## Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Irrigated Sorghum South Plains Extension District - 2

FEVENUE     Quantity     Units     S/Unit     Total     Total       Grain Sorghum     45.00     CWT     \$8.60     \$337.00     \$47,214.00       VARIABLE COSTS     Quantity     Units     \$/Unit     Total     Total       Production Costs     Herbicide     Struct     Total     Total     Total       Seed     Sorghum     4.5     Pound     \$2.112     \$21.12     \$2,576.64       Seed     Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer     Incipation     Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer     Fertilizer (N) - Liquid     50     Pound     \$0.47     \$28.20     \$3,440.40       Custom     Harvest and Haul - Sorghum     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     Acree     \$4.75     \$4.75     \$579.50       Fertilizer Application - Liquid High     Acree     \$25.00     \$32.00     \$10.400       Insecticide<
Grain Sorghum     45.00     CWT     \$8.60     \$387.00     \$47,214.00       Total Revenue     \$387.00     \$47,214.00     \$387.00     \$47,214.00       VARIABLE COSTS     Ouantity     Units     \$/Unit     Total     Total       Production Costs     Herbicide     1     Acre     \$21.12     \$21.12     \$2,576.64       Seed     Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer (N) - Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - Liquid     50     Pound     \$0.88     \$44.20     \$5,392.40       Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,402.600       Fertilizer Application - Liquid Low     1     Acre     \$4.75     \$4.75     \$579.50       Fertilizer Application - NH3     1     Acre     \$3.50     \$3.402.400     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$3.400.400     \$3.50     \$427.00     \$3.294.00     \$10.980.0
Total Revenue     \$387.00     \$47,214.00 Enterprise       VARIABLE COSTS     Quantity     Units     \$/Unit     Total     Enterprise       Production Costs Herbicide     Herbicide and Apply Sorghum Irrig     1     Acre     \$21.12     \$21.12     \$22.576.64       Seed     Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer (N) - Liquid     50     Pound     \$0.61     \$24.44     \$2.981.68       Fertilizer (P) - Liquid     50     Pound     \$0.61     \$24.44     \$2.981.68       Fertilizer (P) - Liquid     50     Pound     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     1     Acre     \$3.50     \$3.50     \$427.00       Gustom     1     Acre     \$3.50     \$3.50     \$427.00       Miscellaneous     0.07     Hervisicade and Apply Sorghum     1     Acre     \$25.00     \$3.00.0     \$10,980.00       Irrigation     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3.050.00     \$10,980.00
VARIABLE COSTSQuantityUnits\$'UnitTotalTotalProduction Costs HerbicideHerbicide and Apply Sorghum Irrig1Acre\$21.12\$21.12\$2,576.64SeedSeed - Sorghum4.5Pound\$2.40\$10.80\$1,317.60FertilizerFertilizer (N) - Liquid40Pound\$0.61\$24.44\$2,981.68Fertilizer (P) - Liquid50Pound\$0.88\$44.20\$5,332.40Fertilizer (N) - NH360Pound\$0.47\$28.20\$3,440.40CustomHarvest and Haul - Sorghum55CWT\$0.60\$33.00\$4,026.00Fertilizer Application - Liquid High1Acre\$4.75\$4.75\$579.50Fertilizer Application - Liquid Low1Acre\$3.50\$3.50\$427.00MiscellaneousCrop Insurance Sorghum - Irrigatec1Acre\$25.00\$3.294.00Insecticide1Acre\$25.00\$3.050.00\$10.980.00Irrigation Labor0.75Hour\$12.00\$9.00\$10.980.00Machinery Labor0.69Hour\$12.00\$9.82\$1,170.81Gasoline1Acre\$5.20\$63.475\$88.76Pickup/General Use Equipment1Acre\$0.50\$61.00Irrigation Labor0.69Hour\$12.00\$8.28\$1,010.16Diesel Fuel1Acre\$5.50\$63.475Repairs & Maintenance1Acre\$5.50\$61.00
VARIABLE COSTS     Quantity     Units     \$/Unit     Total     Total       Production Costs     Herbicide     Herbicide     \$21.12     \$21.12     \$22.576.64       Seed     Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer     Fertilizer (N) - Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - Liquid     50     Pound     \$0.88     \$44.20     \$5,392.40       Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,40.40       Custom     Harvest and Haul - Sorghum     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     1     Acre     \$3.50     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$3.50     \$427.00       Insecticide     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     Acrelnch     \$10.00     \$90.00     \$1,098.00 <
