

STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER STOCKER
IMPROVED IRRIGATED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
SLAUGHTER HEIFER	650.00	LBS.	0.42	1.00	<u>273.00</u>
TOTAL					273.00
2. VARIABLE COSTS					
STOCKER HEIFERS		LBS.	0.44	400.00	176.00
FERT(68-0-0)		ACRE	23.10	1.00	23.10
IRRIGATION WATER		APPL	4.00	0.68	2.72
IRRIG. LABOR		HOOR	2.50	0.68	1.70
CUSTOM BALING		CWT.	1.30	2.00	2.60
LIVESTOCK WATER		MOS.	0.15	8.00	1.20
SALT & MINERALS		HEAD	3.00	1.00	3.00
VET MEDICINE		HEAD	1.50	1.00	1.50
MARKETING		HEAD	10.40	1.00	10.40
MISC EXPENSE		HEAD	3.20	1.00	3.20
MACHINERY(FUEL,LUBE,REP)		DCL.			2.22
EQUIPMENT(FUEL,LUBE,REP)		DCL.			0.19
LABOR, TRACTOR & MACHINERY		HRS.	2.50	0.65	1.62
LABOR, EQUIPMENT		HRS.	2.50	0.24	0.59
LABOR, LIVESTOCK		HRS.	2.50	1.20	3.00
INTEREST ON OPER.CAP.,		DCL.	0.09	138.27	<u>12.44</u>
TOTAL VARIABLE COSTS					245.49
3. INCOME ABOVE VARIABLE COSTS					27.51
4. FIXED COSTS					
LAND RENT		ACRE	7.50	1.00	7.50
INT. ON OTHER EQUIPMENT		DCL.	0.09	12.87	1.16
DEPR. ON OTHER EQUIP.		DCL.			2.70
OTHER FC, MACH & EQUIP.		DCL.			<u>1.17</u>
TOTAL FIXED COSTS					12.53
5. TOTAL COSTS					258.02
6. NET RETURNS					14.98

240 UNIT STOCKER HEIFERS, STOCKING RATE 6 HEAD/ACRE.

225 DAY GRAZING PERIOD.

PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON, D. C.

REPORT OF THE COMMISSIONER OF PLANT INDUSTRY
FOR THE YEAR 1907

CHIEF OF BUREAU OF PLANT INDUSTRY

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CHIEF OF BUREAU OF PLANT INDUSTRY

1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994	993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978	977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	899	898	897	896	895	894	893	892	891	890	889	888	887	886	885	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STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER STOCKER
IMPROVED IRRIGATED PASTURE

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TOTAL					273.00
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IRRIG. LABOR		HOURL	2.50	0.68	1.70
CUSTOM BALING		CWT.	1.30	2.00	2.60
LIVESTOCK WATER		MOS.	0.15	8.00	1.20
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VET MEDICINE		HEAD	1.50	1.00	1.50
MARKETING		HEAD	10.40	1.00	10.40
MISC EXPENSE		HEAD	3.20	1.00	3.20
MACHINERY(FUEL,LUBE,REP)		DOL.			2.22
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.19
LABOR, TRACTOR & MACHINERY		HRS.	2.50	0.65	1.62
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4. FIXED COSTS					
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INT. ON OTHER EQUIPMENT		DOL.	0.09	12.87	1.16
DEPR. ON OTHER EQUIP.		DOL.			2.70
OTHER FC, MACH & EQUIP.		DOL.			<u>1.17</u>
TOTAL FIXED COSTS					12.53
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240 UNIT STOCKER HEIFERS, STOCKING RATE 6 HEAD/ACRE.

