## Projections for Planning Purposes Only -- Not to be Used without Updating 2025 Estimated Costs and Returns per Acre Peaches, Drip Irrigated, Years 5-20 Southwest Extension District - 10

Crop Acres 50

Peaches   202.00   Bushel   \$50.00   \$10,100.00   \$505,000.00   Enterprise   Total   Peaches   Total   Sylunt   Total   Tota	REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
VARIABLE COSTS						\$505,000.00
MARIABLE COSTS	Total Revenue			_	\$10,100.00	\$505,000.00
Production Costs	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	
Ammonium Sulfate (21% N)   2.55   CWT   \$22.45   \$57.25   \$2,862.36	Production Costs	•				
Miscellaneous   Miscellaneous Peach Overhead   1   Acre   \$4.00   \$4.00   \$200.00	Fertilizer					
Miscellaneous Peach Overhead   1   Acre   \$4.00   \$4.00   \$200.00	Ammonium Sulfate (21% N)	2.55	CWT	\$22.45	\$57.25	\$2,862.38
Insecticide	Miscellaneous					
Dormant Oil   6.5   Gallon   \$8.50   \$55.25   \$2.762.55   Permethrin 36.8%   0.4   Ounce   \$0.51   \$0.20   \$10.16   Carbaryl 4L   2.5   Quart   \$12.19   \$30.47   \$15.23 4   Herbicide   Glyphosate   12   Pint   \$1.63   \$19.58   \$978.75   Other Labor   Hand Labor   140   Hour   \$8.50   \$1,190.00   \$59,500.00   Fungicides   Captan 4L   3   Quart   \$8.63   \$25.88   \$1,293.75   Irigation   Energy Cost   940.80   kWh   \$0.17   \$159.94   \$7,996.86   Machinery Labor   Tractors/Self-Propelled   0.86   Hour   \$17.21   \$14.80   \$740.00   Fungicides   Fun	Miscellaneous Peach Overhead	1	Acre	\$4.00	\$4.00	\$200.00
Permethrin 36.8%	Insecticide					
Carbaryl 4L	Dormant Oil	6.5	Gallon	\$8.50	\$55.25	\$2,762.50
Herbicide   12	Permethrin 36.8%	0.4	Ounce	\$0.51	\$0.20	\$10.16
Glyphosate	Carbaryl 4L	2.5	Quart	\$12.19	\$30.47	\$1,523.44
Other Labor   Hand Labor   Captan 4L   3   Quart   \$8.63   \$25.88   \$1,293.7!	Herbicide					
Hand Labor	Glyphosate	12	Pint	\$1.63	\$19.58	\$978.75
Fungicides	Other Labor					
Captan 4L   3   Quart   \$8.63   \$25.88   \$1,293.75     Irrigation   Energy Cost   940.80   kWh   \$0.17   \$159.94   \$7,996.80     Machinery Labor   Tractors/Self-Propelled   0.86   Hour   \$17.21   \$14.80   \$740.00     Diesel Fuel   Tractors/Self-Propelled   2.72   Gallon   \$3.00   \$8.16   \$408.00     Gasoline   Pickup/General Use Equipment   1   Acre   \$95.03   \$95.03   \$4,751.60     Tractors/Self-Propelled   0.4092262   Gallon   \$2.75   \$1.13   \$56.20     Repairs & Maintenance   Pickup/General Use Equipment   1   Acre   \$7.36   \$7.36   \$368.00     Tractors/Self-Propelled   1   Acre   \$7.36   \$7.36   \$368.00     Tractors/Self-Propelled   1   Acre   \$7.59   \$7.59   \$379.75     Implements   1   Acre   \$7.59   \$7.59   \$379.75     Interest on Credit Line   8   8   86.00   \$81.61   \$3.080.75     Total Variable Costs   \$8.70   \$8.870   \$81.90     Planned Returns Above Variable Costs   \$8.70   \$8.870     FixED COSTS   Quantity   Units   \$7/Unit   Total   Total     Machinery Depreciation   Pickup/General Use Equipment   1   Acre   \$90.00   \$90.00   \$4,500.00     Irrigation Equipment   \$375.00   Dollars   \$8.60%   \$32.25   \$1,612.50     Irrigation Equipment   \$269.35   Dollars   \$8.60%   \$64.1   \$320.60     Irrigation Equipment   \$269.35   Dollars   \$8.60%   \$64.1   \$320.60     Irrigation Equipment   \$269.35   Dollars   \$8.60%   \$64.1   \$320.60     Irrigation Equipment   \$269.35   Dollars   \$8.60%   \$6.41   \$320.60     Irrigation Equipment   \$269.35   Dollars   \$8.60%   \$6.41   \$320.60     Irrigation Equipment   \$1   Acre   \$5.21   \$33.33   \$33.33   \$33.33   \$35.00	Hand Labor	140	Hour	\$8.50	\$1,190.00	\$59,500.00
