FIELD EXPERIMENT HISTORY

Title: AgReliant Hybrid Corn Silage Trial

Experiment: 01PrivateSilage  Trial ID: 3102  Year: 2008
Personnel: J.G. Lauer, K.D. Kohn and T.H. Diallo
Location: Arlington, WI  County: Columbia
Supported By: AgReliant Genetics, LLC

Site Information
Field: ARS407  Previous Crop: Soybean  Soil Type: Plano Silt Loam
Soil Test: Date: 11/4/08  pH: 6.1  OM (%): 2.9  P (ppm): 41  K (ppm): 110

Plot Management
Tillage Operations: Fall Chisel  Field Cultivator  Soil Finisher  Cultivate
Fertilizer: Preplant  Analysis: 46-0-0  Rate: 138  Date: N/A
Starter  Rate: 10-34-0  Date: 5/9/08
Post plant  Rate: 46-0-0  Date: 6/17/08
Manure: N/A

Herbicide: Dual II Mag 24 oz/A
Hornet 4 oz/A
Accent 0.33 oz/A
Manure: N/A
Insecticide: Force 3G 4.4 lb/A

Irrigation: None

Planting Date: 5/9/08  Planting Depth: 1.5"  Row Width: 30"
Target Plant Density: 32000 plants per acre  Planting Method: Kinze Plot Planter
Harvest Date: 9/18/08  Harvest Method: New Holland 707 Plot Chopper
Notes: Planted adjacent to public silage trial

Experimental Design
Design: RCB  Replications: 3
Plot Size Seeded: 25' x 5'  Experiment Size: 0.27 A
Harvest Plot Size: 23' x 2.5'  Harvest Plant Density: 31900 plants per acre

Factors/Treatments:
Hybrid
S510  S823
S709  S824
S817  S825
S818  S826
S822

Results: Table C-05.
Table C-05.  AgReliant Hybrid Corn Silage Evaluation Study.  

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Yield</th>
<th>Moisture</th>
<th>CP</th>
<th>ADF</th>
<th>NDF</th>
<th>IVD</th>
<th>NDFD</th>
<th>Starch</th>
<th>Milk Per</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>T/A</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>Ton</td>
</tr>
<tr>
<td>AgReliant S510</td>
<td>7.9</td>
<td>68.5</td>
<td>7.6</td>
<td>24.8</td>
<td>46.3</td>
<td>77.9</td>
<td>52.4</td>
<td>30.4</td>
<td>3008</td>
</tr>
<tr>
<td>AgReliant S709</td>
<td>9.3</td>
<td>69.9</td>
<td>7.7</td>
<td>25.5</td>
<td>47.9</td>
<td>78.2</td>
<td>54.4</td>
<td>28.6</td>
<td>3005</td>
</tr>
<tr>
<td>AgReliant S817</td>
<td>9.7</td>
<td>66.7</td>
<td>7.1</td>
<td>23.9</td>
<td>44.6</td>
<td>79.7</td>
<td>54.4</td>
<td>31.3</td>
<td>3122</td>
</tr>
<tr>
<td>AgReliant S818</td>
<td>11.3</td>
<td>66.2</td>
<td>6.6</td>
<td>25.8</td>
<td>47.0</td>
<td>77.0</td>
<td>51.0</td>
<td>32.0</td>
<td>2951</td>
</tr>
<tr>
<td>AgReliant S822</td>
<td>10.2</td>
<td>71.8</td>
<td>7.6</td>
<td>27.7</td>
<td>49.5</td>
<td>77.2</td>
<td>53.9</td>
<td>26.9</td>
<td>2934</td>
</tr>
<tr>
<td>AgReliant S823</td>
<td>10.0</td>
<td>72.0</td>
<td>7.6</td>
<td>26.5</td>
<td>48.6</td>
<td>77.9</td>
<td>54.5</td>
<td>27.5</td>
<td>2982</td>
</tr>
<tr>
<td>AgReliant S824</td>
<td>9.5</td>
<td>69.6</td>
<td>7.8</td>
<td>25.5</td>
<td>47.6</td>
<td>76.9</td>
<td>51.5</td>
<td>28.4</td>
<td>2938</td>
</tr>
<tr>
<td>AgReliant S825</td>
<td>10.5</td>
<td>68.8</td>
<td>7.4</td>
<td>25.2</td>
<td>47.1</td>
<td>79.0</td>
<td>55.5</td>
<td>27.4</td>
<td>3058</td>
</tr>
<tr>
<td>AgReliant S826</td>
<td>10.0</td>
<td>67.8</td>
<td>7.3</td>
<td>25.8</td>
<td>47.8</td>
<td>78.5</td>
<td>55.1</td>
<td>29.6</td>
<td>3025</td>
</tr>
<tr>
<td>Mean</td>
<td>9.8</td>
<td>69.0</td>
<td>7.4</td>
<td>25.6</td>
<td>47.4</td>
<td>78.0</td>
<td>53.6</td>
<td>29.1</td>
<td>3003</td>
</tr>
</tbody>
</table>

