

## 2009-11 OVER YEAR SUMMARY NORTHEAST DATA RANKED BY ECONOMIC RETURN—SYNGENTA DATA

| Variety             | ECON. RETURN <sup>2</sup> |                 | YIELD - BU/A |             |             |             | TEST Wt.    | PROT.       | HEAD. <sup>3</sup> | HT.        | LOD.       | FOLIAR DIS. | LEAF RUST  |
|---------------------|---------------------------|-----------------|--------------|-------------|-------------|-------------|-------------|-------------|--------------------|------------|------------|-------------|------------|
|                     | \$/Bu                     | Gross \$/A      | 09           | 10          | 11          | AVG         | LBS/BU      | %           | 1-9                | 1-9        | 1-9        | 1-9         | 1-9        |
| <b>SY SOREN</b>     | <b>\$7.28</b>             | <b>\$494.63</b> | <b>70.3</b>  | <b>61.6</b> | <b>50.0</b> | <b>68.0</b> | <b>60.7</b> | <b>14.5</b> | <b>4.1</b>         | <b>4.4</b> | <b>2.0</b> | <b>4.6</b>  | <b>4.0</b> |
| <b>JENNA</b>        | <b>\$6.88</b>             | <b>\$481.59</b> | <b>70.2</b>  | <b>64.2</b> | <b>54.1</b> | <b>70.0</b> | <b>60.3</b> | <b>14.1</b> | <b>7.2</b>         | <b>6.0</b> | <b>3.7</b> | <b>3.8</b>  | <b>3.6</b> |
| FALLER              | \$6.56                    | \$477.20        | 75.9         | 67.3        | 50.7        | 72.8        | 61.0        | 13.5        | 5.4                | 7.2        | 4.1        | 4.1         | 5.3        |
| BARLOW              | \$7.18                    | \$475.77        | 71.2         | 57.4        | 47.9        | 66.3        | 61.7        | 14.4        | 2.7                | 7.4        | 4.7        | 4.9         | 3.8        |
| SABIN               | \$7.37                    | \$471.60        | 67.3         | 55.0        | 49.0        | 64.0        | 60.0        | 14.6        | 6.6                | 7.2        | 6.7        | 4.8         | 5.3        |
| SAMSON              | \$6.69                    | \$459.79        | 68.5         | 63.1        | 53.7        | 68.7        | 59.8        | 13.8        | 5.1                | 4.5        | 2.2        | 5.5         | 4.6        |
| <b>BRENNAN</b>      | <b>\$7.18</b>             | <b>\$459.59</b> | <b>66.4</b>  | <b>56.6</b> | <b>48.7</b> | <b>64.0</b> | <b>60.1</b> | <b>14.4</b> | <b>3.7</b>         | <b>3.9</b> | <b>3.1</b> | <b>4.9</b>  | <b>3.0</b> |
| ALBANY              | \$6.33                    | \$456.39        | 74.9         | 63.1        | 55.4        | 72.1        | 61.0        | 13.0        | 7.7                | 6.3        | 4.5        | 4.8         | 3.2        |
| HOWARD              | \$6.88                    | \$454.20        | 70.9         | 55.9        | 49.4        | 66.0        | 62.1        | 14.1        | 4.2                | 7.3        | 5.3        | 4.3         | 4.5        |
| <b>KNUDSON</b>      | <b>\$6.69</b>             | <b>\$449.51</b> | <b>68.4</b>  | <b>60.5</b> | <b>51.7</b> | <b>67.2</b> | <b>60.9</b> | <b>13.8</b> | <b>5.0</b>         | <b>6.1</b> | <b>4.7</b> | <b>4.4</b>  | <b>2.4</b> |
| RB07                | \$6.98                    | \$449.38        | 63.3         | 62.8        | 46.9        | 64.4        | 60.3        | 14.2        | 3.5                | 6.1        | 4.2        | 6.3         | 2.4        |
| <b>KELBY</b>        | <b>\$7.57</b>             | <b>\$447.57</b> | <b>60.8</b>  | <b>53.4</b> | <b>44.2</b> | <b>59.1</b> | <b>59.7</b> | <b>14.8</b> | <b>3.1</b>         | <b>3.8</b> | <b>3.1</b> | <b>5.1</b>  | <b>2.7</b> |
| GLENN               | \$7.28                    | \$443.25        | 62.9         | 53.6        | 47.1        | 60.9        | 62.6        | 14.5        | 2.5                | 7.9        | 3.5        | 4.7         | 3.9        |
| <b>FREYR</b>        | <b>\$6.78</b>             | <b>\$433.43</b> | <b>63.1</b>  | <b>60.7</b> | <b>48.3</b> | <b>63.9</b> | <b>60.0</b> | <b>14.0</b> | <b>4.3</b>         | <b>7.0</b> | <b>3.6</b> | <b>5.0</b>  | <b>4.5</b> |
| ROLLAG <sup>1</sup> | \$7.18                    | \$433.30        | 62.2         | 52.9        | 47.2        | 60.4        | 61.9        | 14.4        | 4.7                | 5.0        | 2.2        | 4.9         | 5.3        |
| <b>KUNTZ</b>        | <b>\$6.69</b>             | <b>\$419.71</b> | <b>63.3</b>  | <b>58.0</b> | <b>47.2</b> | <b>62.7</b> | <b>59.8</b> | <b>13.8</b> | <b>4.9</b>         | <b>4.8</b> | <b>2.4</b> | <b>5.4</b>  | <b>3.4</b> |
| BRICK               | \$6.88                    | \$410.11        | 61.3         | 52.3        | 46.7        | 59.6        | 61.9        | 14.1        | 1.8                | 8.1        | 4.2        | 6.1         | 5.2        |
| SELECT              | \$6.88                    | \$405.92        | 63.3         | 49.4        | 45.0        | 59.0        | 61.2        | 14.1        | 1.8                | 7.7        | 4.5        | 7.2         | 3.6        |
| Mean General        | \$6.93                    | \$457.06        | 66.9         | 58.2        | 49.1        | 65.0        | 60.8        | 14.1        | 4.3                | 6.2        | 3.8        | 5.0         | 3.9        |
| No. of Locations    |                           |                 | 5            | 4           | 3           | 12          | 12          | 12          | 17                 | 5          | 7          | 5           | 3          |

<sup>1</sup> Not tested in 2009, data adjusted for averages

<sup>2</sup> Economic return calculated using Sept. local cash grain price of \$6.78 for 14% protein and 7 year avg. Sept. 2004-10 MGE protein premium/discounts and typical test weight discounts (Mendota Wheat & Milling Assocs.).

<sup>3</sup> Heading: 1= early; Height: 1 = short; Lodging: 1 = no lodging; Foliar disease: 1 = no disease; Leaf rust: 1 = resistant

Locations included: Crookston and Glyndon, MN; Argusville, Park River, Grafton, Maddock and Valley City, ND