

AF-CC-71-1

ESTABLISH AN ALFALFA STAND

Border Irrigation - Coastal Area
1971 - Cost Analysis Work Sheet

					Operating Costs/Hour				
					Fuel & Repairs	Deprec.	Interest	Total	
Equipment Operator -	\$2.60*	per hr.	total		CT-Crawler Tractor 75 hp	\$3.80	\$2.00	\$1.20	\$7.00
Irrigator -	2.30*	" "	" "		WT-Wheel Tractor 50 hp	1.20	1.40	.55	3.15
Hand Labor -	2.10*	" "	" "		SWT-Wheel Tractor 30 hp	1.00	.40	.25	1.65
Operation	Tractor	Acres /Hour	Hours /Acre	Labor	Fuel & Repairs	Materials		Cost/Acre	
						Kind and Amount	Costs	Sample	Yours
<u>Cultural Costs</u>		Ac.	Hr.	\$	\$		\$	\$	
Disc 3x	CT	1.25	.75	1.95	2.85				4.80
Plow	WT	1.25	.75	1.95	.90				2.85
Landplane	CT	2.00	.50	1.30	1.90				3.20
Establish borders-custom							10.00		10.00
Fertilize-custom						Material \$15 - Appl. \$2	17.00		17.00
Plant	SWT	4.00	.25	.65	.25	Seed - 30 lbs. @ 70¢	21.00		21.90
Ring roll	SWT	4.00	.25	.65	.25				.90
Irrigate 3x**		.60	1.67	3.84	1.00	Water - .5 ac. ft. @ \$6.50	3.25		8.09
Repairs to equipment					5.80				5.80
Total Cultural Costs			4.17	\$10.34	\$12.95		\$51.25		\$74.54
Business & Miscellaneous Costs						6% of cultural costs			4.47
Depreciation & Interest						<u>Depreciation</u>	<u>Interest 7%</u>		
						CT-tractor 1.25 hrs.	\$2.50	\$1.50	
						WT-tractor .75 hrs.	1.05	.41	
						SWT-tractor .50 hrs.	.20	.13	
						Stand establishment share other equip. (\$24 - 10 yrs.)	2.40	.84	
Total Depreciation and Interest							\$6.15	\$2.88	\$ 9.03
Total Cost to Establish Stand									\$88.04

*Social Security, Workman's Compensation Insurance included.

**Sprinkler rental not included.

ESTABLISH AN ALFALFA STAND

Sprinkler Irrigation - Coastal Area
1971 - Cost Analysis Work Sheet

						Operating Costs/Hour				
						Fuel & Repairs	Deprec.	Interest	Total	
Equipment Operator - \$2.60* per hr. total						CT-Crawler Tractor 75 hp	\$3.80	\$2.00	\$1.20	\$7.00
Irrigator - 2.30* " " "						WT-Wheel Tractor 50 hp	1.20	1.40	.55	3.15
Hand Labor - 2.10* " " "						SWT-Wheel Tractor 30 hp	1.00	.40	.25	1.65
Operation	Trac- tor	Acres /Hour	Hours /Acre	Labor \$	Fuel & Repairs \$	Materials		Cost/Acre		
						Kind and Amount	Costs \$	Sample	Yours	
<u>Cultural Costs</u>										
Disc 3x	CT	1.25	.75	1.95	2.85				4.80	
Plow	WT	1.25	.75	1.95	.90				2.85	
Landplane	CT	2.00	.50	1.30	1.90				3.20	
Fertilize-custom						Material \$15 - Appl. \$2	17.00	17.00		
Plant	SWT	4.00	.25	.65	.25	Seed - 30 lbs. @ 70¢/lb.	21.00	21.90		
Ring roll	SWT	4.00	.25	.65	.25			.90		
Sprinkler 3x		.60	1.67	3.84	1.00	Water - .5 ac. ft. @ \$6.50	3.25	8.09		
Repairs to equipment					5.80			5.80		
<u>Total Cultural Costs</u>			4.17	\$10.34	\$12.95		\$41.25	\$64.54		
<u>Business & Miscellaneous Costs</u>						6% of cultural costs		3.87		
<u>Depreciation & Interest</u>						<u>Depreciation</u>	<u>Interest</u>			
CT-tractor 1.25 hrs.						\$2.50	\$1.50			
WT-tractor .75 hrs.						1.05	.41			
SWT-tractor .50 hrs.						.20	.13			
Stand establishment share other equipment (\$24 - 10 yrs.)						2.40	.84			
<u>Total Depreciation & Interest</u>						\$6.15	\$2.88	\$ 9.03		
<u>Total Cost to Establish the Stand</u>								\$77.44		

*Social Security, Workman's Compensation Insurance included.