

2022 Sorghum No-Till Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed	Brown Mid Rib	lb	5.00	\$3.50	\$17.50	_____
	No-Till Drilling	acre	1.00	\$23.13	\$23.13	_____
Fertilizer (1.)	Nitrogen	lb	80.00	\$0.73	\$58.40	_____
	Phosphate	lb	30.00	\$0.91	\$27.30	_____
	Potash	lb	30.00	\$0.73	\$21.75	_____
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	_____
	Lime	ton	0.0	\$34.75	\$0.00	_____
Weed Control						
Burndown (2.)	Gramoxone Max	pt	1.50	\$6.13	\$9.20	_____
	Surfactant	pt	0.50	\$2.69	\$1.35	_____
	Herbicide Application	acre	1.00	\$8.95	\$8.95	_____
Machinery						
Fuel		acre	1.00	\$0.18	\$0.18	_____
Oil and Filter		acre	1.00	\$0.08	\$0.08	_____
Repairs and Maintenance		acre	1.00	\$3.57	\$3.57	_____
Interest on Operating Capital (6 months)		acre	\$179.41	6.00%	\$5.38	_____
Total Variable Expenses					\$184.79	_____
Fixed Expenses						
Machinery						
Depreciation		acre	1.00	\$6.71	\$6.71	_____
Interest		acre	1.00	\$8.71	\$8.71	_____
Housing and Insurance		acre	1.00	\$0.57	\$0.57	_____
Land Charge		acre	1.00	\$100.00	\$100.00	_____
Total Fixed Expenses					\$115.99	_____
Labor Expenses						
Labor (3.)		hour	0.91	\$15.00	\$13.65	_____
Total Establishment Expenses					\$314.43	_____
10% Risk of Re-establishment					\$345.88	_____

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 80 lbs of nitrogen is required to get Sorghum established.

2. Other herbicides may also be required depending on the weeds present prior to establishment.

3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Sorghum, No-Till, Budget

2022 Sorghum Conventional Tillage Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed	Brown Mid Rib	lb	5.00	\$3.50	\$17.50	
	Chisel Plowing	acre	2.00	\$20.00	\$40.00	
	Disking	acre	1.00	\$20.00	\$20.00	
	Conventional Drilling	acre	1.00	\$21.32	\$21.32	
Fertilizer (1.)	Nitrogen	lb	80.00	\$0.73	\$58.40	
	Phosphate	lb	30.00	\$0.91	\$27.30	
	Potash	lb	30.00	\$0.73	\$21.75	
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	
	Lime	ton	0.0	\$34.75	\$0.00	
Weed Control						
Pre-Emergence (2.)	Atrazine 4L	pt	4.00	\$4.72	\$18.88	
	Surfactant	pt	0.50	\$2.69	\$1.35	
	Herbicide Application	acre	1.00	\$8.95	\$8.95	
Machinery						
Fuel		acre	1.00	\$0.37	\$0.37	
Oil and Filter		acre	1.00	\$0.17	\$0.17	
Repairs and Maintenance		acre	1.00	\$5.36	\$5.36	
Interest on Operating Capital (6 months)		acre	\$249.34	6.00%	\$7.48	
Total Variable Expenses					\$256.82	
Fixed Expenses						
Machinery						
Depreciation		acre	1.00	\$10.07	\$10.07	
Interest		acre	1.00	\$13.06	\$13.06	
Housing and Insurance		acre	1.00	\$0.86	\$0.86	
Land Charge		acre	1.00	\$100.00	\$100.00	
Total Fixed Expenses					\$123.99	
Labor Expenses						
Labor (3.)		hour	1.5	\$15.00	\$22.50	
Total Establishment Expenses					\$403.31	
10% Risk of Re-establishment					\$443.64	

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 80 lbs of nitrogen is required to get Sorghum established.

