

Sorghum - Dryland in Delaware (updated 1/2012)

Estimated Representative Costs

Estimated costs are based on information currently available. It is important to figure your own costs in planning crop budgets. Review the costs and pricing, but changes can only be made in the "your own costs" column.

Fertilizer

Nitrogen (N) - 50 lbs/A @ .68/lb

Phosphorus (P₂O₅) - 50 lbs/A @ \$.75/lb

Potash (K₂O) - 60 lbs/A @ \$.55/lb

Lime

One ton at \$45.00/A - prorated over 3 years

Seed

70,000 plants per acre - \$69.95 approx. cost per 50 lb bag

Interest

Interest expense on fertilizer, seed, and chemical operating loan - 5.5% for 6 months

Land Rent

[The cost of land rent is from a survey published by Delaware Department of Agriculture's NASS](http://www.nass.usda.gov/Statistics_by_State/Delaware/Publications/Agland2010release.pdf)
http://www.nass.usda.gov/Statistics_by_State/Delaware/Publications/Agland2010release.pdf

Chemicals

Standard Program:

Pre-emergence – Bicep II Magnum @ 1.8 qts/A (approx. cost \$18.56)

Post-emergence – (on ¼ of acreage) – Atrazine @ 1lb/A plus crop oil @ 1 qt/A (approx. cost \$2.14 per ¼ acre)

Pre-harvest – Defol @ 3 qts/A (approx. cost \$3.89)

Farming Practices (tillage, planting, spraying, harvesting and hauling)

[The costs of each farming practice are derived from custom farming rates published by Pennsylvania NASS](http://www.nass.usda.gov/Statistics_by_State/Pennsylvania/Publications/Machinery_Custom_Rates/custom11.pdf)
http://www.nass.usda.gov/Statistics_by_State/Pennsylvania/Publications/Machinery_Custom_Rates/custom11.pdf
[AND Maryland Cooperative Extension \(http://mdgrainmarketing.umd.edu/Documents/Custom%20Rates%202011.PDF\)](http://mdgrainmarketing.umd.edu/Documents/Custom%20Rates%202011.PDF)

Farm Overhead

Estimated allowance for fixed costs of operating a farm (which may include insurance)

Crop Insurance

Premium is calculated for 70% coverage with the RP product where available. This estimate assumes a Basic Farm Unit with an APH of 115b/AC on 100 acres. Producer's costs are based on their APH, and they should consult with their crop insurance advisor/agent for actual costs.

Contact your local County Ag Agent for additional information:

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Kent County	Phillip Sylvester	302-730-4000
Sussex County	Cory Whaley	302-856-7303