**Probability (%)**

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Probability (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11.8 0.1 0.2 49.3 65.6 47.8 3.4 39.3 58.0 31.4</td>
</tr>
</tbody>
</table>

**LSD (0.10)**

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>LSD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.9 0.4 NS NS NS 2.4 NS NS NS</td>
</tr>
</tbody>
</table>

Mean Dry Matter and Milk Per Ton and Acre.
FIELD EXPERIMENT HISTORY

Title: AgReliant Hybrid Corn Silage Trial
Experiment: 01PrivateSilage  Trial ID: 3104  Year: 2008
Personnel: J.G. Lauer, K.D. Kohn and T.H. Diallo
Location: Lancaster, WI  County: Grant
Supported By: AgReliant Genetics, LLC

Site Information
Field:  Previous Crop: Soybean  Soil Type: Fayette Silt Loam
Soil Test:  Date: 10/20/08  pH: 7.4  OM (%): 2.0  P (ppm): 26  K (ppm): 78

Plot Management
Tillage Operations: Field Cultivator  Cultivate
Fertilizer:
Preplant  Analysis: 46-0-0  Rate: 160  Date: N/A
Starter  Analysis: 10-34-0  Rate: 3.0 gal/A  Date: 5/15/08
Post plant  Analysis: N/A  Rate: N/A  Date: N/A
Manure: N/A
Herbicide: Dual II 2.0 pt/A
Accent 0.67 oz/A
Callisto 6.0 oz/A
Aatrex 4L 0.7 qt./A
Insecticide: Force 3G 4.4 lbs/A
Irrigation: None
Planting Date: 5/15/08  Planting Depth: 1.5"  Row Width: 30"
Target Plant Density: 32000 plants per acre
Harvest Date: 9/15/08  Harvest Method: New Holland 707 Plot Chopper
Notes: Planted adjacent to public silage trial

Experimental Design
Design: RCB  Replications: 3
Plot Size Seeded: 25' x 5'  Experiment Size: 0.27 A
Harvest Plot Size: 23' x 2.5'  Harvest Plant Density: 30900 plants per acre
Factors/Treatments:
Hybrid
S510  S823
S709  S824
S817  S825
S818  S826
S822

Results: Table C-06.
### Table C-06. AgReliant Hybrid Corn Silage Evaluation Study.  
Lancaster, WI - 2008.

