

CUCUMBERS, IRRIGATED, WINTER GARDEN REGIONEstimated Costs, And Requirements Per Acre Of Cucumbers, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	<u>2/</u>	1	.25	.20	\$.11	\$.22
Disc	1,5	<u>2/</u>	2	.63	.50	.44	.60
Break	1,4	<u>2/</u>	1	.63	.50	.50	.48
Disc	1,5	<u>2/</u>	1	.31	.25	.22	.30
Bed	1,6	<u>2/</u>	1	.21	.17	.11	.11
Re-Bed	1,6	<u>2/</u>	1	.21	.17	.11	.11
Plane	1,13	<u>2/</u>	2	.50	.40	.26	.66
Fertilize	1	<u>2/</u>	1	.21	.17	-	-
Bed	1,6	<u>2/</u>	1	.21	.17	.11	.11
Spray Herbicide	1,14	<u>2/</u>	1	.31	.25	.16	.21
Incorporate Herbicide	1,7	<u>2/</u>	1	.25	.20	.24	.25
Shape Beds	2,12	<u>2/</u>	1	.21	.17	.05	.13
Plant	1,10	Feb-Aug	1	.31	.25	.17	.26
Rolling Cult.	1,7	<u>2/</u>	2	.50	.40	.48	.50
Cultivate	1,8	<u>2/</u>	4	1.25	1.00	.62	.65
Side Dress Fertilizer	1	<u>2/</u>	2	.63	.50	-	-
Make Ditches	2,15	<u>2/</u>	5	.63	.50	.03	.08
Level Ditches	2,16	<u>2/</u>	5	<u>.63</u>	<u>.50</u>	<u>.05</u>	<u>.11</u>
Total				7.88	6.30	\$ 3.66	\$ 4.78
Irrigate:	18	Feb-May	5	12.5	10.0	\$25.30	\$21.20

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

(2) Depends on crop followed and whether spring or fall crop.

SORGHUM FORAGE, IRRIGATED, WINTER GARDEN REGIONEstimated Costs And Returns Per Acre Of Sorghum Forage, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grazing	AUM <u>1</u> /	\$ 6.00	6	\$ 36.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.19	20	\$ 3.80
Fertilizer (100-0-0)	ac.	11.00	1	11.00
Machinery	ac.	2.14	1	2.14
Tractor (1)	hr.	1.03	2.39	2.46
Tractor (2)	hr.	.67	.60	.40
Labor, Tractor	hr.	1.75	3.74	6.55
Irrigation Machinery	ac.	10.12	1	10.12
Irrigation Labor	hr.	1.40	5	7.00
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.085	22.49	<u>1.91</u>
Subtotal, Pre-Harvest				\$ 46.88
Harvest:				
None				
Total Variable Costs				\$ 46.88
3. Income Above Variable Costs				\$(10.88)
4. Fixed Costs:				
Machinery	ac.	2.70	1	\$ 2.70
Tractor (1)	hr.	1.04	2.39	2.49
Tractor (2)	hr.	.87	.60	.52
Irrigation Machinery	ac.	8.48	1	8.48
Land (1/2 year)	\$	.03	400	12.00
Taxes (1/2 year)	ac.	1.00	1	1.00
Pickup Expense	ac.	.98	1	<u>.98</u>
Total Fixed Cost				\$ 28.17
5. Total Costs				\$ 75.05
6. Net Returns				\$(39.05)

1/ Animal Unit Per Month

SORGHUM FORAGE, IRRIGATED, WINTER GARDEN REGIONEstimated Costs, And Requirements Of
Sorghum Forage, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Aug-Sep	1	.25	.20	\$.12	\$.22
Disc	1,5	Aug-Oct	2	.63	.50	.48	.60
Break	1,4	Aug-Oct	1	.63	.50	.55	.48
Disc	1,5	Aug-Oct	1	.31	.25	.24	.30
Float	1,13	Aug-Oct	1	.25	.20	.14	.33
Fertilize	1	Dec-Jan	1	.13	.10	-	-
Bed	1,6	Dec-Jan	1	.21	.17	.12	.11
Re-Bed	1,6	Jan-Mar	1	.21	.17	.12	.11
Plant	1,9	Mar-May	1	.31	.25	.15	.21
Cultivate	1,8	Mar-May	1	.31	.25	.17	.22
Make Ditches	2,15	Mar-Jul	2	.25	.20	.02	.05
Level Ditches	2,16	Mar-Jul	2	<u>.25</u>	<u>.20</u>	<u>.03</u>	<u>.07</u>
Total				3.74	2.99	\$ 2.14	\$ 2.70
Irrigation:	18	Mar-Jul	2	5.00	4.00	\$10.12	\$ 8.48

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

SORGHUM HAY, IRRIGATED, WINTER GARDEN REGIONEstimated Costs And Returns Per Acre Of Sorghum Hay, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Hay	ton	\$ 25.00	8	\$200.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.19	20	\$ 3.80
Fertilizer (150-0-0)	ac.	16.50	1	16.50
Machinery	ac.	2.16	1	2.16
Tractor (1)	hr.	1.03	2.59	2.67
Tractor (2)	hr.	.67	.80	.54
Labor, Tractor	hr.	1.75	4.26	7.46
Irrigation Machinery	ac.	15.18	1	15.18
Irrigation Labor	hr.	1.40	7.5	10.50
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.085	30.16	2.56
Subtotal, Pre-Harvest				\$ 62.87
Harvest:				
Custom Mow, Rake, Bale, Haul	bale	.45	265	\$119.25
Total Variable Costs				\$182.12
3. Income Above Variable Costs				\$ 17.88
4. Fixed Costs:				
Machinery	ac.	2.74	1	\$ 2.74
Tractor (1)	hr.	1.04	2.59	2.69
Tractor (2)	hr.	.87	.80	.70
Irrigation Machinery	ac.	12.72	1	12.72
Land (1/2 year)	\$	.03	400	12.00
Taxes (1/2 year)	ac.	1.00	1	1.00
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 32.83
5. Total Costs				\$214.95
6. Net Returns				\$(14.95)

