

SAMPLE COSTS TO PRODUCE SUDANGRASS SEED

CROP.....=SUDANGRASS	GROSS INCOME PER ACRE....=	500.00
YIELD/ACRE IN LBS...= 2500	TOTAL CASH COSTS/ACRE....=	526.50
MARKET VALUE/POUND...= .20	NET LOSS/ ACRE.....=	-26.50

EXPENSES

TYPE OF COST	COST	YOUR COST
CULTURAL COSTS: FUEL, ELECTRICITY, SEED		
DISC 2X @ \$7.50	15.00	-----
CHISEL, APPLY FERT, PULL FLOAT	15.00	-----
PLANE 1X	6.70	-----
BORDER CONSTRUCTION	1.00	-----
PLANE 1X BETWEEN BORDERS	6.70	-----
HERBICIDE APPLICATION COSTS	4.50	-----
PLANTING	6.70	-----
INSECTICIDE AIR APPLICATION COSTS	6.00	-----
IRRIGATE 8X (3 ac/ft total)	55.00	-----
EMPLOYEE PICKUPS	3.14	-----
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SUBTOTAL FOR CULTURAL COSTS:	119.74	-----

CHEMICAL AND SEED COSTS		
SEED: HYBRID 30 LBS/A, .50/LB	15.00	-----
ATRAZINE HERBICIDE	8.00	-----
ROUNDUP FOR JOHNSONGRASS (OUTSIDE FIELD)	.20	-----
2,4-D HERBICIDE @ 1 1/4 PINT/ACRE	1.81	-----
FERT. 200 LBS. 11-52-0 @ .115/LB	23.00	-----
FERT. 200 LBS NH3 @ .105/LB	21.00	-----
SEVIN/NUDRIN INSECTICIDE	10.00	-----
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SUBTOTAL FOR CHEM. & SEED:	79.01	-----

HARVEST/CLEANING COSTS

SWATHER	11.00	-----
HARVESTER	40.00	-----
HAULING @ .002/LB, 3000 LBS	6.00	-----
SEED CLEANING .02*2500 LBS	50.00	-----
STORAGE TEST .011*2500 LBS	27.50	-----
INSPECTION FEE .25/ACRE	.25	-----

SUBTOTAL HARVEST & CLEANING: 134.75

LABOR COSTS

IRRIGATION LABOR	6.00	-----
MECHANIC	10.00	-----

SUBTOTAL FOR LABOR: 16.00

DEBT SERVICE

INTEREST ON LOAN @ %13	35.00	-----
INTEREST ON EQUIPMENT	4.50	-----

SUBTOTAL FOR DEBT SERVICE: 39.50

CASH OVERHEAD

CASH RENTAL AGREEMENT (Range from \$60-\$80)	70.00	-----
REPAIR/MAINTENANCE	30.00	-----
TAXES ON EQUIPMENT	2.50	-----
MANAGEMENT SALARY & OFFICE EXPENSES	30.00	-----
INSURANCE	5.00	-----

SUBTOTAL FOR CASH OVERHEAD: 137.50

TOTAL CASH COSTS/ACRE FOR SUDAN: 526.50

NON-CASH COSTS

INTEREST ON BUILDINGS	10.67	-----
BUILDING DEPRECIATION	4.44	-----
EQUIPMENT DEPRECIATION	37.50	-----

SUBTOTAL FOR NON-CASH COSTS: 52.61

SUDAN GRASS

SOIL REQUIREMENTS - Can be grown on shallow soils.

PLANTING DATES - Plant anytime after May 1st, up through June. Later plantings can be wind/rain damaged near harvest. Plant with a drill or broadcaster.

HARVEST DATES - August, September, October harvest.

VARIETIES - Hybrid varieties, depending on seed contracts. The public varieties include: Piper, Sweet, and Greenleaf.

SEEDING RATE - Sudangrass is planted at 20-30 pounds of seed per acre.

FERTILIZER - Apply 100-200 pounds of Nitrogen as NH₃ preplant. Fertilizer 11-52-0 is commonly applied at 200 pounds per acre, at seeding.

IRRIGATION - Irrigation may be needed every 10 days between May and September, amounting to about 9 irrigations for a total of 3 acre-feet.

YIELDS - Average 2,500 pounds of seed per acre.

INSECT PROBLEMS - Beet armyworm is the most common insect pest.

WEED PROBLEMS - Sudangrass grown for seed **MUST BE FREE FROM JOHNSONGRASS!** Atrazine for grass control and 2,4-D for broadleaf weed control are commonly used in sudangrass seed production. Roundup can be used for spot treatments of johnsongrass outside the field. Morningglory (field bindweed) is a common broadleaf weed of concern to many growers.