225 DAY GRAZING PERIOD.

PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

TEXAS GRAND PRAIRIE REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Prices paid (1977)</u>		
Seed		
Cottonseed (acid delinted)	lb.	\$.35
Grain sorghum	lb.	.43
Wheat	lb.	.15
Oats (typical)	lb.	.10
Oats (high level)	lb.	.13
Sundangrass	lb.	.20
Corn	lb.	.48
Ryegrass	lb.	.25
Barley	lb.	.14
Kleingrass	lb. pls	7.25
Tam Wintergreen Harding	lb.	3.00
Fertilizer		
Nitrogen	lb.	.20
Phosphorous	lb.	.15
Potassium	lb.	.07
Fuel and Lubricants		
Gasoline (bulk delivery-\$.09 tax refund)	gal.	.40
Diesel	gal.	.38
Labor		
Typical management	hour	2.25
High level management	hour	2.50
Custom rates		
Cotton Stripping and Hauling	cwt.	1.25
Combining grain sorghum (\$5.00 minimum)	cwt.	.28
Hauling grain sorghum	cwt.	.17
Combining Wheat/Oats	acre	7.50
Hauling Wheat/Oats	cwt.	.17
Combining Corn	bu.	.24
Hauling Corn	bu.	.10
Cut, Rake and Bale Hay	bale	.45
Hauling Hay	bale	.20
Applying Herbicide/Insecticide (aerial)	acre	1.50
Cotton Ginning	cwt.	1.70
Fertilizer Spreader	acre	1.75

GRAND PRAIRIE REGION

-2-

Item	Unit	Price
Interest on Operating Capital	percent	.10
<u>Prices received (1977)</u>		
Cotton lint	lb.	.60
Cottonseed	ton	100.00
Grain Sorghum	cwt.	4.30
Corn	bu.	2.50
Wheat	bu.	3.00
Oats	bu.	1.50
Barley	bu.	1.75
Sorghum Hay	ton	48.00
Coastal Hay	ton	48.00
Oat Hay	ton	50.00
Kleingrass Hay	ton	48.00

1/ These price assumptions are not to be interpreted as predictions or prospective prices.

CCW-CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER CCW
PARTIALLY IMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	440.00	LBS.	0.50	0.38	83.60
HEIFER CALVES	420.00	LBS.	0.45	0.28	52.92
COWS	800.00	LBS.	0.30	0.07	16.80
DEER LEASE	1.00	ACRE	3.00	12.50	<u>37.50</u>
TOTAL					190.82
2. VARIABLE COSTS					
RANGE CUBES		LBS.	0.09	20.00	1.80
SALT & MINERALS		HEAD	6.00	1.00	6.00
VET MEDICINE		HEAD	2.00	1.00	2.00
CUSTOM BALING		CWT.	1.30	5.00	6.50
FENCE REPAIR		HEAD	1.90	1.00	1.90
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	6.08	1.00	6.08
MISC EXPENSE		HEAD	5.00	1.00	5.00
RANGE IMPROVEMEN		ACRE	4.59	2.50	11.47
MACHINERY(FUEL,LUBE,REP)		DOL.			9.05
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR. TRACTOR & MACHINERY		HRS.	3.00	4.65	13.95
LABOR. EQUIPMENT		HRS.	3.00	0.17	0.51
LABOR. LIVESTOCK		HRS.	3.00	7.50	22.50
INTEREST ON OPER.CAP.,		DOL.	0.09	25.46	<u>2.29</u>
TOTAL VARIABLE CCSTS					90.42
3. INCOME ABOVE VARIABLE COSTS					100.40
4. FIXED COSTS					
LAND RENT		ACRE	4.17	15.00	62.50
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	23.96
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. ON COW PUR DRY PAS		DOL.			4.13
DEPR. ON BULL PUR DRY PAS		DOL.			1.33
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC. MACH & EQUIP.		DOL.			<u>11.38</u>
TOTAL FIXED COSTS					109.11
5. TOTAL COSTS					199.52
6. NET RETURNS					-8.70

200 COW UNIT. 8 BULLS. 15% REPLACEMENT = 10% RAISED AND 5% PURCHASED.
76% CALF CROP, 15 ACRES/COW, 3000 ACRE RANCH, 3% DEATH LOSS.