Production Costs Herbicide     Herbicide and Apply Sorghum Irrig     1     Acre     \$21.12     \$21.12     \$22.576.64       Seed     Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer     Fertilizer (N) - Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - Liquid     50     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - Liquid     50     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - Liquid     50     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,440.40       Custom     Harvest and Haul - Sorghum     1     Acre     \$3,50     \$340.00       Fertilizer Application - Liquid High     1     Acre     \$3,50     \$32.50     \$32.50       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$27.00     \$3,924.00       Insecticide     Insecticide     0.61     Hour     \$12.00     \$3,050.00<
Herbicide Herbicide and Apply Sorghum Irrig     1     Acre     \$21.12     \$21.12     \$22.576.64       Seed     Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer     Fertilizer (N) - Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - Liquid     50     Pound     \$0.88     \$44.20     \$5,392.40       Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,40.40       Custom     Fertilizer Application - Liquid High     1     Acre     \$4.75     \$4.75       Fertilizer Application - Liquid Low     1     Acre     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$25.00     \$3,050.00       Irrigation     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation Labor     0.75     Hour     \$10.00     \$90.00     \$1,098.00       Irrigation Labor
Seed     Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer     Fertilizer (N) - Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (N) - Liquid     50     Pound     \$0.88     \$44.20     \$5,392.40       Fertilizer (N) - NH3     60     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer Application - Liquid High     1     Acre     \$4.75     \$5,79.50       Fertilizer Application - Liquid Low     1     Acre     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$25.00     \$3,950.00       Insecticide     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     Irrigation Labor     0.75     Hour     \$12.00     \$9.00     \$1,980.00       Irrigation Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Dissel Fuel     Tractors/Self-Prop
Seed - Sorghum     4.5     Pound     \$2.40     \$10.80     \$1,317.60       Fertilizer     Fertilizer (N) - Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (P) - Liquid     50     Pound     \$0.88     \$44.20     \$5,392.40       Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,440.40       Custom     Harvest and Haul - Sorghum     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     1     Acre     \$4.75     \$4.75     \$579.50       Fertilizer Application - NH3     1     Acre     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$2.00     \$3,950.00       Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     Acrelnch     \$10.00     \$90.00     \$10,980.00       Machinery Labor     0.75     Hour     \$12.00     \$3.28     \$1,010.16       Diesel Fuel     Tractor
Fertilizer     Status     Status<
Fertilizer (N) - Liquid     40     Pound     \$0.61     \$24.44     \$2,981.68       Fertilizer (P) - Liquid     50     Pound     \$0.88     \$44.20     \$5,392.40       Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,440.40       Custom     Harvest and Haul - Sorghum     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     1     Acre     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$25.00     \$3,050.00       Insecticide     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     Acrelnch     \$10.00     \$90.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$9.00     \$10,980.00       Irrigation Labor     0.69     Hour     \$12.00     \$8.28     \$1,101.61       Diesel Fuel     Tractors/Self-Propelled<