SORGHUM HAY, IRRIGATED, WINTER GARDEN REGIONEstimated Costs, And Requirements Per Acre Of Sorghum Hay, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Aug-Sep	1	.25	.20	\$.12	\$.22
Disc	1,5	Aug-Oct	2	.63	.50	.48	.60
Break	1,4	Aug-Oct	1	.63	.50	.55	.48
Disc	1,5	Aug-Oct	1	.31	.25	.24	.30
Float	1,13	Aug-Oct	1	.25	.20	.14	.33
Fertilize	1	Dec-Jan	1	.13	.10	-	-
Bed	1,6	Dec-Jan	1	.21	.17	.12	.11
Re-Bed	1,6	Jan-Mar	1	.21	.17	.12	.11
Plant	1,9	Mar-May	1	.31	.25	.15	.21
Cultivate	1,8	Mar-May	1	.31	.25	.17	.22
Fertilize	1	Mar-Aug	2	.26	.20	-	-
Make Ditches	2,15	Mar-Aug	3	.38	.30	.03	.07
Level Ditches	2,16	Mar-Aug	3	<u>.38</u>	<u>.30</u>	<u>.04</u>	<u>.09</u>
Total				4.26	3.39	\$ 2.16	\$ 2.74
Irrigation:	18	Mar-Aug	3	7.5	6.00	\$15.18	\$12.72

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

GRAIN SORGHUM, IRRIGATED, WINTER GARDEN REGION

Estimated Costs And Returns Per Acre Of Grain Sorghum, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grain Sorghum	cwt.	\$ 2.00	55	\$110.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.25	6.5	\$ 1.63
Fertilizer (100-60-0)	ac.	16.40	1	16.40
Herbicide	ac.	3.00	1	3.00
Machinery	ac.	2.71	1	2.71
Tractor (1)	hr.	.94	2.92	2.74
Tractor (2)	hr.	.61	1.05	.64
Labor, Tractor	hr.	1.75	4.97	8.70
Irrigation Machinery	ac.	15.18	1	15.18
Irrigation Labor	hr.	1.40	7.50	10.50
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.08	31.50	2.52
Subtotal, Pre-Harvest				\$ 65.52
Harvest:				
Custom Combine	cwt.	.17	55	\$ 9.35
Custom Haul	cwt.	.08	55	4.40
Subtotal, Harvest				\$ 13.75
Total Variable Costs				\$ 79.27
3. Income Above Variable Costs				\$ 30.73
4. Fixed Costs:				
Machinery	ac.	3.67	1	\$ 3.64
Tractor (1)	hr.	1.04	2.92	3.04
Tractor (2)	hr.	.87	1.25	1.09
Irrigation Machinery	ac.	12.72	1	12.72
Land (Net Rent 1/3) <u>1/</u>	ac.	26.59	1	26.59
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 48.06
5. Total Costs				\$127.33
6. Net Returns				\$(17.33)

1/ Landlord pays 1/3 of fertilizer and harvest.

New, 1972

DEVELOPED BY EXTENSION ECONOMISTS-MANAGEMENT, TAES, TAMU.

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GRAIN SORGHUM, IRRIGATED, WINTER GARDEN REGIONEstimated Costs, And Requirements Per Acre of Grain Sorghum, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Aug-Sept	1	.25	.20	\$.11	\$.22
Disc	1,5	Aug-Oct	2	.63	.50	.44	.60
Break	1,4	Aug-Oct	1	.63	.50	.50	.48
Disc	1,5	Aug-Oct	1	.31	.25	.22	.30
Plane	1,13	Aug-Oct	2	.50	.40	.26	.66
Fertilize	1	Dec-Jan	1	.21	.17	-	-
Bed	1,6	Dec-Jan	1	.21	.17	.11	.11
Re-Bed	1,6	Jan-Mar	1	.21	.17	.11	.11
Plant	1,9	Mar	1	.31	.25	.14	.21
Rolling Cult.	1,7	Mar-May	3	.64	.51	.61	.62
Spray Post - Emerge	2,14	Apr-May	1	.31	.25	.16	.21
Make Ditches	2,15	Mar-Jun	3	.38	.30	.02	.05
Level Ditches	2,16	Mar-Jun	3	<u>.38</u>	<u>.30</u>	<u>.03</u>	<u>.07</u>
Total				4.97	3.97	\$ 2.71	\$ 3.64
Irrigation:	18	Mar-Jun	3	7.59	6.00	\$ 15.18	\$ 12.72

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

GRAIN SORGHUM, IRRIGATED, WINTER GARDEN REGIONEstimated Costs And Returns Per Acre Of Grain Sorghum, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grain Sorghum	cwt.	\$ 2.00	25	\$ 50.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.25	6.5	\$ 1.63
Fertilizer (60-30-0)	ac.	9.30	1	9.30
Machinery	ac.	2.76	1	2.76
Tractor (1)	hr.	1.03	2.98	3.07
Tractor (2)	hr.	.67	.60	.40
Labor, Tractor	hr.	1.75	4.49	7.86
Irrigation Machinery	ac.	10.12	1	10.12
Irrigation Labor	hr.	1.40	5	7.00
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.085	21.82	1.85
Subtotal, Pre-Harvest				\$ 45.49
Harvest:				
Custom Combine	cwt.	.17	25	\$ 4.25
Custom Haul	cwt.	.08	25	2.00
Subtotal, Harvest				\$ 6.25
Total Variable Costs				\$ 51.74
3. Income Above Variable Costs				\$ (1.74)
4. Fixed Costs:				
Machinery	ac.	3.32	1	\$ 3.32
Tractor (1)	hr.	1.04	2.98	3.10
Tractor (2)	hr.	.87	.60	.52
Irrigation Machinery	ac.	8.48	1	8.48
Land (Net Rent-1/3) <u>1/</u>	ac.	11.64	1	11.64
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 28.04
5. Total Costs				\$ 79.78
6. Net Returns				\$(29.78)

1/ Landlord pays 1/3 of fertilizer and harvest.