PREPARED BY TOM JONES, TAEX, WESLACO, TEXAS

PROJECTED 1978-79

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER COW
IMPROVED DRYLAND PASTURE 1978

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	460.00	LBS.	0.50	0.40	92.00
HEIFER CALVES	440.00	LBS.	0.45	0.30	59.40
COWS	850.00	LBS.	0.30	0.07	<u>17.85</u>
TOTAL					169.25
2. VARIABLE COSTS					
VET MEDICINE		HEAD	2.00	1.00	2.00
SALT & MINERALS		HEAD	7.92	1.00	7.92
IMPROVED PASTURE		ACRE	4.59	6.50	29.83
CUSTOM BALING		CWT.	1.30	10.00	13.00
FERT (30-0-0)		CWT.	5.95	1.00	5.95
FENCE REPAIR		HEAD	1.36	1.00	1.36
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	6.40	1.00	6.40
MISC EXPENSE		HEAD	5.00	1.00	5.00
RANGE CUBES		LBS.	0.09	20.00	1.80
MACHINERY(FUEL,LUBE,REP)		DOL.			7.30
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR, TRACTOR & MACHINERY		HRS.	3.00	3.75	11.25
LABOR, EQUIPMENT		HRS.	3.00	0.17	0.51
LABOR, LIVESTOCK		HRS.	3.00	6.00	18.00
INTEREST ON OPER.CAP.,		DOL.	0.09	52.41	<u>4.72</u>
TOTAL VARIABLE CCSTS					116.40
3. INCOME ABOVE VARIABLE COSTS					52.85
4. FIXED COSTS					
LAND RENT		ACRE	10.00	6.50	65.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	23.96
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. ON COW PUR DRY PAS		DOL.			4.13
DEPR. ON BULL PUR DRY PAS		DOL.			1.33
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC, MACH & EQUIP.		DOL.			<u>9.99</u>
TOTAL FIXED COSTS					110.21
5. TOTAL COSTS					226.61
6. NET RETURNS					-57.36

200 COW UNIT, 8 BULLS, 15% REPLACEMENT - 10% RAISED AND 5% PURCHASED,
80% CALF CROP, 6.5 ACRES/CCW, 1000 ACRE RANCH, 3% DEATH LOSS.

PREPARED BY TOM JONES, TAEX, WESLACO, TEXAS

PROJECTED 1978-79

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER COW
IMPROVED DRYLAND PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	460.00	LBS.	0.47	0.40	86.48
HEIFER CALVES	440.00	LBS.	0.42	0.30	55.44
CULL COWS	850.00	LBS.	0.24	0.07	<u>19.28</u>
TOTAL					156.20
2. VARIABLE COSTS					
VET MEDICINE		HEAD	2.00	1.00	2.00
SALT & MINERALS		HEAD	7.92	1.00	7.92
RANGE IMPROVEMEN		ACRE	1.00	6.50	6.50
CUSTOM BALING		CWT.	1.30	5.00	6.50
FERT (30-0-0)		LBS.	0.20	30.00	6.00
FENCE REPAIR		HEAD	1.36	1.00	1.36
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	6.40	1.00	6.40
MISC EXPENSE		HEAD	5.00	1.00	5.00
RANGE CUBES		LBS.	0.09	20.00	1.80
MACHINERY(FUEL,LUBE,REP)		DOL.			12.78
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR. TRACTOR & MACHINERY		HRS.	2.50	3.75	9.38
LABOR. EQUIPMENT		HRS.	2.50	0.17	0.42
LABOR. LIVESTOCK		HRS.	2.50	6.00	15.00
INTEREST ON OPER.CAP..		DOL.	0.09	33.88	<u>3.05</u>
TOTAL VARIABLE COSTS					85.47
3. INCOME ABOVE VARIABLE COSTS					70.73
4. FIXED COSTS					
LAND RENT		ACRE	10.00	6.50	65.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	23.96
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. ON COW FOR DRY PAS		DOL.			4.13
DEPR. ON BULL FOR DRY PAS		DOL.			1.33
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC. MACH & EQUIP.		DOL.			<u>2.82</u>
TOTAL FIXED COSTS					110.04
5. TOTAL COSTS					195.51
6. NET RETURNS					-39.31

200 COW UNIT. 8 BULLS. 15% REPLACEMENT = 10% RAISED AND 5% PURCHASED.
80% CALF CROP, 6.5 ACRES/COW, 1000 ACRE RANCH, 3% DEATH LOSS.
PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER COW
PARTIALLY IMPROVED PASTURE 1977