Fertilizer (P) - Liquid Fertilizer (N) - NH3     50     Pound     \$0.88     \$44.20     \$5,392.40       Custom     \$0.47     \$28.20     \$3,440.40       Custom     Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,440.40       Custom     Harvest and Haul - Sorghum     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid Low     1     Acre     \$4.75     \$4.75     \$579.50       Fertilizer Application - NH3     1     Acre     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$27.00     \$3,294.00       Insecticide     Insecticide and Apply Sorghum     1     Acre     \$27.00     \$3,050.00       Irrigation     Energy Cost     9.00     Acrelnch     \$10.00     \$90.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel     Tractors/Self-Propelled     0.61     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel
Fertilizer (N) - NH3     60     Pound     \$0.47     \$28.20     \$3,440.40       Custom     Harvest and Haul - Sorghum     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     1     Acre     \$4.75     \$579.50       Fertilizer Application - Liquid Low     1     Acre     \$3.50     \$3.50     \$427.00       Fertilizer Application - Unquid Low     1     Acre     \$3.50     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$27.00     \$3,994.00       Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     0.75     Hour     \$12.00     \$9.00     \$10,980.00       Machinery Labor     0.69     Hour     \$12.00     \$9.60     \$1,098.00       Machinery Labor     0.69     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Dissel Fuel     Tractors/Self-Propelled     3.2     Gall
Custom     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     1     Acre     \$4.75     \$4.75     \$579.50       Fertilizer Application - Liquid Low     1     Acre     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$27.00     \$3,294.00       Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     Acrelnch     \$10.00     \$99.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$9.00     \$1,098.00       Machinery Labor     0.61     Hour     \$12.00     \$9.23     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel     Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline     Pickup/General Use Equipment     1     Acre
Harvest and Haul - Sorghum     55     CWT     \$0.60     \$33.00     \$4,026.00       Fertilizer Application - Liquid High     1     Acre     \$4,75     \$4,75     \$579.50       Fertilizer Application - Liquid Low     1     Acre     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$427.00       Miscellaneous
Fertilizer Application - Liquid High Fertilizer Application - Liquid Low     1     Acre     \$4.75     \$4.75     \$579.50       Fertilizer Application - Liquid Low     1     Acre     \$3.50     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$27.00     \$3,294.00       Insecticide     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     Acrelnch     \$10.00     \$90.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$9.00     \$10,980.00       Machinery Labor     Tractors/Self-Propelled     0.61     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$7.32     \$893.04       Gasoline     7     Pickup/General Use Equipment     1     Acre     \$5.20     \$634.75       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre
Fertilizer Application - Liquid Low     1     Acre     \$3.50     \$3.50     \$427.00       Fertilizer Application - NH3     1     Acre     \$3.50     \$3.50     \$427.00       Miscellaneous     Crop Insurance Sorghum - Irrigatec     1     Acre     \$27.00     \$3,294.00       Insecticide     Insecticide and Apply Sorghum     1     Acre     \$27.00     \$3,294.00       Irrigation     Insecticide and Apply Sorghum     1     Acre     \$27.00     \$3,294.00       Irrigation     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation Labor     0.00     AcreInch     \$10.00     \$90.00     \$10,980.00       Machinery Labor     Tractors/Self-Propelled     0.61     Hour     \$12.00     \$8.28     \$1,101.16       Diesel Fuel     Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline     Pickup/General Use Equipment     1     Acre     \$0.50     \$61.00       Irrigation Equipment     1     Acre     \$15.75     \$11,921.50     \$14,