GRAIN SORGHUM, IRRIGATED, WINTER GARDEN REGIONEstimated Costs, And Requirements Per Acre Of Grain Sorghum, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Aug-Sep	1	.25	.20	\$.12	\$.22
Disc	1,5	Aug-Oct	2	.63	.50	.48	.60
Break	1,4	Aug-Oct	1	.63	.50	.55	.48
Disc	1,5	Aug-Oct	1	.31	.25	.24	.30
Float	1,13	Aug-Oct	1	.25	.20	.14	.33
Fertilize	1	Dec-Jan	1	.13	.10	-	-
Bed	1,6	Dec-Jan	1	.21	.17	.12	.11
Re-Bed	1,6	Jan-Mar	1	.21	.17	.12	.11
Plant	1,9	Mar	1	.31	.25	.15	.21
Rolling Cult.	1,7	Mar-May	2	.43	.34	.45	.41
Cultivate	1,8	Mar-May	2	.63	.50	.34	.43
Make Ditches	2,15	Mar-Jun	2	.25	.20	.02	.05
Level Ditches	2,16	Mar-Jun	2	<u>.25</u>	<u>.20</u>	<u>.03</u>	<u>.07</u>
Total				4.49	3.58	\$ 2.76	\$ 3.32
Irrigation:	18	Mar-Jun	2	5.00	4.00	\$ 10.12	\$ 8.48

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

GRAIN SORGHUM, DRYLAND, WINTER GARDEN REGION

12095212

Estimated Costs And Returns Per Acre Of Grain Sorghum, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grain Sorghum	cwt.	\$ 2.00	20	\$ 40.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.25	5	\$ 1.25
Fertilizer (20-10-0)	ac.	3.10	1	3.10
Machinery	ac.	1.36	1	1.36
Tractor (1)	hr.	.94	1.51	1.42
Tractor (2)	hr.	.61	.50	.31
Labor, Tractor	hr.	1.75	2.50	4.38
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.08	6.66	.53
Subtotal, Pre-Harvest				\$ 13.85
Harvest:				
Custom Combine	cwt.	.17	20	\$ 3.40
Custom Haul	cwt.	.08	20	1.60
Subtotal, Harvest				\$ 5.00
Total Variable Costs				\$ 18.85
3. Income Above Variable Costs				\$ 21.15
4. Fixed Costs:				
Machinery	ac.	1.80	1	\$ 1.80
Tractor (1)	hr.	1.04	1.51	1.57
Tractor (2)	hr.	.87	.50	.44
Land (Net Rent-1/3) <u>1/</u>	ac.	10.19	1	10.19
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 14.98
5. Total Costs				\$ 33.83
6. Net Returns				\$ 6.17

1/ Landlord pays 1/3 of fertilizer and harvest.
DEVELOPED BY EXTENSION ECONOMISTS-MANAGEMENT, TAES, IAMU.

New, 1972

GRAIN SORGHUM, DRYLAND, WINTER GARDEN REGION

Estimated Costs, And Requirements Per Acre Of Grain Sorghum, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Disc	1,5	Sep-Nov	1	.31	.25	\$.22	\$.30
Break	1,4	Sep-Nov	.5	.31	.25	.25	.24
Disc	1,5	Sep-Nov	1	.31	.25	.22	.30
Fertilize	1	Dec-Jan	1	.21	.17	-	-
Bed	1,6	Dec-Jan	1	.21	.17	.11	.11
Run Middles	1,7	Mar	1	.21	.17	.11	.21
Plant	1,9	Mar	1	.31	.25	.14	.21
Cultivate	2,8	Mar-May	2	<u>.63</u>	<u>.50</u>	<u>.31</u>	<u>.43</u>
Total				2.50	2.01	\$ 1.36	\$ 1.80

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

GRAIN SORGHUM, DRYLAND, WINTER GARDEN REGION

12095222

Estimated Costs And Returns Per Acre Of Grain Sorghum, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production Grain Sorghum	cwt.	\$ 2.00	10	\$ 20.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.25	5	\$ 1.25
Machinery	ac.	1.48	1	1.48
Tractor (1)	hr.	1.03	1.29	1.33
Tractor (2)	hr.	.67	.50	.34
Labor, Tractor	hr.	1.75	2.23	3.90
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.085	4.90	.42
Subtotal, Pre-Harvest				\$ 10.22
Harvest:				
Custom Combine	cwt.	.17	10	\$ 1.70
Custom Haul	cwt.	.08	10	.80
Subtotal, Harvest				\$ 2.50
Total Variable Costs				\$ 12.72
3. Income Above Variable Costs				\$ 7.28
4. Fixed Costs:				
Machinery	ac.	1.68	1	\$ 1.68
Tractor (1)	hr.	1.04	1.29	1.34
Tractor (2)	hr.	.87	.50	.44
Land (Net Rent-1/3) <u>1/</u>	ac.	5.83	1	5.83
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 10.27
5. Total Costs				\$ 22.99
6. Net Returns				\$ (2.99)

1/ Landlord pays 1/3 of fertilizer and harvest.
DEVELOPED BY EXTENSION ECONOMISTS-MANAGEMENT, TAES, TAMU.