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Yield T/A</th>
<th>Moisture %</th>
<th>CP %</th>
<th>ADF %</th>
<th>NDF %</th>
<th>IVD %</th>
<th>NDFD %</th>
<th>Starch %</th>
<th>Milk Per</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AgReliant S510</td>
<td>8.1</td>
<td>66.5</td>
<td>6.8</td>
<td>24.2</td>
<td>45.6</td>
<td>79.5</td>
<td>55.0</td>
<td>34.3</td>
<td>3110</td>
</tr>
<tr>
<td>AgReliant S709</td>
<td>8.5</td>
<td>70.7</td>
<td>6.5</td>
<td>25.5</td>
<td>48.5</td>
<td>78.0</td>
<td>54.5</td>
<td>31.4</td>
<td>2998</td>
</tr>
<tr>
<td>AgReliant S817</td>
<td>9.4</td>
<td>66.3</td>
<td>6.9</td>
<td>24.2</td>
<td>45.4</td>
<td>78.5</td>
<td>52.6</td>
<td>33.3</td>
<td>3057</td>
</tr>
<tr>
<td>AgReliant S818</td>
<td>9.8</td>
<td>65.7</td>
<td>6.6</td>
<td>24.6</td>
<td>46.0</td>
<td>79.0</td>
<td>54.3</td>
<td>32.2</td>
<td>3080</td>
</tr>
<tr>
<td>AgReliant S822</td>
<td>8.3</td>
<td>72.9</td>
<td>6.3</td>
<td>27.7</td>
<td>50.6</td>
<td>76.7</td>
<td>54.1</td>
<td>29.8</td>
<td>2911</td>
</tr>
<tr>
<td>AgReliant S823</td>
<td>9.2</td>
<td>72.3</td>
<td>6.8</td>
<td>27.6</td>
<td>51.0</td>
<td>77.2</td>
<td>55.3</td>
<td>27.4</td>
<td>2930</td>
</tr>
<tr>
<td>AgReliant S824</td>
<td>8.0</td>
<td>71.1</td>
<td>6.7</td>
<td>27.8</td>
<td>51.7</td>
<td>75.9</td>
<td>53.3</td>
<td>27.6</td>
<td>2854</td>
</tr>
<tr>
<td>AgReliant S825</td>
<td>9.8</td>
<td>66.2</td>
<td>6.9</td>
<td>25.1</td>
<td>46.5</td>
<td>79.0</td>
<td>54.9</td>
<td>32.2</td>
<td>3077</td>
</tr>
<tr>
<td>AgReliant S826</td>
<td>9.9</td>
<td>68.8</td>
<td>7.2</td>
<td>24.7</td>
<td>46.1</td>
<td>79.1</td>
<td>54.7</td>
<td>32.3</td>
<td>3085</td>
</tr>
<tr>
<td>Mean</td>
<td>9.0</td>
<td>68.9</td>
<td>6.7</td>
<td>25.7</td>
<td>47.9</td>
<td>78.1</td>
<td>54.3</td>
<td>31.2</td>
<td>3011</td>
</tr>
</tbody>
</table>

**Probability (%)**

| Hybrid | 2.7  | 0.0  | 56.9 | 0.3  | 0.1  | 0.6  | 65.8  | 9.7  | 0.2  | 1.3  |

**LSD (0.10)**

| Hybrid | 1.1  | 2.1  | NS   | 1.7  | 2.6  | 1.5  | NS    | 4.1  | 98   | 3682 |
FIELD EXPERIMENT HISTORY

Title: AgReliant Hybrid Corn Silage Trial
Experiment: 01PrivateSilage  Trial ID: 3107  Year: 2008
Personnel: J.G. Lauer, K.D. Kohn and T.H. Diallo
Location: Fond du Lac, WI  County: Fond du Lac
Supported By: AgReliant Genetics, LLC

Site Information
Field:  Previous Crop: Soybean  Soil Type: Virgil Silt Loam
Soil Test: Date: 10/23/08  pH: 6.7  OM (%): 4.6  P (ppm): 17  K (ppm): 95