ITEM	WEIGHT EACH	UNIT	PRICE CR COST/UNIT	QUANTITY	VALUE O COST
1. GROSS RECEIPTS					
STEER CALVES	440.00	LES.	0.47	0.38	78.58
HEIFER CALVES	420.00	LBS.	0.42	0.28	49.39
CULL COWS	800.00	LBS.	0.24	0.07	13.44
DEER LEASE	1.00	ACRE	1.00	12.50	<u>12.50</u>
TOTAL					153.92
2. VARIABLE COSTS					
SALT & MINERALS		HEAD	6.00	1.00	6.00
VET MEDICINE		HEAD	2.00	1.00	2.00
CUSTOM BALING		CWT.	1.30	5.00	6.50
PEAR BURNING		HEAD	3.00	1.00	3.00
FENCE REPAIR		HEAD	1.90	1.00	1.90
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	6.08	1.00	6.08
MISO EXPENSE		HEAD	5.00	1.00	5.00
RANGE IMPROVEMEN		ACRE	1.00	2.50	2.50
MACHINERY(FUEL,LUBE,REP)		DOL.			15.85
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR. TRACTOR & MACHINERY		HRS.	2.50	4.65	11.6
LABOR. EQUIPMENT		HRS.	2.50	0.17	0.4
LABOR. LIVESTOCK		HRS.	2.50	7.50	18.75
INTEREST ON OPER.CAP..		DOL.	0.09	25.76	<u>2.32</u>
TOTAL VARIABLE CCSTS					83.30
3. INCOME ABOVE VARIABLE COSTS					70.61
4. FIXED COSTS					
LAND RENT		ACRE	4.17	15.00	62.50
INT. ON LIVESTOCK CAPITAL		DCL.	0.09	266.22	23.96
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. CN COW PUR DRY PAS		DCL.			4.13
DEPR. CN BULL PUR DRY PAS		DCL.			1.33
DEPR. ON HORSE		DCL.			0.75
DEPR. CN OTHER EQUIP.		DCL.			3.95
OTHER FC. MACH & EQUIP.		DCL.			<u>11.17</u>
TOTAL FIXED COSTS					108.89
5. TOTAL COSTS					192.20
6. NET RETURNS					-38.28

200 COW UNIT. 8 BULLS. 15% REPLACEMENT = 10% RAISED AND 5% PURCHASED.
76% CALF CROP. 15 ACRES/COW. 3000 ACRE RANCH. 3% DEATH LOSS.

PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER COW
UNIMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	430.00	LBS.	0.47	0.35	70.73
HEIFER CALVES	410.00	LBS.	0.42	0.25	43.05
CULL COWS	800.00	LBS.	0.24	0.07	13.44
DEER LEASE	1.00	ACRE	1.00	25.00	<u>25.00</u>
TOTAL					152.22
2. VARIABLE COSTS					
PEAR BURNING		HEAD	6.50	1.00	6.50
SALT & MINERALS		HEAD	3.00	1.00	3.00
VET MEDICINE		HEAD	2.00	1.00	2.00
FENCE REPAIR		HEAD	2.72	1.00	2.72
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	5.92	1.00	5.92
MISC EXPENSE		HEAD	5.00	1.00	5.00
MACHINERY(FUEL,LUBE,REP)		DOL.			15.85
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR. TRACTOR & MACHINERY		HRS.	2.50	4.65	11.62
LABOR. EQUIPMENT		HRS.	2.50	0.17	0.42
LABOR. LIVESTOCK		HRS.	2.50	9.00	22.50
INTEREST ON OPER.CAP.,		DOL.	0.09	19.93	<u>1.79</u>
TOTAL VARIABLE COSTS					78.69
3. INCOME ABOVE VARIABLE COSTS					73.54
4. FIXED COSTS					
LAND RENT		ACRE	3.00	25.00	75.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	270.22	24.32
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. ON COW PUR DRY FAS		DOL.			4.13
DEPR. ON BULL PUR DRY PAS		DOL.			1.67
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC. MACH & EQUIP.		DOL.			<u>11.23</u>
TOTAL FIXED COSTS					122.15
5. TOTAL COSTS					200.84
6. NET RETURNS					-48.61