New, 1972

GRAIN SORGHUM, DRYLAND, WINTER GARDEN REGION

Estimated Costs, And Requirements Per Acre Of Grain Sorghum, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Disc	1,5	Sep-Nov	1	.31	.25	\$.19	\$.24
Break	1,4	Sep-Nov	.5	.31	.25	.27	.24
Disc	1,5	Sep-Nov	1	.25	.20	.19	.24
Bed	1,6	Nov-Jan	1	.21	.17	.12	.11
Run Middles	1,7	Mar	1	.21	.17	.22	.21
Plant	1,9	Mar	1	.31	.25	.15	.21
Cultivate	2,8	Mar-May	2	<u>.63</u>	<u>.50</u>	<u>.34</u>	<u>.43</u>
Total				2.23	1.79	\$ 1.48	\$ 1.68

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

LETTUCE, IRRIGATED, WINTER GARDEN REGION

Estimated Costs And Returns Per Acre Of Lettuce, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Lettuce	carton	\$ 2.23	400	\$892.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	10.00	1	\$ 10.00
Fertilizer (100-100-0)	ac.	20.00	1	20.00
Herbicide	ac.	14.00	1	14.00
Insecticide	ac.	12.00	1	12.00
Insecticide Application	ac.	1.25	12	15.00
Fungicide	ac.	6.80	1	6.80
Fungicide Application	ac.	1.50	4	6.00
Machinery	ac.	3.18	1	3.18
Tractor (1)	hr.	.94	4.53	4.26
Tractor (2)	hr.	.61	1.37	.84
Labor, Tractor	hr.	1.75	7.38	12.92
Irrigation Machinery	ac.	25.30	1	25.30
Irrigation Labor	hr.	1.40	12.5	17.50
Hand Labor	hr.	1.40	30	42.00
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.08	95.65	7.65
Subtotal, Pre-Harvest				\$198.95
Harvest:				
Harvesting	carton	.50	400	\$200.00
Packing	carton	.65	400	260.00
Selling	carton	.22	400	88.00
Subtotal, Harvest				\$548.00
Total Variable Costs				\$746.95
3. Income Above Variable Costs				\$145.05
4. Fixed Costs:				
Machinery	ac.	4.28	1	\$ 4.28
Tractor (1)	hr.	1.04	4.53	4.71
Tractor (2)	hr.	.87	1.37	1.19
Irrigation Machinery	ac.	21.20	1	21.20
Land	\$	.06	400	24.00
Taxes	ac.	2.00	1	2.00
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 58.36
5. Total Costs				\$805.31
6. Net Returns				\$ 86.69

1/ 5 year average, 1966-1970

LETTUCE, IRRIGATED, WINTER GARDEN REGION

Estimated Costs, And Requirements Per Acre Of Lettuce, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	May-Jul	1	.25	.20	\$.11	\$.22
Disc	1,5	May-Jul	2	.63	.50	.44	.60
Break	1,4	May-Jul	1	.63	.50	.50	.48
Disc	1,5	May-Jul	1	.31	.25	.22	.30
Bed	1,6	May-Jul	1	.21	.17	.11	.11
Re-Bed	1,6	May-Jul	1	.21	.17	.11	.11
Plane	1,13	May-Jul	2	.50	.40	.26	.66
Fertilize	1	Jul-Aug	1	.21	.17	-	-
Bed	1,6	Jul-Aug	1	.21	.17	.11	.11
Spray Herbicide	1,14	Jul-Aug	1	.31	.25	.16	.21
Incorporate Herbicide	1,7	Jul-Aug	1	.25	.20	.24	.25
Shape Beds	2,12	Jul-Aug	1	.21	.17	.05	.13
Plant	1,10	Aug-Jan	1	.31	.25	.17	.26
Cultivate	1,8	Sep-Feb	4	1.25	1.00	.62	.65
Side Dress Fert.	1	Oct-Mar	2	.63	.50	-	-
Make Ditches	2,15	Aug-Mar	5	.63	.50	.03	.08
Level Ditches	2,16	Aug-Mar	5	<u>.63</u>	<u>.50</u>	<u>.05</u>	<u>.11</u>
Total				7.38	5.90	\$ 3.18	\$ 4.28
Irrigation:	18	Aug-Mar	5	12.5	10.0	\$25.30	\$21.20

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

OATS FOR GRAZING, IRRIGATED, WINTER GARDEN REGION

12130122

Estimated Costs And Returns Per Acre Of Oats For Grazing, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grazing Lease	AUM <u>1</u> /	\$ 6.00	5.5	\$ 33.00
2. Variable Costs:				
Pre-Harvest:				
Seed	bu.	1.75	2	\$ 3.50
Fertilizer (30-0-0)	ac.	3.30	1	3.30
Machinery	ac.	.99	1	.99
Tractor (1)	hr.	1.03	.80	.82
Tractor (2)	hr.	.67	.97	.65
Labor, Tractor	hr.	1.75	2.22	3.89
Irrigation Machinery	ac.	10.12	1	10.12
Irrigation Labor	hr.	1.40	5	7.00
Pickup Expense	ac.	1.50	.5	.75
Interest on Op. Cap.	\$	.085	15.51	1.32
Subtotal, Pre-Harvest				\$ 32.34
Harvest:				
None				
Total Variable Costs				\$ 32.34
3. Income Above Variable Costs				\$.66
4. Fixed Costs:				
Machinery	ac.	1.83	1	\$ 1.83
Tractor (1)	hr.	1.04	.80	.83
Tractor (2)	hr.	.87	.97	.84
Irrigation Machinery	ac.	8.48	1	8.48
Land (1/2 year)	\$	.03	400	12.00
Taxes (1/2 year)	ac.	1.00	1	1.00
Pickup Expense (1/2)	ac.	.98	.5	.49
Total Fixed Costs				\$ 25.47
5. Total Costs				\$ 57.81
6. Net Returns				\$(24.81)

1/ Animal Unit Per Month.

DEVELOPED BY EXTENSION ECONOMISTS-MANAGEMENT, TAES, TAMU.

