

## **No-Till Double Crop Wheat & Herbicide Tolerant Soybeans** 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 in the top area, but changes can only be made in the bottom portion in “your own costs”.

### **Fertilizer**

Wheat- 100 lbs/A N at \$.68/lb, Assumes no Nitrogen on Beans

Wheat- Phosphorus (P2O5) 30 lbs/A @ \$.75/lb, Potash (K2O) 70 lbs/A @ \$.55/lb

Assumes P & K fertilizer applicatin occurs at wheat planting, but cost is split between both crops.

### **Lime**

One ton lime @ \$45.00/ton prorated over 3 years

### **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)

### **Seed**

Wheat - 1.5 mil seeds/A (2.75 units @ 10,909 seeds per pound); Soybeans - 190,000 seeds/A - Seed cost includes technology fee

### **Chemical Costs**

Standard Program: **Wheat**

Burn Down – Gramoxone Inteon @ 2.5 pts/A plus non-ionic surfactant @ 1 qt/A (approx. cost \$14.60/A)

Post-emergence - Harmony Extra SG @ 0.75 oz/A plus non-ionic surfactant @ 1 qt/A (approx. cost \$14.18/A)

*Potential threshold pesticide application:*

*Potential insecticide application* for armyworm, grass sawflies, and/or cereal leaf beetle (generally only one insecticide application needed): Baythroid XL @ 2 oz/A;

Mustang MAX @ 3.2 oz; Warrior II @ 1.92 oz (approx. cost \$6.86/A) (NOT included in chemical cost)

*Potential fungicide application:* One application of either Tilt @ 4 oz, OR Headline @ 6 oz, OR Stratego @ 10 oz, OR Quilt @ 14 oz (approx. cost \$6.09/A) (NOT

Standard Program: **Soybeans**

Burn Down – Powermax @ 22 oz/A (approx. cost \$3.81/A)

Post Emergence – Roundup Powermax @ 22 oz/A (approx. cost \$3.81), and Prefix @ 2pt/A (\$14.50)

Insecticide Application:

*Grasshopper Control* - Use one of the following: Dimethoate @ 1 pt/A; Lorsban @ 1 pt/A; Asana XL @ 5.8 oz/A; Baythroid XL @ 2.0 oz; Mustang MAX @ 4 oz/A;

*Potential Insecticide Application* for corn earworm in an outbreak year - Use one of the following: Asana XL @ 5.8 oz/A; Baythroid XL @ 2.0 oz; Mustang MAX @ 4 oz/A;

Warrior II @ 1.92 oz/A (approx. cost \$6.86/A) (NOT included in chemical cost)

*Fungicide* – Headline or Quadris at 6 oz/A (approx. cost - \$15.57/A) – for foliage disease control (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)

**Crop Insurance**

Premium is calculated for 70% coverage with the RP product where available. Producer's costs are based on their APH, and they should consult with their crop

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