200 COW UNIT. 10 BULLS. 15% REPLACEMENTS - 10% RAISED AND 5% PURCHASED.
70% CALF CROP. 25 ACRES/COW. 5000 ACRE RANCH. 3% DEATH LOSS.
PREPARED BY CECIL PARKER. TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER CCW
IMPROVED IRRIGATED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
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1. GROSS RECEIPTS

STEER CALVES	430.00	CWT.	0.47	0.40	80.84
HEIFER CALVES	420.00	CWT.	0.42	0.40	<u>70.56</u>
TOTAL					151.40

2. VARIABLE COSTS

FERT(133-0-0)		LBS.	0.20	133.00	26.60
IRRIGATION WATER		APPL	4.00	2.00	8.00
CUSTOM BALING		TON	13.00	0.50	6.50
IRRIG. LABOR		HOUR	2.50	2.00	5.00
LIVESTOCK WATER		MOS.	0.15	12.00	1.80
SALT & MINERALS		HEAD	7.92	1.00	7.92
VET MEDICINE		HEAD	2.00	1.00	2.00
MARKETING		HEAD	6.80	1.00	6.80
MISC EXPENSE		HEAD	4.80	1.00	4.80
TRACTORS(FUEL,LUBE,REP)		DOL.			7.64
MACHINERY(FUEL,LUBE,REP)		DCL.			11.81
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.76
LABOR, TRACTOR & MACHINERY		HRS.	2.50	7.56	18.90
LABOR, EQUIPMENT		HRS.	2.50	0.95	2.37
LABOR, LIVESTOCK		HRS.	2.50	6.00	15.00
INTEREST ON OPER.CAP..		DCL.	0.09	42.22	<u>3.80</u>
TOTAL VARIABLE COSTS					129.70

3. INCOME ABOVE VARIABLE COSTS

21.70

4. FIXED COSTS

LAND RENT		ACRE	45.00	0.67	30.00
INT. ON LIVESTOCK CAPITAL		DCL.	0.09	254.85	22.94
INT. ON OTHER EQUIPMENT		DOL.	0.09	51.50	4.63
DEPR. ON COW PUR IRR PAS		DOL.			15.00
DEPR. ON BULL PUR IRR PAS		DCL.			2.47
DEPR. ON OTHER EQUIP.		DCL.			10.80
OTHER FC, MACH & EQUIP.		DCL.			<u>15.98</u>
TOTAL FIXED COSTS					101.82

5. TOTAL COSTS

231.52

6. NET RETURNS

=80.12

60 COW HERD, 80% CALF CROP INCLUDING DEATH LOSS, DEPRECIATION PLUS SALE OF BREEDING LIVESTOCK WILL BUY REPLACEMENTS, REPLACEMENT RATE 12.5%.

PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

**STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION
ESTIMATED COSTS AND RETURNS PER STOCKER
IMPROVED IRRIGATED PASTURE**

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
SLAUGHTER HEIFER	650.00	LBS.	0.42	1.00	<u>273.00</u>
TOTAL					273.00
2. VARIABLE COSTS					
STOCKER HEIFERS		LBS.	0.44	400.00	176.00
FERT(68-0-0)		ACRE	23.10	1.00	23.10
IRRIGATION WATER		APPL	4.00	0.68	2.72
IRREG. LABOR		HOUR	2.50	0.68	1.70
CUSTOM BALING		CWT.	1.30	2.00	2.60
LIVESTOCK WATER		MOS.	0.15	8.00	1.20
SALT & MINERALS		HEAD	3.00	1.00	3.00
VET MEDICINE		HEAD	1.50	1.00	1.50
MARKETING		HEAD	10.40	1.00	10.40
MISC EXPENSE		HEAD	3.20	1.00	3.20
MACHINERY(FUEL,LUBE,REP)		DOL.			2.22
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.19
LABOR, TRACTOR & MACHINERY		HRS.	2.50	0.65	1.62
LABOR, EQUIPMENT		HRS.	2.50	0.24	0.59
LABOR, LIVESTOCK		HRS.	2.50	1.20	3.00
INTEREST ON CPER.CAP.,		DOL.	0.09	138.27	<u>12.44</u>
TOTAL VARIABLE COSTS					245.49
3. INCOME ABOVE VARIABLE COSTS					27.51
4. FIXED COSTS					
LAND RENT		ACRE	7.50	1.00	7.50
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.87	1.16
DEPR. ON OTHER EQUIP.		DOL.			2.70
OTHER FC, MACH & EQUIP.		DOL.			<u>1.17</u>
TOTAL FIXED COSTS					12.53
5. TOTAL COSTS					258.02
6. NET RETURNS					14.98

