

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Honeydew, Plastic Mulch, Drip Irrigated, Rio Grande Valley - 40 Acres**  
**South Extension District - 12**

Crop Acres		40			
				Total	Enterprise Total
<b>REVENUE</b>					
	Quantity	Units	\$/Unit	Total	Enterprise 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>
<b>VARIABLE COSTS</b>					
				Total	Enterprise Total
<b>Production Costs</b>					
Seed					
	0.83	Pound	\$60.00	\$49.80	\$1,992.00
Honeydew Seeds					
	13	Thousand	\$33.50	\$435.50	\$17,420.00
Honeydew Seedlings					
Fertilizer					
	1.5	CWT	\$24.50	\$36.75	\$1,470.00
Phosphorus (46% P2O5)					
	3.74	CWT	\$18.60	\$69.56	\$2,782.56
UAN (32% N)					
Custom					
	1	Hive	\$85.00	\$85.00	\$3,400.00
Bee Rental					
	800	Carton	\$1.38	\$1,104.00	\$44,160.00
Harvest Honeydew					
	800	Carton	\$2.53	\$2,024.00	\$80,960.00
Pack and Count Honeydew					
	800	Carton	\$0.55	\$440.00	\$17,600.00
Sales Consignment Honeydew					
Other Labor					
	0.8992	Hour	\$9.00	\$8.09	\$323.71
Unallocated Labor					
	8	Hour	\$9.00	\$72.00	\$2,880.00
Transplant Melons					
	8	Hour	\$9.00	\$72.00	\$2,880.00
Pickup Plastic					
Insecticide					
	0.125	Gallon	\$393.02	\$49.13	\$1,965.10
Admire					
	1	Quart	\$9.03	\$9.03	\$361.20
Thiodan 3 EC					
Miscellaneous					
	6550	Foot	\$0.01	\$52.40	\$2,096.00
DripTape (2 seasons)					
	0.61	Roll	\$68.00	\$41.48	\$1,659.20
Plastic Mulch, 3x4K'					
	27	Ounce	\$0.01	\$0.40	\$16.00
Sulfuric Acid					
Herbicide					
	2.75	Quart	\$16.51	\$45.40	\$1,816.10
Prefar 4E					
Fungicides					
	1	Quart	\$12.82	\$12.82	\$512.80
Bravo Ultrex					
	32	Ounce	\$2.86	\$91.52	\$3,660.80
Quadris					
Irrigation					
	1.18	Acre/Foot	\$20.00	\$23.52	\$940.80
Water Cost					
	0.20	Hour	\$9.00	\$1.76	\$70.56
Irrigation Labor					
Machinery Labor					
	1.8	Hour	\$9.00	\$16.20	\$648.00
Tractors/Self-Propelled					
Diesel Fuel					
	1	Acre	\$352.80	\$352.80	\$14,112.00
Pickup/General Use Equipment					
	9	Gallon	\$3.00	\$27.00	\$1,080.00
Tractors/Self-Propelled					
Repairs & Maintenance					
	1	Acre	\$4.73	\$4.73	\$189.00
Pickup/General Use Equipment					
	1	Acre	\$17.03	\$17.03	\$681.08
Tractors/Self-Propelled					
	1	Acre	\$10.94	\$10.94	\$437.67
Implements					
Interest on Credit Line					
			9.00%	\$77.65	\$3,105.96
<b>Total Variable Costs</b>				<b>\$5,230.51</b>	<b>\$209,220.54</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$1,169.49</b>	<b>\$46,779.46</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$6.54</b>	<b>Carton</b>	
<b>FIXED COSTS</b>					
				Total	Enterprise Total
Machinery Depreciation					
	1	Acre	\$47.25	\$47.25	\$1,890.00
Pickup/General Use Equipment					
	1	Acre	\$17.59	\$17.59	\$703.79
Tractors/Self-Propelled					
	1	Acre	\$12.01	\$12.01	\$480.44
Implements					
Equipment Investment					
	\$787.50	Dollars	9.00%	\$70.88	\$2,835.00
Pickup/General Use Equipment					
	\$198.65	Dollars	9.00%	\$17.88	\$715.14
Tractors/Self-Propelled					
	\$114.74	Dollars	9.00%	\$10.33	\$413.05
Implements					
Cash Rent, Irrigated Vegetables					
	1	Acre	\$110.00	\$110.00	\$4,400.00
<b>Total Fixed Costs</b>				<b>\$285.94</b>	<b>\$11,437.41</b>
<b>Total Specified Costs</b>				<b>\$5,516.45</b>	<b>\$220,657.96</b>
<b>Returns Above Specified Costs</b>				<b>\$883.55</b>	<b>\$35,342.04</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$6.90</b>	<b>Carton</b>	

Example Breakeven Prices						
Example Yield Percent	Example Yield Carton	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	600.00	\$8.72	\$8.72	\$9.19	\$9.19	\$0.00
90%	720.00	\$7.26	\$7.26	\$7.66	\$7.66	\$0.00
100%	800.00	\$6.54	\$6.54	\$6.90	\$6.90	\$0.00
110%	880.00	\$5.94	\$5.94	\$6.27	\$6.27	\$0.00
125%	1000.00	\$5.23	\$5.23	\$5.52	\$5.52	\$0.00

Developed by Luis Ribera, Associate 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.**