Fertilizer Application - NH31Acre\$3.50\$427.00MiscellaneousCrop Insurance Sorghum - Irrigatec1Acre\$27.00\$27.00\$3,294.00InsecticideInsecticide and Apply Sorghum1Acre\$25.00\$25.00\$3,050.00IrrigationEnergy Cost9.00AcreInch\$10.00\$90.00\$10,980.00Irrigation Labor0.75Hour\$12.00\$9.00\$10,980.00Machinery Labor0.61Hour\$12.00\$9.00\$1,098.00Other Labor0.69Hour\$12.00\$8.28\$1,010.16Diesel FuelTractors/Self-Propelled3.2Gallon\$3.00\$9.60\$1,170.81GasolinePickup/General Use Equipment1Acre\$5.20\$5.20\$634.75Repairs & MaintenancePickup/General Use Equipment1Acre\$15.75\$1,921.50Irrigation Equipment1Acre\$0.00\$732.00\$306.00Indements1Acre\$3.00\$3.00\$366.00Indements1Acre\$3.00\$3.00\$366.00Indements1Acre\$3.00\$3.00\$366.00Interest on Credit Line9.00%\$13.86\$1,690.91Planned Returns Above Variable Costs\$8.76\$8.76\$8.76
Miscellaneous Crop Insurance Sorghum - Irrigated1Acre\$27.00\$27.00\$3,294.00Insecticide Insecticide and Apply Sorghum1Acre\$25.00\$25.00\$3,050.00Irrigation Irrigation Labor9.00AcreInch\$10.00\$90.00\$10,980.00Irrigation Labor0.75Hour\$12.00\$9.00\$1,098.00Machinery Labor0.61Hour\$12.00\$9.32\$893.04Other Labor0.69Hour\$12.00\$8.28\$1,010.16Diesel Fuel3.2Gallon\$3.00\$9.60\$1,170.81Gasoline7ractors/Self-Propelled3.2Gallon\$3.00\$9.60\$1,170.81Gasoline1Acre\$5.20\$5.20\$634.75Repairs & Maintenance1Acre\$5.20\$634.75Pickup/General Use Equipment1Acre\$0.50\$61.00Irrigation Equipment1Acre\$0.00\$732.00Implements1Acre\$3.00\$3.00\$366.00Interest on Credit Line9.00%\$13.86\$1,690.91Total Variable Costs\$8.76\$8.70\$87.02\$48,070.39Planned Returns Above Variable Costs\$8.76\$8.76\$8.76
Crop Insurance Sorghum - Irrigatec     1     Acre     \$27.00     \$27.00     \$3,294.00       Insecticide     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     AcreInch     \$10.00     \$90.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$9.00     \$1,998.00       Machinery Labor     0.75     Hour     \$12.00     \$9.00     \$1,980.00       Machinery Labor     0.69     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,101.16       Diesel Fuel     Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline     Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$5.20     \$634.75       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.50     \$61.00       Irrigation Equipment     1     Acre     \$3.00     \$3.00     \$366.00       Inpl
Insecticide     Insecticide and Apply Sorghum     1     Acre     \$25.00     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     AcreInch     \$10.00     \$90.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$9.00     \$10,980.00       Machinery Labor     0.75     Hour     \$12.00     \$9.00     \$1,098.00       Machinery Labor     0.61     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,101.16       Diesel Fuel     Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline     Pickup/General Use Equipment     1     Acre     \$5.20     \$634.75       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$15.75     \$1,921.50       Tractors/Self-Propelled     1     Acre     \$3.00     \$3.00     \$366.00       Irrigation Equipment     1     Acre     \$3.00     \$3.00     \$366.00       Irrigation E
Insecticide and Apply Sorghum     1     Acre     \$25.00     \$25.00     \$3,050.00       Irrigation     Energy Cost     9.00     AcreInch     \$10.00     \$90.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$90.00     \$1,098.00       Machinery Labor     0.61     Hour     \$12.00     \$9.00     \$1,098.00       Other Labor     0.69     Hour     \$12.00     \$9.30     \$1,098.00       Diesel Fuel
