Acre \$1.23 \$11.23 \$449.29 Interest on Credit Line 58.79 \$7,033.87 \$281,354.89 Planned Returns Above Variable Costs \$8.79 Cartor Enterprise FIXED COSTS Quantity Units \$(Unit Total Tractors/Self-Propelled 1 Acre \$12.28 \$12.28 \$491.10 Equipment Investment Tractors/Self-Propelled \$168.40 Dollars 8.50% \$5.35 \$214.17 Equipment Investment \$62.99 Dollars 8.50% \$5.35 \$214.17 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$4.400.00 Total Fixed Costs \$962.56 \$36,542.52 Total Specified Costs \$962.56 \$38,502.59 Returns Above Specified Costs \$9862.56 \$38,50	•		_			
Irrigation						
Water Cost		32	Ounce	\$1.56	\$49.99	\$1,999.50
Irrigation Labor	•	1 10	Λ /Γ +	#22.01	#20.00	#1 FF0 C4
Machinery Labor 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 8.50% \$168.45 \$6,737.83 Total Variable Costs 8.50% \$168.45 \$6,737.83 Total Variable Costs \$8.79 Carton Enterprise Breakeven Price to Cover Variable Costs \$8.79 Carton Enterprise 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						
Tractors/Self-Propelled		0.20	Hour	\$17.50	\$3.43	\$137.20
Other Labor Diesel Fuel Diesel Fuel Tractors/Self-Propelled 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 8.50% \$1.20 \$20.32 \$20.32 \$32.32 \$449.29 \$1.20 \$20.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32 \$32.32	•	1 26	Hour	¢17 21	¢22./1	\$026.22
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 8.50% \$168.45 \$6,737.83 Total Variable Costs \$7,033.87 \$281,354.89 Planned Returns Above Variable Costs: \$8.79 Carton Planned Returns Above Variable Costs \$8.79 Carton FIXED COSTS Quantity Units \$1.00 Carton Machinery Depreciation Tractors/Self-Propelled 1 Acre \$21.62 \$21.62 \$864.68 Implements 1 Acre \$12.28 \$12.28 \$491.10 Equipment Investment Tractors/Self-Propelled \$168.40 Dollars 8.50% \$5.35 \$214.17 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$110.00 \$4,400.00 Total Fixed Costs \$962.56 \$38,502.59 Returns Above Specified Costs \$962.56 \$38,502.59 Returns Above Specified Costs \$962.56 \$38,502.59 Salan		0.41	rioui	Ψ17.21	Ψ7.00	Ψ202.24
Repairs & Maintenance		8.86	Gallon	\$3.60	\$31.90	\$1,275.84
Tractors/Self-Propelled Implements 1 Acre Implements \$20.92 \$20.92 \$836.79 Interest on Credit Line Interest on Credit	•	0.00		Ψ0.00	40.100	Ų 1,27 010 1
Implements	·	1	Acre	\$20.92	\$20.92	\$836.79
Total Variable Costs	·	1	Acre			
Planned Returns Above Variable Costs \$1,126.13 \$45,045.11	Interest on Credit Line			8.50%	\$168.45	\$6,737.83
Breakeven Price to Cover Variable Costs \$8.79 Carton Enterprise	Total Variable Costs				\$7,033.87	\$281,354.89
Enterprise Enterprise Enterprise Total	Planned Returns Above Variable Costs:				\$1,126.13	\$45,045.11
PixED COSTS Quantity Units \$/Unit Total Total	Breakeven Price to Cover Variable Costs			\$8.79	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 8.50% \$14.31 \$572.57 Implements \$62.99 Dollars 8.50% \$5.35 \$214.17 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$4,400.00 Total Fixed Costs \$163.56 \$6,542.52 Total Specified Costs \$962.56 \$38,502.59						Enterprise
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 B.50% \$14.31 \$572.57 Implements \$62.99 Dollars B.50% \$5.35 \$214.17 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$110.00 \$4,400.00 Total Fixed Costs \$163.56 \$6,542.52 Total Specified Costs \$7,197.44 \$287,897.41 Returns Above Specified Costs \$962.56 \$38,502.59	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Implements						
Equipment Investment Tractors/Self-Propelled \$168.40 Dollars 8.50% \$14.31 \$572.57 Implements \$62.99 Dollars 8.50% \$5.35 \$214.17 Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$110.00 \$4,400.00 Total Fixed Costs \$163.56 \$6,542.52 Total Specified Costs \$7,197.44 \$287,897.41 Returns Above Specified Costs \$962.56 \$38,502.59	·					
Tractors/Self-Propelled Implements \$168.40 began and the properties of the prope	·	1	Acre	\$12.28	\$12.28	\$491.10
Implements	· ·					
Cash Rent, Irrigated Vegetables 1 Acre \$110.00 \$4,400.00 Total Fixed Costs \$163.56 \$6,542.52 Total Specified Costs \$7,197.44 \$287,897.41 Returns Above Specified Costs \$962.56 \$38,502.59	·					
Total Fixed Costs \$163.56 \$6,542.52 Total Specified Costs \$7,197.44 \$287,897.41 Returns Above Specified Costs \$962.56 \$38,502.59	·					
Total Specified Costs \$7,197.44 \$287,897.41 Returns Above Specified Costs \$962.56 \$38,502.59		1	Acre	\$110.00		
Returns Above Specified Costs \$962.56 \$38,502.59						
	Total Specified Costs				\$7,197.44	\$287,897.41
Breakeven Price to Cover Total Costs \$9.00 Carton	Returns Above Specified Costs				\$962.56	\$38,502.59
	Breakeven Price to Cover Total Costs			\$9.00	Carton	

Developed by Manuel Garcia, Assistant Professor and Extension Specialist, 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.