

Southeast Arizona Vegetable Crop Budget Summary

County:	Cochise & Greenlee		Cochise							Greenlee
	Green & Red Chilies	Red Chilies	Iceberg Lettuce	Pumpkins	Sweet Corn	Watermelons	Dry Onions	Garlic	Red Chilies	
	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	
Yield	12.0	2,000.0	475.0	10.0	112.0	10.0	654.0	780.0	2,000.0	
Price	\$200.00	\$0.50	\$8.81	\$102.00	\$8.12	\$122.60	\$5.32	\$1.29	\$0.50	
Other	\$315.00									
<b>Gross Income</b>	<b>\$2,715.00</b>	<b>\$1,000.00</b>	<b>\$4,184.75</b>	<b>\$1,020.00</b>	<b>\$909.44</b>	<b>\$1,226.00</b>	<b>\$3,479.28</b>	<b>\$1,006.20</b>	<b>\$1,000.00</b>	
<b>Preharvest Operating Costs</b>										
<b>Labor Costs</b>										
Machine Operation	\$29.02	\$39.25	\$34.17	\$26.75	\$24.71	\$26.63	\$33.36	\$31.31	\$39.25	
Irrigation	\$25.73	\$26.48	\$27.47	\$25.74	\$28.41	\$27.92	\$27.30	\$27.30	\$31.77	
Other Labor	\$2.05	\$0.85					\$6.82	\$6.82	\$217.85	
<b>Total Labor Costs</b>	<b>\$56.80</b>	<b>\$66.58</b>	<b>\$61.64</b>	<b>\$52.49</b>	<b>\$53.12</b>	<b>\$54.55</b>	<b>\$67.48</b>	<b>\$65.43</b>	<b>\$288.87</b>	
<b>Chemical Costs (including custom application)</b>										
Fertilizer	\$98.01	\$74.56	\$149.34	\$58.33	\$82.87	\$49.49	\$135.46	\$135.46	\$74.56	
Insecticide	\$7.52	\$39.09	\$310.29	\$30.05	\$103.50		\$11.24		\$39.09	
Herbicide	\$9.87	\$13.56	\$47.32	\$3.29	\$8.96	\$3.29	\$38.85	\$100.24	\$13.65	
Other Chemicals	\$33.85			\$25.61						
<b>Total Chemical Costs</b>	<b>\$149.25</b>	<b>\$127.21</b>	<b>\$506.95</b>	<b>\$117.28</b>	<b>\$195.33</b>	<b>\$52.78</b>	<b>\$185.55</b>	<b>\$235.70</b>	<b>\$127.30</b>	
<b>Machinery Fuel and Repair Costs</b>										
Diesel/Gasoline	\$13.84	\$21.74	\$19.18	\$13.57	\$14.43	\$14.35	\$16.64	\$13.26	\$20.59	
Repairs	\$21.11	\$35.98	\$32.83	\$21.79	\$25.97	\$23.77	\$32.28	\$23.36	\$35.11	
<b>Total Machinery Costs</b>	<b>\$34.95</b>	<b>\$57.72</b>	<b>\$52.01</b>	<b>\$35.36</b>	<b>\$40.40</b>	<b>\$38.12</b>	<b>\$48.92</b>	<b>\$36.62</b>	<b>\$55.70</b>	
<b>Pump Fuel and Repair Costs</b>										
Electricity		\$292.03					\$208.59	\$208.59	\$59.12	
Natural Gas	\$161.85		\$170.84	\$125.88	\$143.86	\$173.84				
Repairs	\$27.58	\$24.66	\$29.11	\$21.45	\$24.51	\$29.62	\$17.61	\$17.61	\$5.60	
<b>Total Pump Costs</b>	<b>\$189.43</b>	<b>\$316.69</b>	<b>\$199.95</b>	<b>\$147.33</b>	<b>\$168.37</b>	<b>\$203.46</b>	<b>\$226.20</b>	<b>\$226.20</b>	<b>\$64.72</b>	
Surface Water Costs w/o Assessment										
<b>Total Water Costs</b>	<b>\$189.43</b>	<b>\$316.69</b>	<b>\$199.95</b>	<b>\$147.33</b>	<b>\$168.37</b>	<b>\$203.46</b>	<b>\$226.20</b>	<b>\$226.20</b>	<b>\$64.72</b>	
<b>Other Costs</b>										
Seed	\$180.56	\$180.56	\$126.60	\$272.65	\$116.60	\$58.45	\$938.95	\$10.50	\$180.00	
Services	\$75.00	\$300.00	\$150.00			\$75.00	\$3.00			