Irrigation     9.00     Acrelnch     \$10.00     \$90.00     \$10,980.00       Irrigation Labor     0.75     Hour     \$12.00     \$90.00     \$1,098.00       Machinery Labor     Tractors/Self-Propelled     0.61     Hour     \$12.00     \$9.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline     -     -     -     \$5.20     \$634.75       Pickup/General Use Equipment     1     Acre     \$5.20     \$634.75       Repairs & Maintenance     -     -     -     -       Pickup/General Use Equipment     1     Acre     \$0.50     \$61.00       Irrigation Equipment     1     Acre     \$1.00     \$732.00     \$732.00       Implements     1     Acre     \$10.00     \$732.00     \$732.00     \$30.00     \$30.00     \$366.00     \$732.00     \$38.00     \$30.00     \$366.00     \$13.86     \$1,690.91     \$394.02
Energy Cost Irrigation Labor     9.00     AcreInch Hour     \$10.00     \$90.00     \$10,980.00       Machinery Labor     0.75     Hour     \$12.00     \$9.00     \$1,098.00       Machinery Labor     Tractors/Self-Propelled     0.61     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel     Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline     Pickup/General Use Equipment     1     Acre     \$5.20     \$634.75       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$15.75     \$1,921.50       Tractors/Self-Propelled     1     Acre     \$3.00     \$3.00     \$366.00       Irrigation Equipment     1     Acre     \$3.00     \$3.00     \$366.00       Implements     1     Acre     \$3.00     \$366.00     \$732.00       Implements     1     Acre     \$3.00     \$366.00     \$366.00       Interest on Credit Line     <
Irrigation Labor     0.75     Hour     \$12.00     \$9.00     \$1,098.00       Machinery Labor     Tractors/Self-Propelled     0.61     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel     Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline
Tractors/Self-Propelled     0.61     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel
Tractors/Self-Propelled     0.61     Hour     \$12.00     \$7.32     \$893.04       Other Labor     0.69     Hour     \$12.00     \$8.28     \$1,010.16       Diesel Fuel
Diesel Fuel Tractors/Self-Propelled3.2Gallon\$3.00\$9.60\$1,170.81Gasoline Pickup/General Use Equipment1Acre\$5.20\$5.20\$634.75Repairs & Maintenance Pickup/General Use Equipment1Acre\$0.50\$0.50\$61.00Irrigation Equipment1Acre\$15.75\$15.75\$1,921.50Tractors/Self-Propelled1Acre\$6.00\$732.00Implements1Acre\$3.00\$366.00Interest on Credit Line9.00%\$13.86\$1,690.91Total Variable Costs\$8.76CWT
Tractors/Self-Propelled     3.2     Gallon     \$3.00     \$9.60     \$1,170.81       Gasoline     Pickup/General Use Equipment     1     Acre     \$5.20     \$52.00     \$634.75       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.50     \$61.00       Irrigation Equipment     1     Acre     \$15.75     \$15.75     \$1,921.50       Tractors/Self-Propelled     1     Acre     \$6.00     \$732.00       Implements     1     Acre     \$3.00     \$366.00       Interest on Credit Line     9.00%     \$13.86     \$1,690.91       Total Variable Costs     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     (\$7.02)     (\$856.39)       Breakeven Price to Cover Variable Costs     \$8.76     CWT
Gasoline     Pickup/General Use Equipment     1     Acre     \$5.20     \$5.20     \$634.75       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.50     \$60.50     \$61.00       Irrigation Equipment     1     Acre     \$15.75     \$11.575     \$1,921.50       Tractors/Self-Propelled     1     Acre     \$6.00     \$732.00       Implements     1     Acre     \$3.00     \$366.00       Interest on Credit Line     9.00%     \$13.86     \$1,690.91       Total Variable Costs     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     (\$7.02)     (\$856.39)       Breakeven Price to Cover Variable Costs     \$8.76     CWT