Captan 4L   3   Quart   \$8.63   \$25.88   \$1,293.75     Irrigation   Energy Cost   940.80   kWh   \$0.17   \$159.94   \$7,996.80     Machinery Labor   Tractors/Self-Propelled   0.86   Hour   \$17.21   \$14.80   \$740.00     Diesel Fuel   Tractors/Self-Propelled   2.72   Gallon   \$3.00   \$8.16   \$408.00     Gasoline   Pickup/General Use Equipment   1   Acre   \$95.03   \$95.03   \$4,751.60     Tractors/Self-Propelled   0.4092262   Gallon   \$2.75   \$1.13   \$56.20     Repairs & Maintenance   Pickup/General Use Equipment   1   Acre   \$7.36   \$7.36   \$368.00     Tractors/Self-Propelled   1   Acre   \$7.36   \$7.36   \$368.00     Tractors/Self-Propelled   1   Acre   \$7.59   \$7.59   \$379.70     Implements   1   Acre   \$7.59   \$7.59   \$379.70     Implements   1   Acre   \$2.53   \$2.53   \$126.50     Interest on Credit Line   \$8.60%   \$61.61   \$33,080.70     Total Variable Costs   \$8.70   Bushel     FixED COSTS   Quantity   Units   \$7/Unit   Total   Total     Machinery Depreciation   Pickup/General Use Equipment   1   Acre   \$90.00   \$90.00   \$4,500.00     Irrigation Equipment   \$375.00   Dollars   \$8.60%   \$64.1   \$320.60     Implements   \$1   Acre   \$5.21   \$5.21   \$5.21     Irrigation Equipment   \$269.35   Dollars   \$8.60%   \$6.41   \$320.60     Irrigation Equipment   \$269.35   Dollars   \$8.60%   \$6.41   \$320.60     Irrigation Equipment   \$1   Acre   \$5.21   \$5.21   \$5.21     Irrigation Equipment   \$1   Acre   \$5.21   \$5.21   \$5.21     Irrigation Equipment   \$1   Acre   \$1.40   \$1.40     Irrigation Equipment   \$1	Fungicides					
Irrigation	•	3	Quart	\$8.63	\$25.88	\$1,293.75
Energy Cost						
Machinery Labor   Tractors/Self-Propelled   0.86   Hour   \$17.21   \$14.80   \$740.00		940.80	kWh	\$0.17	\$159.94	\$7,996.80
Diesel Fuel   Tractors/Self-Propelled   2.72   Gallon   \$3.00   \$8.16   \$408.00   Gasoline   Pickup/General Use Equipment   1   Acre   \$95.03   \$95.03   \$4,751.60   Tractors/Self-Propelled   0.4092262   Gallon   \$2.75   \$1.13   \$56.21   Sec.21   Sec.22						
Diesel Fuel   Tractors/Self-Propelled   2.72   Gallon   \$3.00   \$8.16   \$408.00   Gasoline   Pickup/General Use Equipment   1   Acre   \$95.03   \$95.03   \$4,751.60   Tractors/Self-Propelled   0.4092262   Gallon   \$2.75   \$1.13   \$56.21   Sec.21   Sec.22	· · · · · · · · · · · · · · · · · · ·	0.86	Hour	\$17.21	\$14.80	\$740.03
Repairs & Maintenance	•					
Repairs & Maintenance	Tractors/Self-Propelled	2.72	Gallon	\$3.00	\$8.16	\$408.00
Tractors/Self-Propelled   0.4092262   Gallon   \$2.75   \$1.13   \$56.27   Repairs & Maintenance	•			,	, , ,	,
Tractors/Self-Propelled   0.4092262   Gallon   \$2.75   \$1.13   \$56.27   Repairs & Maintenance		1	Acre	\$95.03	\$95.03	\$4,751.60
Repairs & Maintenance						
Pickup/General Use Equipment	•				*****	****
Irrigation Equipment	·	1	Acre	\$17.28	\$17.28	\$864.00
Tractors/Self-Propelled						
Implements						
Interest on Credit Line	•					