Plot Management
Tillage Operations: Fall Chisel  Field Cultivator  Cultivate
Fertilizer:
- Preplant: N/A
- Starter: 10-34-0  3.0 gal/A  5/8/08
- Post plant: 28-0-0  120
- Manure: N/A  N/A
Herbicide: Cinch 0.8 oz/A  Atrazine 0.5 oz/A  Accent Gold 3.5 oz/A  Callisto 1.5 oz/A
Insecticide: None
Irrigation: None
Planting Date: 5/8/08  Planting Depth: 1.5"  Row Width: 30"
Target Plant Density: 32000 plants per acre
Harvest Date: 9/23/08  Harvest Method: New Holland 707 Plot Chopper
Notes: Planted adjacent to public silage trial

Experimental Design
Design: RCB  Replications: 3
Plot Size Seeded: 25' x 5'  Experiment Size: 0.24 A
Harvest Plot Size: 23' x 2.5'  Harvest Plant Density: 32600 plants per acre
Factors/Treatments:
- Hybrid
  - S510
  - S707
  - S814
  - S815
  - S816
  - S819
  - S820
  - S821

Results: Table C-07.
Table C-07.  AgReliant Hybrid Corn Silage Evaluation Study.  
Fond du Lac, WI - 2008.

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Dry Matter</th>
<th>Milk Per</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yield</td>
<td>Moisture</td>
</tr>
<tr>
<td></td>
<td>T/A</td>
<td>%</td>
</tr>
<tr>
<td>AgReliant S510</td>
<td>8.4</td>
<td>60.2</td>
</tr>
<tr>
<td>AgReliant S707</td>
<td>6.6</td>
<td>62.2</td>
</tr>
<tr>
<td>AgReliant S814</td>
<td>8.4</td>
<td>57.6</td>
</tr>
<tr>
<td>AgReliant S815</td>
<td>8.6</td>
<td>58.2</td>
</tr>
<tr>
<td>AgReliant S816</td>
<td>7.7</td>
<td>51.2</td>
</tr>
<tr>
<td>AgReliant S819</td>
<td>9.7</td>
<td>58.4</td>
</tr>
<tr>
<td>AgReliant S820</td>
<td>8.6</td>
<td>60.7</td>
</tr>
<tr>
<td>AgReliant S821</td>
<td>8.6</td>
<td>62.7</td>
</tr>
<tr>
<td>Mean</td>
<td>8.3</td>
<td>58.9</td>
</tr>
<tr>
<td>Probability (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid</td>
<td>2.1</td>
<td>0.1</td>
</tr>
<tr>
<td>LSD (0.10)</td>
<td>1.2</td>
<td>3.3</td>
</tr>
</tbody>
</table>

Mean: 8.3, 58.9, 5.6, 23.2, 44.4, 79.2, 53.1, 34.3
FIELD EXPERIMENT HISTORY

Title: AgReliant Hybrid Corn Silage Trial

Experiment: 01PrivateSilage  Trial ID: 3105  Year: 2008

Personnel: J.G. Lauer, K.D. Kohn and T.H. Diallo

Location: Galesville, WI  County: Trempealeau

Supported By: AgReliant Genetics, LLC

---

Site Information

Field:  Previous Crop: Soybean  Soil Type: Downs Silt Loam
Soil Test:  Date: 10/21/08  pH: 6.1  OM (%): 3.6  P (ppm): 22  K (ppm): 140

---

Tillage Operations: Fall Zone  Cultivate

Tillage Management:

Fertilizer:

- Preplant: N/A
- Starter: 10-34-0  Rate: 3.0 gal/A  Date: 5/12/08
- Post plant: 28-0-0  Rate: 120
- Manure: N/A

Herbicide: Cinch 2.0 pt/A  Callisto 3.0 oz/A

Irrigation: None

Planting Date: 5/12/08  Planting Depth: 1.5"  Row Width: 30"

Target Plant Density: 32000  plants per acre

Harvest Date: 9/17/08  Harvest Method: New Holland 707 Plot Chopper

Notes: Planted adjacent to public silage trial

---

Experimental Design

Design: RCB  Replications: 3

Plot Size Seeded: 25' x 5'  Experiment Size: 0.24 A

Harvest Plot Size: 23' x 2.5'  Harvest Plant Density: 29300  plants per acre

Factors/Treatments:

- Hybrid
  - S510
  - S707
  - S814
  - S815
  - S816
  - S819
  - S820
  - S821

---

Results: Table C-08.
### Table C-08. AgReliant Hybrid Corn Silage Evaluation Study.
Galesville, WI - 2008.