2. Other herbicides may also be required depending on the weeds present prior to establishment.

3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Sorghum, Conventional Tillage, Budget

2022 Sorghum / Sudangrass No-Till Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed	Brown Mid Rib	lb	50.00	\$1.72	\$86.00	_____
	No-Till Drilling	acre	1.00	\$23.13	\$23.13	_____
Fertilizer (1.)	Nitrogen	lb	60.00	\$0.73	\$43.80	_____
	Phosphate	lb	30.00	\$0.91	\$27.30	_____
	Potash	lb	30.00	\$0.73	\$21.75	_____
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	_____
	Lime	ton	0.0	\$34.75	\$0.00	_____
Weed Control						
Burndown (2.)	Gramoxone Max	pt	1.50	\$6.13	\$9.20	_____
	Surfactant	pt	0.50	\$2.69	\$1.35	_____
	Herbicide Application	acre	1.00	\$8.95	\$8.95	_____
Machinery						
Fuel		acre	1.00	\$0.18	\$0.18	_____
Oil and Filter		acre	1.00	\$0.08	\$0.08	_____
Repairs and Maintenance		acre	1.00	\$3.57	\$3.57	_____
Interest on Operating Capital (6 months)		acre	\$233.31	6.00%	\$7.00	_____
			Total Variable Expenses		\$240.31	_____
Fixed Expenses						
Machinery						
Depreciation		acre	1.00	\$6.71	\$6.71	_____
Interest		acre	1.00	\$8.71	\$8.71	_____
Housing and Insurance		acre	1.00	\$0.57	\$0.57	_____
Land Charge		acre	1.00	\$100.00	\$100.00	_____
			Total Fixed Expenses		\$115.99	_____
Labor Expenses						
Labor (3.)		hour	0.91	\$15.00	\$13.65	_____
			Total Establishment Expenses		\$369.95	_____
			10% Risk of Re-establishment		\$406.95	_____

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 60 lbs of nitrogen is required to get Sorghum / Sudangrass established. If hayed or grazed, 40-50 lbs of nitrogen should be applied following each cutting.

2. Other herbicides may also be required depending on the weeds present prior to establishment.

3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Sorghum / Sudangrass, No-Till, Budget

2022 Sorghum / Sudangrass Conventional Tillage Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed	Brown Mid Rib	lb	50.00	\$1.72	\$86.00	_____
	Chisel Plowing	acre	2.00	\$20.00	\$40.00	_____
	Disking	acre	1.00	\$20.00	\$20.00	_____
	Conventional Drilling	acre	1.00	\$21.32	\$21.32	_____
Fertilizer (1.)	Nitrogen	lb	60.00	\$0.73	\$43.80	_____
	Phosphate	lb	30.00	\$0.91	\$27.30	_____
	Potash	lb	30.00	\$0.73	\$21.75	_____
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	_____
	Lime	ton	0.0	\$34.75	\$0.00	_____
Weed Control						
Pre-Emergence (2.)	Atrazine	pt	4.00	\$4.72	\$18.88	_____
	Surfactant	pt	0.50	\$2.69	\$1.35	_____
	Herbicide Application	acre	1.00	\$8.95	\$8.95	_____
Machinery						
Fuel		acre	1.00	\$0.37	\$0.37	_____
Oil and Filter		acre	1.00	\$0.17	\$0.17	_____
Repairs and Maintenance		acre	1.00	\$5.36	\$5.36	_____
Interest on Operating Capital (6 months)		acre	\$303.24	6.00%	\$9.10	_____
Total Variable Expenses					\$312.33	_____
Fixed Expenses						
Machinery						
Depreciation		acre	1.00	\$10.07	\$10.07	_____
Interest		acre	1.00	\$13.06	\$13.06	_____
Housing and Insurance		acre	1.00	\$0.86	\$0.86	_____
Land Charge		acre	1.00	\$100.00	\$100.00	_____
Total Fixed Expenses					\$123.99	_____
Labor Expenses						
Labor (3.)		hour	1.5	\$15.00	\$22.50	_____
Total Establishment Expenses					\$458.83	_____
10% Risk of Re-establishment					\$504.71	_____

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 60 lbs of nitrogen is required to get Sorghum / Sudangrass established. If hayed or grazed, 40-50 lbs of nitrogen should be applied following each cutting.

