

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Honeydew, Plastic Mulch, Drip Irrigated, Rio Grande Valley**  
**South Extension District - 12**

Crop Acres		40			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Honeydews	800.00	Carton	\$7.84	\$6,272.00	\$250,880.00
<b>Total Revenue</b>				<b>\$6,272.00</b>	<b>\$250,880.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Honeydew Seeds	0.83	Pound	\$544.02	\$451.54	\$18,061.60
Honeydew Seedlings	13	Thousand	\$33.25	\$432.28	\$17,291.09
Fertilizer					
Phosphorus (46% P2O5)	1.5	CWT	\$25.60	\$38.40	\$1,536.00
UAN (32% N)	3.74	CWT	\$15.25	\$57.04	\$2,281.40
Custom					
Bee Rental	1	Hive	\$85.00	\$85.00	\$3,400.00
Harvest Honeydew	800	Carton	\$2.00	\$1,600.00	\$64,000.00
Pack and Count Honeydew	800	Carton	\$3.00	\$2,400.00	\$96,000.00
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	\$27.74	\$12.13	\$485.39
Asana XL	5.8	Ounce	\$0.61	\$3.56	\$142.36
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
Herbicide					
Prefar 4E	2.75	Quart	\$19.26	\$52.97	\$2,118.83
Fungicides					
Bravo Ultrex	1	Pound	\$7.21	\$7.21	\$288.29
Quadris	32	Ounce	\$2.34	\$74.88	\$2,995.20
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	1.36	Hour	\$12.00	\$16.32	\$652.80
Other Labor	0.41	Hour	\$12.00	\$4.92	\$196.80
Diesel Fuel					
Tractors/Self-Propelled	8.86	Gallon	\$2.30	\$20.38	\$815.12
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$20.14	\$20.14	\$805.79
Implements	1	Acre	\$11.15	\$11.15	\$446.19
Interest on Credit Line			5.00%	\$71.59	\$2,863.51
<b>Total Variable Costs</b>				<b>\$5,682.45</b>	<b>\$227,298.07</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$589.55</b>	<b>\$23,581.93</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$7.10</b>	<b>Carton</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$20.82	\$20.82	\$832.65
Implements	1	Acre	\$12.32	\$12.32	\$492.69
Equipment Investment					
Tractors/Self-Propelled	\$162.16	Dollars	7.00%	\$11.35	\$454.06
Implements	\$61.33	Dollars	7.00%	\$4.29	\$171.71
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$4,400.00
<b>Total Fixed Costs</b>				<b>\$158.78</b>	<b>\$6,351.11</b>
<b>Total Specified Costs</b>				<b>\$5,841.23</b>	<b>\$233,649.18</b>
<b>Returns Above Specified Costs</b>				<b>\$430.77</b>	<b>\$17,230.82</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$7.30</b>	<b>Carton</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Carton	To Cover Variable Costs	To Cover Total Costs
75%	600.00	\$9.47	\$9.74
90%	720.00	\$7.89	\$8.11
100%	800.00	\$7.10	\$7.30
110%	880.00	\$6.46	\$6.64
125%	1000.00	\$5.68	\$5.84

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**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.**