New, 1972

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AECO 6

OATS FOR GRAZING, IRRIGATED, WINTER GARDEN REGION

Estimated Costs, And Requirements Per Acre Of Oats For Grazing, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Jul-Aug	1	.25	.20	\$.12	\$.22
Disc	1,5	Jul-Aug	2	.63	.50	.48	.60
Float	1,13	Jul-Aug	1	.25	.20	.14	.33
Fertilize	1	Aug-Sep	1	.13	.10	-	-
Bed	1,6	Aug-Sep	1	.21	.17	.12	.11
Plant	2,11	Sep-Oct	1	.25	.20	.08	.45
Make Ditches	2,15	Sep-Apr	2	.25	.20	.02	.05
Level Ditches	2,16	Sep-Apr	2	<u>.25</u>	<u>.20</u>	<u>.03</u>	<u>.07</u>
Total				2.22	1.77	\$.99	\$ 1.83
Irrigation:	18	Sep-Apr	2	5.0	4.0	\$10.12	\$ 8.48

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

ONIONS, IRRIGATED, WINTER GARDEN REGION

Estimated Costs And Returns Per Acre Of Grain Sorghum, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Onions	50 lb. bag	\$ 2.10 <u>1/</u>	600	\$1260.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	12.00	2.5	\$ 30.00
Fertilizer (150-90-0)	ac.	25.60	1	24.60
Herbicide	ac.	25.00	1	25.00
Insecticide	ac.	6.00	1	6.00
Insecticide Application	ac.	1.25	6	7.50
Fungicide	ac.	13.60	1	13.60
Fungicide Application	ac.	1.50	8	12.00
Machinery	ac.	3.12	1	3.12
Tractor (1)	hr.	.94	4.58	4.31
Tractor (2)	hr.	.61	1.57	.96
Labor, Tractor	hr.	1.75	7.68	13.44
Irrigation Machinery	ac.	30.36	1	30.36
Irrigation Labor	hr.	1.40	15	21.00
Hand Labor	hr.	1.40	10	14.00
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.08	103.70	8.30
Subtotal, Pre-Harvest				\$ 215.69
Harvest:				
Harvesting	bag	.45	600	\$ 270.00
Packing	bag	.80	600	480.00
Selling	bag	.22	600	132.00
Subtotal, Harvest				\$ 882.00
Total Variable Costs				\$1097.69
3. Income Above Variable Costs				\$ 162.31
4. Fixed Costs:				
Machinery	ac.	4.28	1	\$ 4.28
Tractor (1)	hr.	1.04	4.58	4.76
Tractor (2)	hr.	.87	1.57	1.37
Irrigation Machinery	ac.	25.44	1	25.44
Land	\$	.06	400	24.00
Taxes	ac.	2.00	1	2.00
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 62.83
5. Income Above Variable Costs				\$1160.52
6. Net Returns				\$ 99.48

1/ 1969-71 Season Weighted Average Price, Texas Vegetable Statistics, Texas Crop and Livestock Reporting Service.

ONIONS, IRRIGATED, WINTER GARDEN REGION

Estimated Costs, And Requirements Per Acre Of Onions, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Jul-Sep	1	.25	.20	.11	.22
Disc	1,5	Jul-Sep	2	.63	.50	.44	.60
Break	1,4	Jul-Sep	1	.63	.50	.50	.48
Disc	1,5	Jul-Sep	1	.31	.25	.22	.30
Bed	1,6	Jul-Sep	1	.21	.17	.11	.11
Re-Bed	1,6	Jul-Sep	1	.21	.17	.11	.11
Plan	1,13	Jul-Sep	2	.50	.40	.26	.66
Fertilize	1	Sep-Oct	1	.21	.17	-	-
Bed	1,6	Sep-Oct	1	.21	.17	.11	.11
Shape Beds	2,12	Sep-Oct	1	.21	.17	.05	.13
Plant	1,10	Sep-Nov	1	.31	.25	.17	.26
Spray Herbicide	1,14	Sep-Nov	1	.31	.25	.16	.21
Cultivate	1,8	Oct-Feb	4	1.25	1.00	.62	.65
Side Dress Fertilize	1	Oct-Feb	2	.63	.50	-	-
Spray Herbicide	1,14	Oct-Feb	1	.31	.25	.16	.21
Make Ditches	2,15	Sep-Apr	6	.75	.60	.04	.10
Level Ditches	2,16	Sep-Apr	6	<u>.75</u>	<u>.60</u>	<u>.06</u>	<u>.13</u>
Total				7.68	6.15	\$ 3.12	\$ 4.28
Irrigation:	18	Sep-Apr	6	15.00	12.00	\$30.36	\$25.44
Hand Labor				10.00	-	-	-

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

FRESH MARKET SPINACH, IRRIGATED, WINTER GARDEN REGIONEstimated Costs And Returns Per Acre Of Fresh Market Spinach, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Spinach	20 lb./carton	\$ 2.36 <u>1/</u>	450	\$1062.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.75	18	\$ 13.50
Fertilizer (60-80-0)	ac.	13.80	1	13.80
Herbicide	ac.	13.10	1	13.10
Insecticides				
Systemic	ac.	4.60	1	4.60
Spray	ac.	12.50	1	12.50
Insecticide Application	ac.	1.50	4	6.00
Fungicide	ac.	10.20	1	10.20
Fungicide Application	ac.	1.50	6	9.00
Machinery	ac.	2.62	1	2.62
Tractor (1)	hr.	.94	3.58	3.37
Tractor (2)	hr.	.61	1.17	.71
Labor, Tractor	hr.	1.75	5.93	10.38
Irrigation Machinery	ac.	20.24	1	20.24
Irrigation Labor	hr.	1.40	10	14.00
Hand Labor	hr.	1.40	10	14.00
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.08	74.76	5.98
Subtotal, Pre-Harvest				\$ 155.50
Harvest:				
Harvest & Haul	carton	.45	450	\$ 202.50
Packing & Ice	carton	.85	450	382.50
Selling	carton	.24	450	108.00
Subtotal, Harvest				\$ 693.00
Total Variable Costs				\$ 848.50
3. Income Above Variable Costs				\$ 213.50
4. Fixed Costs:				
Machinery	ac.	3.68	1	\$ 3.68
Tractor (1)	hr.	1.04	3.58	3.72
Tractor (2)	hr.	.87	1.17	1.02
Irrigation Machinery	ac.	16.96	1	16.96
Land	\$	.06	400	24.00
Taxes	ac.	2.00	1	2.00
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 52.36
5. Total Costs				\$ 900.86
6. Net Returns				\$ 161.14

1/ 1966-70 Season Weighted Average Price, Texas Vegetable Statistics, Texas Crop and Livestock Reporting Service.