Total Variable Costs   S1,758.05   \$87,902.70			Acic			
Planned Returns Above Variable Costs				0.0070		
Breakeven Price to Cover Variable Costs   \$8.70   Bushel   Enterprise				=		
Machinery Depreciation				¢0.70 F		\$417,097.30
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$8.70 E	Busnei	F-4
Machinery Depreciation         1         Acre         \$90.00         \$90.00         \$4,500.00           Irrigation Equipment         1         Acre         \$134.68         \$134.68         \$6,733.78           Tractors/Self-Propelled         1         Acre         \$9.40         \$9.40         \$469.87           Implements         1         Acre         \$5.21         \$5.21         \$260.36           Equipment Investment         Pickup/General Use Equipment         \$375.00         Dollars         8.60%         \$32.25         \$1,612.56           Irrigation Equipment         \$269.35         Dollars         8.60%         \$23.16         \$1,158.2°           Tractors/Self-Propelled         \$74.56         Dollars         8.60%         \$23.16         \$1,158.2°           Implements         \$25.47         Dollars         8.60%         \$2.19         \$109.5°           Allocated Establishment Cost         1         Acre         \$581.04         \$29,052.00           Irrigated Winter Garden Rent         1         Acre         \$50.00         \$2,500.00           Total Specified Costs         \$7,407.61         \$370,380.50	FIVED COCTO	0	11-14-	ф/I I :+	T-4-1	
Pickup/General Use Equipment Irrigation Equipment         1         Acre         \$90.00         \$90.00         \$4,500.00           Irrigation Equipment         1         Acre         \$134.68         \$134.68         \$6,733.71           Tractors/Self-Propelled         1         Acre         \$9.40         \$9.40         \$469.35           Implements         1         Acre         \$5.21         \$5.21         \$260.36           Equipment Investment         Pickup/General Use Equipment         \$375.00         Dollars         8.60%         \$32.25         \$1,612.50           Irrigation Equipment         \$269.35         Dollars         8.60%         \$23.16         \$1,158.21           Tractors/Self-Propelled         \$74.56         Dollars         8.60%         \$23.16         \$1,158.21           Implements         \$25.47         Dollars         8.60%         \$6.41         \$320.60           Implements         \$25.47         Dollars         8.60%         \$2.19         \$109.51           Allocated Establishment Cost         1         Acre         \$581.04         \$29,052.00           Irrigated Winter Garden Rent         1         Acre         \$50.00         \$2,500.00           Total Specified Costs         \$2,692.39         \$134,619		Quantity	Units	\$/Unit	rotai	rotai
Irrigation Equipment		4	A	¢00.00	¢00.00	¢4 500 00
Tractors/Self-Propelled		=				
Implements		=				
Equipment Investment         \$375.00         Dollars         8.60%         \$32.25         \$1,612.55           Irrigation Equipment         \$269.35         Dollars         8.60%         \$23.16         \$1,158.2           Tractors/Self-Propelled         \$74.56         Dollars         8.60%         \$6.41         \$320.60           Implements         \$25.47         Dollars         8.60%         \$2.19         \$109.5           Allocated Establishment Cost         1         Acre         \$581.04         \$581.04         \$29,052.00           Irrigated Winter Garden Rent         1         Acre         \$50.00         \$50.00         \$2,500.00           Total Fixed Costs         \$934.34         \$46,716.77         \$2,692.39         \$134,619.49           Returns Above Specified Costs         \$7,407.61         \$370,380.55		=				