<b>Total Other Costs</b>	<b>\$255.56</b>	<b>\$480.56</b>	<b>\$276.60</b>	<b>\$272.65</b>	<b>\$116.60</b>	<b>\$133.45</b>	<b>\$941.95</b>	<b>\$10.50</b>	<b>\$180.00</b>	
<b>Total Preharvest Costs</b>	<b>\$685.99</b>	<b>\$1,048.76</b>	<b>\$1,097.15</b>	<b>\$625.11</b>	<b>\$573.82</b>	<b>\$482.36</b>	<b>\$1,470.10</b>	<b>\$574.45</b>	<b>\$716.59</b>	
<b>Harvest Operating Costs</b>										
Labor	\$1.70	\$40.37		\$131.22	\$250.22	\$120.51	\$0.41	\$0.41	\$40.37	
Machinery	\$1.70	\$61.27		\$49.88	\$45.92	\$55.35	\$0.68	\$0.47	\$60.98	
Custom	\$1,230.00	\$60.00	\$1,140.00				\$2,151.66	\$910.00	\$60.00	
Other		\$10.02	\$440.99		\$189.06	\$189.90	\$607.17	\$781.75	\$10.02	
<b>Total Harvest Costs</b>	<b>\$1,233.40</b>	<b>\$171.66</b>	<b>\$1,580.99</b>	<b>\$181.10</b>	<b>\$485.20</b>	<b>\$365.76</b>	<b>\$2,759.92</b>	<b>\$1,692.63</b>	<b>\$171.37</b>	
Pickup Use	\$20.60	\$20.60	\$15.45	\$5.15	\$7.73	\$15.45	\$15.45	\$15.45	\$20.19	
Operating Interest	\$22.59	\$48.43	\$27.77	\$18.91	\$8.57	\$6.86	\$65.61	\$21.49	\$28.61	
<b>Total Operating Cost</b>	<b>\$1,962.58</b>	<b>\$1,289.45</b>	<b>\$2,721.36</b>	<b>\$830.27</b>	<b>\$1,075.32</b>	<b>\$870.43</b>	<b>\$4,311.08</b>	<b>\$2,304.02</b>	<b>\$936.76</b>	
<b>Net Cash Returns</b>	<b>\$752.42</b>	<b>(\$289.45)</b>	<b>\$1,463.39</b>	<b>\$189.73</b>	<b>(\$165.88)</b>	<b>\$355.57</b>	<b>(\$831.80)</b>	<b>(\$1,297.82)</b>	<b>\$63.24</b>	
<b>Ownership Costs</b>										
Cash Overhead	\$177.60	\$127.00	\$239.93	\$85.83	\$107.42	\$94.68	\$360.39	\$199.38	\$88.13	
Capital Allocations	\$126.90	\$167.74	\$138.89	\$136.77	\$143.51	\$166.60	\$97.16	\$93.64	\$125.83	
Land Rent	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$30.62	\$50.00	\$50.00	
Management	\$157.01	\$103.16	\$217.71	\$66.42	\$86.03	\$69.63	\$344.89	\$184.32	\$74.99	
<b>Total Ownership Cost</b>	<b>\$511.51</b>	<b>\$447.90</b>	<b>\$646.53</b>	<b>\$339.02</b>	<b>\$386.96</b>	<b>\$380.91</b>	<b>\$833.06</b>	<b>\$527.34</b>	<b>\$338.95</b>	
<b>TOTAL COST</b>	<b>\$2,474.09</b>	<b>\$1,737.35</b>	<b>\$3,367.89</b>	<b>\$1,169.29</b>	<b>\$1,462.84</b>	<b>\$1,251.34</b>	<b>\$5,144.14</b>	<b>\$2,831.36</b>	<b>\$1,275.71</b>	
<b>Return To Risk</b>	<b>\$240.91</b>	<b>(\$737.35)</b>	<b>\$816.86</b>	<b>(\$149.29)</b>	<b>(\$552.84)</b>	<b>(\$25.34)</b>	<b>(\$1,664.86)</b>	<b>(\$1,825.16)</b>	<b>(\$275.71)</b>	
<b>Resource Use</b>										
Water (Acre-Inches)	54.00	56.00	57.00	42.00	48.00	58.00	40.00	40.00	56.00	
Labor Man-hours	7.82	14.01	8.20	25.06	42.74	23.39	9.12	8.87	40.51	
Diesel ( Gallons)	18.60	40.40	24.60	37.80	37.20	37.90	21.60	17.20	39.50	
Gasoline (Gallons)	8.00	8.00	6.00	2.00	3.00	6.00	6.00	6.00	8.00	
Electricity (Kwh)		3893.70					2781.20	2781.20	884.90	
Natural Gas ( Therms)	436.70		460.90	339.60	388.10	469.00				
Nitrogen (Pounds)	234.40	216.70	270.30	124.10	181.30	88.00	256.40	256.40	216.70	
Phosphorous (Pounds)	106.00	38.80	238.50	132.50	106.00	60.00	212.00	212.00	38.80	