240 UNIT STOCKER HEIFERS, STOCKING RATE 6 HEAD/ACRE.
225 DAY GRAZING PERIOD.

PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

COTTON, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
COTTONSEED	TON	100.00	0.20	20.00
COTTON LINT	LBS.	0.50	250.00	<u>125.00</u>
TOTAL				\$ 145.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.10	60.00	6.00
FERT(50-30-20)	ACRE	18.40	1.00	18.40
HERBICIDE	ACRE	12.00	1.00	12.00
INSECTICIDE	APPL	7.00	5.00	35.00
MACHINERY	ACRE	3.91	1.00	3.91
TRACTORS	ACRE	6.12	1.00	6.12
LABOR(TRACTOR & MACHINERY)	HOURL	2.50	2.78	6.94
INTEREST ON OP. CAP.	DOL.	0.10	30.86	<u>3.09</u>
SUBTOTAL, PRE-HARVEST				\$ 91.45
HARVEST COSTS				\$
DESICCANT	ACRE	4.50	1.75	7.88
GIN, BAG, TIES	BALE	30.00	0.50	15.00
MACHINERY	ACRE	2.32	1.00	2.32
TRACTORS	ACRE	3.45	1.00	3.45
LABOR(TRACTOR & MACHINERY)	HOURL	2.50	1.22	<u>3.05</u>
SUBTOTAL, HARVEST				\$ 31.69
TOTAL VARIABLE COST				\$ 123.15
3. BREAKEVEN PRICE, VARIABLE COSTS	LBS.			0.493
4. FIXED COSTS				\$
MACHINERY	ACRE	11.46	1.00	11.46
TRACTORS	ACRE	6.43	1.00	6.43
LAND (NET RENT)	ACRE	22.90	1.00	<u>22.90</u>
TOTAL FIXED COSTS				\$ 40.79
5. TOTAL COSTS				\$ 163.94
6. BREAKEVEN PRICE, TOTAL COSTS	LBS.			0.656

LAND CHARGE BASED ON LANDLORD SHARE OF 1/4 OF GROSS LESS 1/4 OF FERT.,
INSECTICIDE, GINNING. PROJECTED, 1976

COTTON, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER(4R)	3,32	OCT	1.00	0.239	0.160	0.96	1.13
PICKUP	10	OCT	0.10	0.125	0.100	0.33	0.16
OFFSET DISC	1,34	NOV	1.00	0.311	0.207	1.34	1.48
LISTER-BEDDER	1,60	NOV	1.00	0.347	0.231	1.33	1.07
PICKUP	10	NOV	0.20	0.250	0.200	0.67	0.32
RENTD.FERT.APPL 1	1,86	FEB	1.00	0.118	0.079	0.42	0.28
PICKUP	10	FEB	0.10	0.125	0.100	0.33	0.16
ROW DISC	3,42	MAR	1.00	0.155	0.104	0.56	0.58
PICKUP	10	MAR	0.10	0.125	0.100	0.33	0.16
PLANTER	1,48	APR	1.20	0.333	0.222	1.53	1.64
SPRAYER, HERB.	62	APR	1.20	0.0	0.310	0.07	0.21
PICKUP	10	APR	0.10	0.125	0.100	0.33	0.16
ROLLING CULTIVAT	1,58	JUNE	1.00	0.272	0.181	1.11	0.94
SPRAYER, HERB.	62	JUNE	1.00	0.0	0.258	0.06	0.18
PICKUP	10	JUNE	0.10	0.125	0.100	0.33	0.16
COTTON STRIPPER	1,70	SEPT	1.00	0.977	0.652	5.09	8.73
TRAILERS	10,76	SEPT	1.00	0.118	0.079	0.34	0.25
PICKUP	10	SEPT	0.10	0.125	0.100	0.33	0.16
PICKUP	10	SEPT	0.10	0.125	0.100	0.33	0.16
TOTALS				3.996	3.382	15.80	17.89