Pickup/General Use Equipment Irrigation Equipment         \$375.00         Dollars         8.60%         \$32.25         \$1,612.50           Tractors/Self-Propelled Implements         \$269.35         Dollars         8.60%         \$23.16         \$1,158.2°           Allocated Establishment Cost Irrigated Winter Garden Rent         1         Acre         \$581.04         \$21.9         \$109.5°           Total Fixed Costs         1         Acre         \$50.00         \$2,500.00           Total Specified Costs         \$2,692.39         \$134,619.45           Returns Above Specified Costs         \$7,407.61         \$370,380.55		1	Acre	\$5.21	\$5.21	\$260.36
Irrigation Equipment   \$269.35   Dollars   8.60%   \$23.16   \$1,158.2     Tractors/Self-Propelled   \$74.56   Dollars   8.60%   \$6.41   \$320.60     Implements   \$25.47   Dollars   8.60%   \$2.19   \$109.5     Allocated Establishment Cost   1   Acre   \$581.04   \$581.04   \$29,052.00     Irrigated Winter Garden Rent   1   Acre   \$50.00   \$50.00   \$2,500.00     Total Fixed Costs   \$934.34   \$46,716.75     Total Specified Costs   \$2,692.39   \$134,619.45     Returns Above Specified Costs   \$7,407.61   \$370,380.55     State		AC== 0 -	D !!	0.000/	<b>***</b>	<b>#4 212 F</b>
Tractors/Self-Propelled   \$74.56   Dollars   8.60%   \$6.41   \$320.60						
Implements						
Allocated Establishment Cost 1 Acre \$581.04 \$581.04 \$29,052.00	•					
Irrigated Winter Garden Rent         1         Acre         \$50.00         \$50.00         \$2,500.00           Total Fixed Costs         \$934.34         \$46,716.75           Total Specified Costs         \$2,692.39         \$134,619.45           Returns Above Specified Costs         \$7,407.61         \$370,380.55						
Total Fixed Costs         \$934.34         \$46,716.75           Total Specified Costs         \$2,692.39         \$134,619.45           Returns Above Specified Costs         \$7,407.61         \$370,380.55						\$29,052.00
Total Specified Costs         \$2,692.39         \$134,619.45           Returns Above Specified Costs         \$7,407.61         \$370,380.55	•	1	Acre	\$50.00		\$2,500.00
Returns Above Specified Costs \$7,407.61 \$370,380.58				_	\$934.34	\$46,716.75
	Total Specified Costs			_	\$2,692.39	\$134,619.45
Breakeven Price to Cover Total Costs \$13.33 Bushel	Returns Above Specified Costs			_	\$7,407.61	\$370,380.55
	Breakeven Price to Cover Total Costs			\$13.33 E	Bushel	

		Examp	Example Breakeven Prices			
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Bushel	Costs	Costs			
75%	151.50	\$11.60	\$17.77			
90%	181.80	\$9.67	\$14.81			
100%	202.00	\$8.70	\$13.33			
110%	222.20	\$7.91	\$12.12			
125%	252.50	\$6.96	\$10.66			

 $\label{lem:conomists} \textbf{Developed by Extension Agricultural Economists, Texas A\&M AgriLife Extension, budgets@tamu.edu.} \\$ 

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.