2. Other herbicides may also be required depending on the weeds present prior to establishment.

3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Sorghum / Sudangrass, Conventional Tillage, Budget

2022 Sudangrass No-Till Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
<i>Variable Expenses</i>						
Seed	Brown Mid Rib	lb	30.00	\$2.22	\$66.60	_____
	No-Till Drilling	acre	1.00	\$23.13	\$23.13	_____
Fertilizer (1.)	Nitrogen	lb	60.00	\$0.73	\$43.80	_____
	Phosphate	lb	30.00	\$0.91	\$27.30	_____
	Potash	lb	30.00	\$0.73	\$21.75	_____
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	_____
	Lime	ton	0.0	\$34.75	\$0.00	_____
Weed Control						
Burndown (2.)	Gramoxone Max	pt	1.50	\$6.13	\$9.20	_____
	Surfactant	pt	0.50	\$2.69	\$1.35	_____
	Herbicide Application	acre	1.00	\$8.95	\$8.95	_____
Machinery						
Fuel		acre	1.00	\$0.18	\$0.18	_____
Oil and Filter		acre	1.00	\$0.08	\$0.08	_____
Repairs and Maintenance		acre	1.00	\$3.57	\$3.57	_____
Interest on Operating Captial (6 months)		acre	\$213.91	6.00%	\$6.42	_____
				Total Variable Expenses	\$220.33	_____
<i>Fixed Expenses</i>						
Machinery						
Depreciation		acre	1.00	\$6.71	\$6.71	_____
Interest		acre	1.00	\$8.71	\$8.71	_____
Housing and Insurance		acre	1.00	\$0.57	\$0.57	_____
Land Charge		acre	1.00	\$100.00	\$100.00	_____
				Total Fixed Expenses	\$115.99	_____
<i>Labor Expenses</i>						
Labor (3.)		hour	0.91	\$15.00	\$13.65	_____
				Total Establishment Expenses	\$349.97	_____
				10% Risk of Re-establishment	\$384.97	_____

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 60 lbs of nitrogen is required to get Sudangrass established. If hayed or grazed, 40-50 lbs of nitrogen should be applied following each cutting.

2. Other herbicides may also be required depending on the weeds present prior to establishment.

3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Sudangrass, No-Till, Budget

2022 Sudangrass Conventional Tillage Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed	Brown Mid Rib	lb	30.00	\$2.22	\$66.60	_____
	Chisel Plowing	acre	2.00	\$20.00	\$40.00	_____
	Disking	acre	1.00	\$20.00	\$20.00	_____
	Conventional Drilling	acre	1.00	\$21.32	\$21.32	_____
Fertilizer	Nitrogen	lb	60.00	\$0.73	\$43.80	_____
	Phosphate	lb	30.00	\$0.91	\$27.30	_____
	Potash	lb	30.00	\$0.73	\$21.75	_____
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	_____
	Lime	ton	0.0	\$34.75	\$0.00	_____
Weed Control						
Pre-Emergence	Atrazine 4L	pt	4.00	\$4.72	\$18.88	_____
	Surfactant	pt	0.50	\$2.69	\$1.35	_____
	Herbicide Application	acre	1.00	\$8.95	\$8.95	_____
Machinery						
Fuel		acre	1.00	\$0.37	\$0.37	_____
Oil and Filter		acre	1.00	\$0.17	\$0.17	_____
Repairs and Maintenance		acre	1.00	\$5.36	\$5.36	_____
Interest on Operating Capital (6 months)		acre	\$283.84	6.00%	\$8.52	_____
Total Variable Expenses					\$292.35	_____
Fixed Expenses						
Machinery						
Depreciation		acre	1.00	\$10.07	\$10.07	_____
Interest		acre	1.00	\$13.06	\$13.06	_____
Housing and Insurance		acre	1.00	\$0.86	\$0.86	_____
Land Charge		acre	1.00	\$100.00	\$100.00	_____
Total Fixed Expenses					\$123.99	_____
Labor Expenses						
Labor (2.)		hour	1.5	\$15.00	\$22.50	_____
Total Establishment Expenses					\$438.84	_____
10% Risk of Re-establishment					\$482.73	_____

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 60 lbs of nitrogen is required to get Sudangrass established. If hayed or grazed, 40-50 lbs of nitrogen should be applied following each cutting.