DEVELOPED BY EXTENSION ECONOMISTS-MANAGEMENT, TAES, TAMU.

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FRESH MARKET SPINACH, IRRIGATED, WINTER GARDEN REGIONEstimated Costs, And Requirements Per Acre
Of Fresh Market Spinach, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Jul-Sep	1	.25	.20	\$.11	\$.22
Disc	1,5	Jul-Sep	2	.63	.50	.44	.60
Break	1,4	Jul-Sep	1	.63	.50	.50	.48
Disc	1,5	Jul-Sep	1	.31	.25	.22	.30
Bed	1,6	Jul-Sep	1	.21	.17	.11	.11
Re-Bed	1,6	Jul-Sep	1	.21	.17	.11	.11
Plane	1,13	Jul-Sep	2	.50	.40	.26	.66
Fertilize	1	Aug-Nov	1	.21	.17	-	-
Bed	1,6	Aug-Nov	1	.21	.17	.11	.11
Shape Beds	2,12	Aug-Nov	1	.21	.17	.05	.13
Spray Herbicide	1,14	Sep-Dec	1	.31	.25	.16	.21
Plant	1,10	Sep-Dec	1	.31	.25	.17	.26
Cultivate	1,8	Sep-Jan	2	.63	.50	.31	.33
Side Dress Fert.	1	Nov-Feb	1	.31	.25	-	-
Make Ditches	2,15	Sep-Mar	4	.50	.40	.03	.07
Level Ditches	2,16	Sep-Mar	4	<u>.50</u>	<u>.40</u>	<u>.04</u>	<u>.09</u>
Total				5.93	4.75	\$ 2.62	\$ 3.68
Irrigation:	18	Sep-Mar	4	10.00	8.00	\$20.24	\$16.96
Hand Labor				10.0	-	-	-

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

PROCESSED SPINACH, IRRIGATED, WINTER GARDEN REGION

12200112

Estimated Costs And Returns Per Acre Of Processed Spinach, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Spinach	ton	\$ 45.00	9	\$405.00
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.75	18	\$ 13.50
Fertilizer (100-100-0)	ac.	20.00	1	20.00
Herbicide	ac.	13.10	1	13.10
Insecticides				
Systemic	ac.	4.60	1	4.60
Spray	ac.	31.25	1	31.25
Insecticide Application	ac.	1.50	10	15.00
Fungicide	ac.	10.20	1	10.20
Fungicide Application	ac.	1.50	6	9.00
Machinery	ac.	2.64	1	2.64
Tractor (1)	hr.	.94	3.83	3.60
Tractor (2)	hr.	.61	1.57	.96
Labor, Tractor	hr.	1.75	6.75	11.81
Irrigation Machinery	ac.	15.18	1	15.18
Irrigation Labor	hr.	1.40	15	21.00
Hand Labor	hr.	1.40	15	21.00
Pickup Expense	ac.	1.50	1	1.50
Interest on Op. Cap.	\$	.08	97.17	7.77
Subtotal, Pre-Harvest				\$202.11
Harvest:				
Harvest and Load <u>1</u> /	ton	6.50	9	\$ 58.50
Icing <u>1</u> /	ton	3.00	9	27.00
Selling <u>1</u> /	ton	4.50	9	40.50
Subtotal, Harvest				\$126.00
Total Variable Costs				\$328.11
3. Income Above Variable Costs				\$ 76.89
4. Fixed Costs:				
Machinery	ac.	3.75	1	\$ 3.75
Tractor (1)	hr.	1.04	3.83	3.98
Tractor (2)	hr.	.87	1.57	1.37
Irrigation Machinery	ac.	12.72	1	12.72
Land	\$	.06	400	24.00
Taxes	ac.	2.00	1	2.00
Pickup Expense	ac.	.98	1	.98
Total Fixed Costs				\$ 48.80
5. Total Costs				\$376.91
6. Net Returns				\$ 28.09

1/ Harvest and handling costs would be less if locally processed.

PROCESSED SPINACH, IRRIGATED, WINTER GARDEN REGIONEstimated Costs, And Requirements Per Acre
Of Processed Spinach, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Jul-Sep	1	.25	.20	\$.11	\$.22
Disc	1,5	Jul-Sep	2	.63	.50	.44	.60
Break	1,4	Jul-Sep	1	.63	.50	.50	.48
Disc	1,5	Jul-Sep	1	.31	.25	.22	.30
Bed	1,6	Jul-Sep	1	.21	.17	.11	.11
Re-Bed	1,6	Jul-Sep	1	.21	.17	.11	.11
Plane	1,13	Jul-Sep	2	.50	.40	.26	.66
Fertilize	1	Aug-Nov	1	.21	.17	-	-
Bed	1,6	Aug-Nov	1	.21	.17	.11	.11
Shape Beds	2,12	Aug-Nov	1	.21	.17	.05	.13
Spray Herbicide	1,14	Sep-Dec	1	.31	.25	.16	.21
Plant	1,10	Sep-Dec	1	.31	.25	.17	.26
Cultivate	1,8	Sep-Jan	2	.63	.50	.31	.33
Side Dress Fert.	1	Nov-Feb	2	.63	.50	-	-
Make Ditches	2,15	Sep-Mar	6	.75	.60	.04	.10
Level Ditches	2,16	Sep-Mar	6	<u>.75</u>	<u>.60</u>	<u>.05</u>	<u>.13</u>
Total				6.75	5.40	\$ 2.64	\$ 3.75
Irrigation:	18	Sep-Mar	6	15.0	12.0	\$15.18	\$12.72

