

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Acre**  
**Honeydew, Plastic Mulch, Drip Irrigated, Rio Grande Valley - 40 Acres**  
**South Extension District - 12**

Crop Acres		40				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Honeydews	800.00	Carton	\$8.00	\$6,400.00	\$256,000.00	
<b>Total Revenue</b>				<b>\$6,400.00</b>	<b>\$256,000.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>						
Herbicide						
Seed						
Prefar 4E	2.75	Quart	\$18.31	\$50.35	\$2,014.10	
Honeydew Seeds	0.83	Pound	\$548.08	\$454.91	\$18,196.26	
Honeydew Seedlings	13	Thousand	\$33.50	\$435.50	\$17,420.00	
Fertilizer						
Phosphorus (46% P2O5)	1.5	CWT	\$25.00	\$37.50	\$1,500.00	
UAN (32% N)	3.74	CWT	\$14.00	\$52.36	\$2,094.40	
Custom						
Bee Rental	1	Hive	\$85.00	\$85.00	\$3,400.00	
Harvest Honeydew	800	Carton	\$1.38	\$1,104.00	\$44,160.00	
Pack and Count Honeydew	800	Carton	\$2.53	\$2,024.00	\$80,960.00	
Sales Consignment Honeydew	800	Carton	\$0.55	\$440.00	\$17,600.00	
Other Labor						
Unallocated Labor	0.8992	Hour	\$12.00	\$10.79	\$431.62	
Transplant Melons	8	Hour	\$12.00	\$96.00	\$3,840.00	
Pickup Plastic	8	Hour	\$12.00	\$96.00	\$3,840.00	
Insecticide						
Admire Pro	0.4375	Pint	\$26.67	\$11.67	\$466.73	
Asana XL	5.8	Ounce	\$0.59	\$3.42	\$136.88	
Miscellaneous						
DripTape (2 seasons)	6550	Foot	\$0.01	\$52.40	\$2,096.00	
Plastic Mulch, 3x4K'	0.61	Roll	\$68.00	\$41.48	\$1,659.20	
Sulfuric Acid	27	Ounce	\$0.01	\$0.40	\$16.00	
Fungicides						
Bravo Ultrex	1	Pound	\$6.93	\$6.93	\$277.20	
Quadris	32	Ounce	\$3.11	\$99.52	\$3,980.80	
Irrigation						
Water Cost	1.18	Acre/Foot	\$20.00	\$23.52	\$940.80	
Irrigation Labor	0.20	Hour	\$12.00	\$2.35	\$94.08	
Machinery Labor						
Tractors/Self-Propelled	1.8	Hour	\$12.00	\$21.60	\$864.00	
Diesel Fuel						
Pickup/General Use Equipment	1	Acre	\$246.96	\$246.96	\$9,878.40	
Tractors/Self-Propelled	9	Gallon	\$2.10	\$18.90	\$756.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$4.73	\$4.73	\$189.00	
Tractors/Self-Propelled	1	Acre	\$17.03	\$17.03	\$681.08	
Implements	1	Acre	\$10.94	\$10.94	\$437.67	
Interest on Credit Line			5.00%	\$69.19	\$2,767.60	
<b>Total Variable Costs</b>				<b>\$5,517.45</b>	<b>\$220,697.80</b>	
<b>Planned Returns Above Variable Costs:</b>				\$882.55	\$35,302.20	
<b>Breakeven Price to Cover Variable Costs</b>				\$6.90	Carton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$47.25	\$47.25	\$1,890.00	
Tractors/Self-Propelled	1	Acre	\$17.59	\$17.59	\$703.79	
Implements	1	Acre	\$12.01	\$12.01	\$480.44	
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$433.13	Dollars	7.00%	\$30.32	\$1,212.75	
Tractors/Self-Propelled	\$137.07	Dollars	7.00%	\$9.59	\$383.79	
Implements	\$66.60	Dollars	7.00%	\$4.66	\$186.48	
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$4,400.00	
<b>Total Fixed Costs</b>				<b>\$231.43</b>	<b>\$9,257.25</b>	
<b>Total Specified Costs</b>				<b>\$5,748.88</b>	<b>\$229,955.05</b>	
<b>Returns Above Specified Costs</b>				\$651.12	\$26,044.95	
<b>Breakeven Price to Cover Total Costs</b>				\$7.19	Carton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Carton	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	600.00	\$9.20	\$9.58
90%	720.00	\$7.66	\$7.98
100%	800.00	\$6.90	\$7.19
110%	880.00	\$6.27	\$6.53
125%	1000.00	\$5.52	\$5.75

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

**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.**