Pickup/General Use Equipment     1     Acre     \$5.20     \$634.75       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.50     \$0.50     \$61.00       Irrigation Equipment     1     Acre     \$15.75     \$15.75     \$1,921.50       Tractors/Self-Propelled     1     Acre     \$6.00     \$732.00       Implements     1     Acre     \$3.00     \$366.00       Interest on Credit Line     9.00%     \$13.86     \$1,690.91       Total Variable Costs     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     (\$7.02)     (\$856.39)       Breakeven Price to Cover Variable Costs     \$8.76     CWT
Repairs & Maintenance     1     Acre     \$0.50     \$0.50     \$61.00       Irrigation Equipment     1     Acre     \$15.75     \$15.75     \$1,921.50       Tractors/Self-Propelled     1     Acre     \$6.00     \$732.00       Implements     1     Acre     \$3.00     \$366.00       Interest on Credit Line     9.00%     \$13.86     \$1,690.91       Total Variable Costs     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     (\$7.02)     (\$856.39)       Breakeven Price to Cover Variable Costs     \$8.76     CWT
Pickup/General Use Equipment     1     Acre     \$0.50     \$0.50     \$61.00       Irrigation Equipment     1     Acre     \$15.75     \$15.75     \$19,21.50       Tractors/Self-Propelled     1     Acre     \$60.00     \$732.00       Implements     1     Acre     \$3.00     \$366.00       Interest on Credit Line     9.00%     \$13.86     \$1,690.91       Total Variable Costs     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     (\$7.02)     (\$856.39)       Breakeven Price to Cover Variable Costs     \$8.76     CWT
Irrigation Equipment     1     Acre     \$15.75     \$15.75     \$1,921.50       Tractors/Self-Propelled     1     Acre     \$6.00     \$6.00     \$732.00       Implements     1     Acre     \$3.00     \$366.00     \$366.00       Introperst on Credit Line     9.00%     \$13.86     \$1,690.91     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     (\$7.02)     \$\$856.39)     \$\$8.76     CWT
Tractors/Self-Propelled     1     Acre     \$6.00     \$732.00       Implements     1     Acre     \$3.00     \$3366.00     \$366.00       Interest on Credit Line     9.00%     \$13.86     \$1,690.91       Total Variable Costs     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     (\$7.02)     (\$856.39)       Breakeven Price to Cover Variable Costs     \$8.76     CWT
Implements     1     Acre     \$3.00     \$3.00     \$366.00       Interest on Credit Line     9.00%     \$13.86     \$1,690.91       Total Variable Costs     \$394.02     \$48,070.39       Planned Returns Above Variable Costs:     \$8.76     \$\$8.76
Interest on Credit Line 9.00% \$13.86 \$1,690.91 Total Variable Costs \$3394.02 \$48,070.39 Planned Returns Above Variable Costs: (\$7.02) (\$856.39) Breakeven Price to Cover Variable Costs \$8.76 CWT
Total Variable Costs \$394.02 \$48,070.39   Planned Returns Above Variable Costs: (\$7.02) (\$856.39)   Breakeven Price to Cover Variable Costs \$8.76 CWT
Planned Returns Above Variable Costs: (\$7.02) (\$856.39)   Breakeven Price to Cover Variable Costs \$8.76 CWT
Breakeven Price to Cover Variable Costs \$8.76 CWT
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FIXED COSTS Quantity Units \$/Unit Total Total Equipment Fixed Costs
Pickup/General Use Equipment 1 Acre \$1.25 \$1.25 \$152.50
Irrigation Equipment 1 Acre \$55.00 \$55.00 \$6,710.00
Tractors/Self-Propelled 1 Acre \$12.00 \$12.00 \$1,464.00
Implements 1 Acre \$12.00 \$1,404.00
Management Fee, Owner/Operator Labor 1 Acre \$10.00 \$1,220.00 \$3,660.00
Cash Rent - Sorghum Irrigated 1 Acre \$100.00 \$100.00 \$12,200.00
Whole Farm Insurance     1     Acre     \$2.00     \$24.00
Total Fixed Costs \$210.25 \$25,650.50
Total Specified Costs \$604.27 \$73,720.89
Returns Above Specified Costs (\$217.27) (\$26,506.89)
Breakeven Price to Cover Total Costs \$13.43 CWT

		Examp	Example Breakeven Prices	
Example	Example	To Cover	To Cover	
Yield	Yield	Variable	Total	
Percent	CWT	Costs	Costs	
75%	33.75	\$11.67	\$17.90	
90%	40.50	\$9.73	\$14.92	
100%	45.00	\$8.76	\$13.43	
110%	49.50	\$7.96	\$12.21	
125%	56.25	\$7.00	\$10.74	

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

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.