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

WHEAT, IRRIGATED, WINTER GARDEN REGIONEstimated Costs And Returns Per Acre Of Wheat, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grazing Lease (stocker calves)	AUM <u>1/</u>	\$ 6.00	3	\$ 18.00
Grain	bu.	1.38	27	37.26
Total				\$ 55.26
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.055	60	\$ 3.30
Fertilizer (40-0-0)	ac.	4.40	1	4.40
Machinery	ac.	.99	1	.99
Tractor (1)	hr.	1.03	1.07	1.10
Tractor (2)	hr.	.67	.80	.54
Labor, Tractor	hr.	1.75	2.35	4.11
Irrigation Machinery	ac.	10.12	1	10.12
Irrigation Labor	hr.	1.40	5	7.00
Pickup Expense	ac.	1.50	.5	.75
Interest on Op. Cap.	\$	.085	16.16	1.37
Subtotal, Pre-Harvest				\$ 33.68
Harvest:				
Custom Combine	ac.	4.00	1	\$ 4.00
Custom Haul	cwt.	.10	16.2	1.62
Subtotal, Harvest				\$ 5.62
Total Variable Costs				\$ 39.30
3. Income Above Variable Costs				\$ 15.96
4. Fixed Costs:				
Machinery	ac.	1.83	1	\$ 1.83
Tractor (1)	hr.	1.04	1.07	1.11
Tractor (2)	hr.	.87	.80	.70
Irrigation Machinery	ac.	8.48	1	8.48
Land (1/2 year)	\$	.03	400	12.00
Taxes (1/2 year)	ac.	1.00	1	1.00
Pickup Expense	ac.	.98	.5	.49
Total Fixed Costs				\$ 25.61
5. Total Costs				\$ 64.91
6. Net Returns				\$ (9.65)

1/ Two stocker = One Animal Unit Per Month2/ 1966-70 Seasons Average Price, Texas Crop and Livestock Reporting Service.

DEVELOPED BY EXTENSION ECONOMISTS-MANAGEMENT, TAES, TAMU.

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AECO 6

WHEAT, IRRIGATED, WINTER GARDEN REGION

Estimated Costs, And Requirements Per Acre Of Wheat, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred	2,3	Jul-Aug	1	.25	.20	\$.12	\$.22
Disc	1,5	Jul-Aug	2	.63	.50	.48	.60
Float	1,13	Jul-Aug	1	.25	.20	.14	.33
Fertilize	1	Aug-Sep	1	.13	.10	-	-
Bed	1,6	Aug-Sep	1	.21	.17	.12	.11
Plant	2,11	Sep-Oct	1	.25	.20	.08	.45
Top Dress Fert.	1	Mar-Apr	1	.13	.10	-	-
Make Ditches	2,15	Sep-Apr	2	.25	.20	.02	.05
Level Ditches	2,16	Sep-Apr	2	<u>.25</u>	<u>.20</u>	<u>.03</u>	<u>.07</u>
Total				2.35	1.87	\$.99	\$ 1.83
Irrigation:	18	Sep-Apr	2	5.0	4.0	\$10.12	\$ 8.48

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

TEXAS WEBB-MAVERICK REGION

Assumed Prices Paid And Received By Farmers

Item	Unit	Price
<u>Prices Paid</u>		
Seed:		
Oats	bu.	\$ 1.45
Wheat	bu.	2.00
Corn	lb.	.28
Forage Sorghum	lb.	.13
Grain Sorghum	lb.	.25
Cotton	lb.	.17
Alfalfa	lb.	.50
Buffel Grass	lb.	1.65
Hubam Clover	lb.	.25
Onions	lb.	6.50
Carrots	lb.	2.50
Cantaloups	lb.	2.70
Fertilizer:		
Ammonium Nitrate	ton	59.00
Ammonium Sulfate	ton	45.00
Anhydrous Ammonia	ton	80.00
0-46-0	ton	70.00
0-0-60	ton	53.00
12-24-12	ton	68.50
Herbicides:		
Dacthal	lb.	1.25
Balan	gal.	10.00
Banvel	gal.	30.40
Propazine	lb.	2.45
Treflan	qt.	6.25
Pre-far	gal.	11.22
Fungicides:		
Maneb	lb.	.98
Manzate 200	gal.	15.85
Duter	lb.	4.21
Insecticides:		
Cygon	gal.	15.85
Malathion	gal.	7.65
Lanate	lb.	4.21
Parathion	lb.	.85
Sevin	lb.	.96
Di-Syston	gal.	15.25
Other Materials:		
Defoliant (Def)	gal.	9.60
Labor:		
Tractor Labor	hr.	1.60
Hand Labor	hr.	1.30

TEXAS WEBB-MAVERICK REGION

Assumed Prices Paid And Received By Farmers

Item	Unit	Price
Custom Rates:		
Aerial Spraying	ac.	\$1.00- 2.00
Hay Baling (Maverick)	ton	15.00
Hay Baling (Webb)	bale	.45
Cut Silage	ton	1.00
Haul Silage	ton	1.50
Combining Grain Sorghum	ac.	4.00
Haul Grain Sorghum	cwt.	.10
Combining Wheat	ac.	4.00
Haul Wheat	bu.	.10
Machine-pick Cotton	bale	25.00
Ginning Cotton		
Gin (Seed Cotton)	cwt.	.90
Bag and Ties	bale	6.00
Other	bale	1.50
Interest:		
Operating		.075
Investment		.07

Prices Received

Wheat	bu.	1.30
Cotton Lint	lb.	.22
Cotton Seed	ton	55.00
Grain Sorghum	cwt.	2.00
Sorghum Silage	ton	6.00
Corn Silage	ton	7.00
Coastal Bermuda Hay	ton	25.00
Buffel Grass Hay	ton	25.00
Alfalfa (infield)	ton	17.50
Oat Pasture	head per mo.	3.50
Buffel Grass Pasture	ac. per mo.	1.50
Pecans	lb.	.40
Onions (dry)	50/lb. bag	2.32
Carrots	50/lb. bag	2.15
Cantaloupes	80/lb. crate	5.95

