

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2019 Estimated Costs and Returns per Acre**  
**Small Grains - Ryegrass Winter Pasture**  
**East Texas Extension District - 5**

| Crop Acres                              | 100      |         |         |            |               | Enterprise |
|---|----------|---------|---------|------------|---------------|------------|
| REVENUE                                 | Quantity | Units   | \$/Unit | Total      | Total         |            |
| Total Revenue                           |          |         |         | \$0.00     | \$0.00        |            |
| VARIABLE COSTS                          | Quantity | Units   | \$/Unit | Total      | Enterprise    |            |
| <b>Production Costs</b>                 |          |         |         |            |               |            |
| Fertilizer                              |          |         |         |            |               |            |
| Nitrogen                                | 180      | Pound   | \$0.55  | \$99.00    | \$9,900.00    |            |
| Phosphate                               | 30       | Pound   | \$0.50  | \$15.00    | \$1,500.00    |            |
| Potash                                  | 60       | Pound   | \$0.30  | \$18.00    | \$1,800.00    |            |
| Seed                                    |          |         |         |            |               |            |
| Seed - Elbon Rye                        | 100      | Pound   | \$0.32  | \$32.00    | \$3,200.00    |            |
| Seed - Ryegrass                         | 25       | Pound   | \$0.90  | \$22.50    | \$2,250.00    |            |
| Machinery Labor                         |          |         |         |            |               |            |
| Tractors/Self-Propelled                 | 0.65     | Hour    | \$15.00 | \$9.75     | \$975.00      |            |
| Diesel Fuel                             |          |         |         |            |               |            |
| Tractors/Self-Propelled                 | 2.31     | Gallon  | \$2.00  | \$4.62     | \$462.00      |            |
| Gasoline                                |          |         |         |            |               |            |
| Pickup/General Use Equipment            | 1        | Acre    | \$0.95  | \$0.95     | \$95.00       |            |
| Repairs & Maintenance                   |          |         |         |            |               |            |
| Pickup/General Use Equipment            | 1        | Acre    | \$0.61  | \$0.61     | \$61.20       |            |
| Tractors/Self-Propelled                 | 1        | Acre    | \$3.15  | \$3.15     | \$315.09      |            |
| Implements                              | 1        | Acre    | \$9.43  | \$9.43     | \$942.78      |            |
| Interest on Credit Line                 |          |         | 4.75%   | \$5.49     | \$548.88      |            |
| Total Variable Costs                    |          |         |         | \$220.50   | \$22,049.95   |            |
| Planned Returns Above Variable Costs:   |          |         |         | (\$220.50) | (\$22,049.95) |            |
| Breakeven Price to Cover Variable Costs |          |         | n/a     |            |               |            |
| FIXED COSTS                             | Quantity | Units   | \$/Unit | Total      | Enterprise    |            |
| <b>Machinery Depreciation</b>           |          |         |         |            |               |            |
| Pickup/General Use Equipment            | 1        | Acre    | \$0.64  | \$0.64     | \$64.26       |            |
| Tractors/Self-Propelled                 | 1        | Acre    | \$2.60  | \$2.60     | \$260.48      |            |
| Implements                              | 1        | Acre    | \$12.03 | \$12.03    | \$1,203.34    |            |
| <b>Equipment Investment</b>             |          |         |         |            |               |            |
| Pickup/General Use Equipment            | \$4.44   | Dollars | 5.25%   | \$0.23     | \$23.29       |            |
| Tractors/Self-Propelled                 | \$20.29  | Dollars | 5.25%   | \$1.07     | \$106.53      |            |
| Implements                              | \$51.48  | Dollars | 5.25%   | \$2.70     | \$270.25      |            |
| Total Fixed Costs                       |          |         |         | \$19.28    | \$1,928.16    |            |
| Total Specified Costs                   |          |         |         | \$239.78   | \$23,978.11   |            |
| Returns Above Specified Costs           |          |         |         | (\$239.78) | (\$23,978.11) |            |
| Breakeven Price to Cover Total Costs    |          |         | n/a     |            |               |            |

| Example Breakeven Prices |               |                         |                      |
|--------------------------|---------------|-------------------------|----------------------|
| Example Yield Percent    | Example Yield | To Cover Variable Costs | To Cover Total Costs |
| 75%                      | 0.00          | \$0.00                  | \$0.00               |
| 90%                      | 0.00          | \$0.00                  | \$0.00               |
| 100%                     | 0.00          | \$0.00                  | \$0.00               |
| 110%                     | 0.00          | \$0.00                  | \$0.00               |
| 125%                     | 0.00          | \$0.00                  | \$0.00               |

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**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.**