

Soybeans Irrigated Full Season Herbicide Tolerant 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

Assumes no Nitrogen

Phosphorus (P₂O₅) 55 lbs/A @ \$.75/lb

Potash (K₂O) 80 lbs/A @ \$.55/lb

Lime

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

Seed

Seeding rate 140,000 seeds/A (1 unit) Seed costs include technology fee. Seed treatment cost included (approx. cost per acre \$13.00)

Interest

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

Irrigation

Irrigation equipment costs are based on a 5 tower system making a full circle with a useful life of 20 years. Water pumping costs are variable depending on system pressure, water availability, and power source (diesel or electric).

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:

Burn down & Pre-emergence -- Roundup Powermax @ 22 oz/A plus 2,4-D Ester @ 1 qt/A (approx. cost - \$9.50); Valor XLT @ 3oz./A (approx. cost \$12.69)

Post Emergence - Roundup Powermax @ 22 oz/A (approx. cost - \$3.81)

Potential threshold pesticide application:

Fungicides - Headline or Quadris at 6 oz/A (approx. cost - \$15.57/A) – for foliage disease control (NOT included in chemical cost)

Foliar Insecticide - Brigade at 6.4 oz/A or Warrior II at 1.92 oz/A (approx. cost-\$6.86/A) –for control of insect pests that have reached threshold (NOT included in chemical cost)

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 45b/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:

New Castle County		302-831-2506
Kent County	Phillip Sylvester	302-730-4000
Sussex County	Cory Whaley	302-856-7303