2. Other herbicides may also be required depending on the weeds present prior to establishment.

3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Sudangrass, Conventional Tillage, Budget

2022 Pearl Millet No-Till Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed	White Mid Rib	lb	50.00	\$1.76	\$88.00	_____
	No-Till Drilling	acre	1.00	\$23.13	\$23.13	_____
Fertilizer (1.)	Nitrogen	lb	60.00	\$0.73	\$43.80	_____
	Phosphate	lb	30.00	\$0.91	\$27.30	_____
	Potash	lb	30.00	\$0.73	\$21.75	_____
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	_____
	Lime	ton	0.0	\$34.75	\$0.00	_____
Weed Control						
Burndown (2.)	Gramoxone Max	pt	1.50	\$6.13	\$9.20	_____
	Surfactant	pt	0.50	\$2.69	\$1.35	_____
	Herbicide Application	acre	1.00	\$8.95	\$8.95	_____
Machinery						
Fuel		acre	1.00	\$0.18	\$0.18	_____
Oil and Filter		acre	1.00	\$0.08	\$0.08	_____
Repairs and Maintenance		acre	1.00	\$3.57	\$3.57	_____
Interest on Operating Capital (6 months)		acre	\$235.31	6.00%	\$7.06	_____
				Total Variable Expenses	\$242.37	_____
Fixed Expenses						
Machinery						
Depreciation		acre	1.00	\$6.71	\$6.71	_____
Interest		acre	1.00	\$8.71	\$8.71	_____
Housing and Insurance		acre	1.00	\$0.57	\$0.57	_____
Land Charge		acre	1.00	\$100.00	\$100.00	_____
				Total Fixed Expenses	\$115.99	_____
Labor Expenses						
Labor (3.)		hour	0.91	\$15.00	\$13.65	_____
				Total Establishment Expenses	\$372.01	_____
				10% Risk of Re-establishment	\$409.21	_____

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 60 lbs of nitrogen is required to get Sudangrass established. If hayed or grazed, 40-50 lbs of nitrogen should be applied following each cutting.

2. Other herbicides may also be required depending on the weeds present prior to establishment.

3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Pearl Millet, No-Till, Budget

2022 Pearl Millet Conventional Tillage Budget

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed	White Mid Rib	lb	50.00	\$1.76	\$88.00	_____
	Chisel Plowing	acre	2.00	\$20.00	\$40.00	_____
	Disking	acre	1.00	\$20.00	\$20.00	_____
	Conventional Drilling	acre	1.00	\$21.32	\$21.32	_____
Fertilizer	Nitrogen	lb	60.00	\$0.73	\$43.80	_____
	Phosphate	lb	30.00	\$0.91	\$27.30	_____
	Potash	lb	30.00	\$0.73	\$21.75	_____
	Fertilizer Application	acre	1.00	\$8.00	\$8.00	_____
	Lime	ton	0.0	\$34.75	\$0.00	_____
Weed Control						
Pre-Emergence	Atrazine 4L	pt	4.00	\$4.72	\$18.88	_____
	Surfactant	pt	0.50	\$2.69	\$1.35	_____
	Herbicide Application	acre	1.00	\$8.95	\$8.95	_____
Machinery						
Fuel		acre	1.00	\$0.37	\$0.37	_____
Oil and Filter		acre	1.00	\$0.17	\$0.17	_____
Repairs and Maintenance		acre	1.00	\$5.36	\$5.36	_____
Interest on Operating Capital (6 months)		acre	\$305.24	6.00%	\$9.16	_____
Total Variable Expenses					\$314.39	_____
Fixed Expenses						
Machinery						
Depreciation		acre	1.00	\$10.07	\$10.07	_____
Interest		acre	1.00	\$13.06	\$13.06	_____
Housing and Insurance		acre	1.00	\$0.86	\$0.86	_____
Land Charge		acre	1.00	\$100.00	\$100.00	_____
Total Fixed Expenses					\$123.99	_____
Labor Expenses						
Labor (2.)		hour	1.5	\$15.00	\$22.50	_____
Total Establishment Expenses					\$460.89	_____
10% Risk of Re-establishment					\$506.97	_____

1. Fertilization rates should be determined based on soil fertilization tests. Generally, 60 lbs of nitrogen is required to get Sudangrass established. If hayed or grazed, 40-50 lbs of nitrogen should be applied following each cutting.
2. Other herbicides may also be required depending on the weeds present prior to establishment.
3. Labor expenses are \$15.00 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

2022 Delaware Pearl Millet, Conventional Tillage, Budget