LAND CHARGE BASED ON LANDLORD SHARE OF 1/4 OF GROSS LESS 1/4 OF FERT.,
INSECTICIDE, GINNING. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 93 0200022000 0
ANNUAL CAPITAL MONTH 9

GRAIN SORGHUM, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAIN	CWT.	4.00	26.00	<u>104.00</u>
TOTAL				\$ 104.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.41	20.00	8.20
FERT(80-40-40)	ACRE	28.00	1.00	28.00
HERBICIDE	ACRE	4.00	1.30	5.20
INSECTICIDE	ACRE	3.00	1.00	3.00
MACHINERY	ACRE	3.39	1.00	3.39
TRACTORS	ACRE	7.30	1.00	7.30
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	2.84	7.11
INTEREST ON OP. CAP.	DOL.	0.10	19.89	<u>1.99</u>
SUBTOTAL, PRE-HARVEST				\$ 64.19
HARVEST COSTS				\$
CUSTOM COMBINE	ACRE	12.00	1.00	12.00
CUSTOM HAUL	CWT.	0.20	26.00	<u>5.20</u>
SUBTOTAL, HARVEST				\$ 17.20
TOTAL VARIABLE COST				\$ 81.39
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			3.130
4. FIXED COSTS				\$
MACHINERY	ACRE	4.55	1.00	4.55
TRACTORS	ACRE	4.89	1.00	4.89
LAND (NET RENT)	ACRE	21.24	1.00	<u>21.24</u>
TOTAL FIXED COSTS				\$ 30.68
5. TOTAL COSTS				\$ 112.07
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			4.310

LAND CHARGE BASED ON LANDLORD SHARE OF 1/3 OF GROSS LESS 1/3 OF
FERTILIZER AND HAULING. PROJECTED, 1976

GRAIN SORGHUM, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER (4R)	3,32	AUG	1.00	0.239	0.160	0.96	1.13
PICKUP	10	AUG	0.10	0.125	0.100	0.33	0.16
OFFSET DISC	1,34	NOV	1.00	0.311	0.207	1.34	1.48
LISTER-BEDDER	1,60	NOV	1.00	0.347	0.231	1.33	1.07
PICKUP	10	NOV	0.10	0.125	0.100	0.33	0.16
RENTD. FERT. APPL 1	86	FEB	1.00	0.0	0.079	0.0	0.0
LISTER-BEDDER	1,60	FEB	1.00	0.347	0.231	1.33	1.07
PICKUP	10	FEB	0.10	0.125	0.100	0.33	0.16
PLANTER	1,48	MAR	1.10	0.306	0.204	1.40	1.50
RENTD. FERT. APPL 1	86	MAR	1.10	0.0	0.086	0.0	0.0
SPRAYER, HERB.	62	MAR	1.10	0.0	0.284	0.06	0.20
PICKUP	10	MAR	0.10	0.125	0.100	0.33	0.16
ROLLING CULTIVAT	1,58	APR	1.00	0.272	0.181	1.11	0.94
PICKUP	10	APR	0.10	0.125	0.100	0.33	0.16
ROLLING CULTIVAT	1,58	MAY	1.00	0.272	0.181	1.11	0.94
SPRAYER, HERB.	62	MAY	1.00	0.0	0.258	0.06	0.18
PICKUP	10	MAY	0.10	0.125	0.100	0.33	0.16
TOTALS				2.844	2.704	10.69	9.44

LAND CHARGE BASED ON LANDLORD SHARE OF 1/3 OF GROSS LESS 1/3 OF
FERTILIZER AND HAULING. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 73 0200022000 0
ANNUAL CAPITAL MONTH 7