TEXAS WEBB-MAVERICK REGION

Estimated Machinery And Equipment Cost Per Hour Of Use

Machinery Item and Size	Item No.	New Cost	Estimated Typical Yrs. Of Use	Total Depr. <u>1/</u>	Estimated Total Hrs. Of Use	Depr. Per Hr. <u>2/</u>	Interest on Investment Per Hour <u>3/</u>	Fuel, Oil, Lub., Rep., Per Hr. <u>4/</u>
Tractor, Diesel, 90HP	1	\$9,500	10	\$6,650	10,000	\$.67	\$.43	\$ 1.77
Tractor, Diesel, 65HP	2	7,500	12	5,250	10,000	.53	.41	1.38
Tractor, Diesel, 35HP	3	4,400	12	3,080	10,000	.31	.24	.81
Chisel Plow, 5 Shank	4	500	10	450	2,000	.26	.10	.38
Moldboard Plow, 4-16"	5	1,475	10	1,300	2,000	.65	.29	1.00
Disc Plow, 4-28"	6	1,450	20	1,400	2,000	.70	.53	1.45
Disc, Offset, 10'	7	2,000	15	1,800	3,000	.60	.39	.45
Disc Harrow, 4 Row	8	3,000	15	2,700	3,000	.90	.58	.67
Cultivator, 6 Row	9	1,500	12	1,350	2,500	.54	.28	.40
Cultivator, 2 Row	10	400	12	360	3,000	.12	.08	.09
Rolling Cultivator, 2-R	11	750	10	675	2,000	.34	.14	.25
Rotary Hoe, 6 Row	12	1,200	15	1,080	1,500	.72	.46	.66
Lister, 6 Row	13	1,100	12	980	2,000	.49	.26	.43
Lister, 4 Row	14	925	12	825	2,000	.41	.22	.31
Planter, With Bedshaper, 6 Row	15	1,500	10	1,200	1,500	.80	.42	.78
Planter, Planet Junior, 2 Row, With Bedshaper	16	925	10	800	1,000	.80	.29	.76
Fertilizer Attachment, 2 Row	17	300	8	300	1,000	.30	.08	.25
Fertilizer Attachment, 6 Row	18	600	8	600	600	1.00	.28	.60
Sprayer, With Herbicide Attachment	19	700	8	630	1,500	.42	.14	.47
Land Float, 4' x 12'	20	2,000	15	1,800	2,500	.72	.46	.48
Ditcher, V-Type	21	850	15	800	1,500	.53	.32	.34
Scraper Blade	22	420	15	380	2,000	.19	.12	.13

TEXAS WEBB-MAVERICK REGION

Estimated Machinery And Equipment Cost Per Hour Of Use

Machinery Item and Size	Item No.	New Cost	Estimated Typical Yrs. Of Use	Total Depr. <u>1/</u>	Estimated Total Hrs. Of Use	Depr. Per Hr. <u>2/</u>	Interest on Investment Per Hour <u>3/</u>	Fuel, Oil, Lub., Rep., Per Hr. <u>4/</u>
Shredder, 2 Row	23	600	10	540	1,000	.36	.23	.36
Forage Chopper, PTO	24	3,400	10	2,800	1,500	1.87	.93	1.81
Forage Wagon, (2)	25	2,900	15	2,500	1,500	1.67	1.16	1.16
Air Blast Sprayer	26	12,800	10	4,000	2,500	2.50	1.27	1.92
Pickup Truck	27	3,600	3	2,100	90,000 miles	1.40/Acre /Year	.35/Acre /Year	2.40/Acre /Year
Brillion Seeder	28	1,800	15	1,500	1,500	1.00	.74	1.20
Grain Drill 8'	29	875	10	750	500	1.50	.70	.44
Irrigation System No. 1 (Webb Co.) <u>5/</u>								
2500 GPM Pump	30	1,300	15	1,150	20,000	.06	.04	.05
75HP Electric Motor	30	4,000	25	3,600	33,000	.11	.12	1.50
Distribution System <u>6/</u>	30	27,500	25	27,500	33,000	.83	.73	.10
Irrigation System No. 2 (Maverick Co.) <u>7/</u>								
Distribution System <u>8/</u>	31	27,000	25	27,000	50,000	.54	.47	.10

1/ New cost less value at time of trade, or less salvage value.2/ Assumes straight line depreciation.3/ Calculated @ (New Cost + Salvage) ÷ 2 x 7%.4/ Fuel, Oil, Lubrication, Repair Cost estimate taken from Bowers, W., Modern Concepts of Farm Management Handbook and 1970 Agricultural Engineer's Handbook.5/ 100' lift from river into concrete lined ditch, gravity flow to field, furrow irrigate.6/ Steelpipe, concrete pipe, concrete lined ditches, earthen ditches, siphon tubes.7/ Water delivered to farm by irrigation district.8/ Concrete lined and earthen ditches.

TEXAS WEBB-MAVERICK REGION

Yield Per Acre For Typical And High Level Management

Crop	County	Unit	<u>Irrigated</u>	
			Typical	High Level
Cotton	Maverick	lbs.	500	-
Pecans	Maverick	lbs.	1,500	-
Coastal Bermuda Hay	Maverick	tons	9	-
Oat Pasture	Maverick	head days	600	-
Wheat	Maverick	bu.	50	-
Grain Sorghum	Maverick	cwt.	30	-
Sorghum Silage	Maverick	tons	-	25
Corn Silage	Maverick	tons	-	10
Alfalfa	Maverick	tons <u>1/</u>	-	6.5
Sorghum Silage	Webb	tons	22	-
Oat Pasture	Webb	lbs. of gain	600	-
Cantaloupes	Webb	80 lb. crates	150	-
Carrots	Webb	50 lb. bags	360	-
Onions	Webb	50 lb. bags	500	-
Buffel Grass Hay	Webb	tons	3.5	-
Buffel Grass Pasture	Webb Maverick	animal unit months	1.5 <u>2/</u>	-

1/ Dehydrated weight basis.2/ Dryland