SOYBEANS, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
SOYBEANS	BU.	5.00	25.00	\$ <u>125.00</u>
TOTAL				\$ 125.00
2. VARIABLE COSTS				
PREHARVEST				\$
SEED	LBS.	0.14	40.00	5.60
FERT (15-60-60)	ACRE	19.95	1.00	19.95
HERBICIDE	ACRE	7.00	1.00	7.00
MACHINERY	ACRE	2.99	1.00	2.99
TRACTORS	ACRE	4.95	1.00	4.95
LABOR (TRACTOR & MACHINERY)	HOURL	2.50	2.20	5.49
INTEREST ON OP. CAP.	DOL.	0.10	18.10	<u>1.81</u>
SUBTOTAL, PRE-HARVEST				\$ 47.79
HARVEST COSTS				\$
CUSTOM COMBINE	ACRE	12.00	1.00	12.00
CUSTOM HAUL	BU.	0.20	25.00	<u>5.00</u>
SUBTOTAL, HARVEST				\$ 17.00
TOTAL VARIABLE COST				\$ 64.79
3. BREAK-EVEN PRICE, VARIABLE COSTS	BU.			2.592
4. FIXED COSTS				\$
MACHINERY	ACRE	4.53	1.00	4.53
TRACTORS	ACRE	3.67	1.00	3.67
LAND (NET RENT)	ACRE	21.25	1.00	<u>21.25</u>
TOTAL FIXED COSTS				\$ 29.44
5. TOTAL COSTS				\$ 94.23
6. BREAK-EVEN PRICE, TOTAL COSTS	BU.			3.769

PROJECTED, 1976

SOYBEANS, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
OFFSET DISC	3,34	MAR	1.00	0.311	0.207	1.22	1.48
PICKUP	10	MAR	0.10	0.125	0.100	0.33	0.16
TANDEM DISC	3,38	APR	1.00	0.222	0.148	0.95	1.32
PICKUP	10	APR	0.10	0.125	0.100	0.33	0.16
TANDEM DISC	3,38	MAY	1.00	0.222	0.148	0.95	1.32
SPRAYER, HERB.	62	MAY	1.00	0.0	0.258	0.06	0.18
PLANTER	3,48	MAY	1.20	0.333	0.222	1.40	1.64
PICKUP	10	MAY	0.10	0.125	0.100	0.33	0.16
TOOL BAR CULT.	3,56	JUNE	1.50	0.483	0.322	1.68	1.46
PICKUP	10	JUNE	0.10	0.125	0.100	0.33	0.16
PICKUP	10	OCT	0.10	0.125	0.100	0.33	0.16
TOTALS				2.196	1.806	7.94	8.19

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 9810200022000 0
ANNUAL CAPITAL MONTH 10

WHEAT FOR GRAZING AND GRAIN, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAIN	BU.	3.50	20.00	70.00
GRAZING	LBS.	0.28	170.00	<u>47.60</u>
TOTAL				\$ 117.60
2. VARIABLE COSTS				
PREHARVEST				\$
SEED	LBS.	0.13	100.00	13.00
CUSTOM PLANT	ACRE	1.75	1.00	1.75
FERT (160-60-60)	ACRE	50.40	1.00	50.40
INSECTICIDE	ACRE	2.40	1.00	2.40
MACHINERY	ACRE	1.70	1.00	1.70
TRACTORS	ACRE	1.98	1.00	1.98
LABOR (TRACTOR & MACHINERY)	HOURL	2.50	1.37	3.43
INTEREST ON OP. CAP.	DOL.	0.10	0.41	<u>0.04</u>
SUBTOTAL, PRE-HARVEST				\$ 74.70
HARVEST COSTS				\$
CUSTOM COMBINE	ACRE	12.00	1.00	12.00
CUSTOM HAUL	BU.	0.10	20.00	<u>2.00</u>
SUBTOTAL, HARVEST				\$ 14.00
TOTAL VARIABLE COST				\$ 88.70
3. INCOME ABOVE VARIABLE COSTS				\$ 28.90
4. FIXED COSTS				\$
MACHINERY	ACRE	1.86	1.00	1.86
TRACTORS	ACRE	1.65	1.00	1.65
LAND (NET RENT)	ACRE	7.50	1.00	<u>7.50</u>
TOTAL FIXED COSTS				\$ 11.01
5. TOTAL COSTS				\$ 99.71
6. NET RETURNS				\$ 17.89

PROJECTED, 1976

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