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Dry Matter</th>
<th>Milk Per</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yield</td>
<td>Moisture</td>
</tr>
<tr>
<td></td>
<td>T/A</td>
<td>%</td>
</tr>
<tr>
<td>AgReliant S510</td>
<td>6.9</td>
<td>72.0</td>
</tr>
<tr>
<td>AgReliant S707</td>
<td>6.4</td>
<td>70.2</td>
</tr>
<tr>
<td>AgReliant S814</td>
<td>8.0</td>
<td>68.0</td>
</tr>
<tr>
<td>AgReliant S815</td>
<td>8.9</td>
<td>69.5</td>
</tr>
<tr>
<td>AgReliant S816</td>
<td>8.3</td>
<td>64.4</td>
</tr>
<tr>
<td>AgReliant S819</td>
<td>9.5</td>
<td>67.5</td>
</tr>
<tr>
<td>AgReliant S820</td>
<td>8.8</td>
<td>69.8</td>
</tr>
<tr>
<td>AgReliant S821</td>
<td>8.0</td>
<td>71.8</td>
</tr>
<tr>
<td><strong>Mean</strong></td>
<td>8.1</td>
<td>69.1</td>
</tr>
</tbody>
</table>

**Probability (%)**

| Hybrid | 1.7 | 0.4 | 3.2 | 11.6 | 24.4 | 6.6 | 6.3 | 0.4 | 4.1 | 1.8 |

**LSD (0.10)**

| Hybrid | 1.3 | 2.7 | 0.6 | NS  | NS  | 1.9 | 2.4 | 4.2 | 128 | 4592 |
FIELD EXPERIMENT HISTORY

Title: AgReliant Hybrid Corn Silage Trial  
Trial ID: 3101  
Year: 2008

Experiment: 01PrivateSilage

Personnel: J.G. Lauer, K.D. Kohn and T.H. Diallo

Location: Chippewa Falls, WI  
County: Chippewa

Supported By: AgReliant Genetics, LLC

Site Information

Field:  
Previous Crop: Soybean  
Soil Type: Sattre Silt Loam

Soil Test: Date: 10/21/08  
PH: 6.5  
OM (%): 2.2  
P (ppm): 23  
K (ppm): 162

Plot Management

Tillage Operations:  
Field Cultivator  
Cultivate

Fertilizer:  
Analysis  
Rate  
Date
Preplant  
N/A  
N/A  
N/A
Starter  
10-34-0  
3.0 gal/A  
5/7/08
Post plant  
28-0-0  
150  
N/A
Manure:  
N/A  
N/A  
N/A

Herbicide:  
Harness 1.6 pt/A  
Insecticide: None

Hornet 3.0 oz/A

Irrigation: None

Planting Date: 5/7/08  
Planting Depth: 1.5"  
Row Width: 30"

Target Plant Density: 32000 plants per acre

Harvest Date: 9/16/08  
Harvest Method: New Holland 707 Plot Chopper

Notes: Planted adjacent to public silage trial

Experimental Design

Design: RCB  
Replications: 3

Plot Size Seeded: 25' x 5'  
Experiment Size: 0.14 A

Harvest Plot Size: 23' x 2.5'  
Harvest Plant Density: 30635 plants per acre

Factors/Treatments:

Hybrid
S603
S811
S812
S813

Results: Table C-09.
Table C-09.  AgReliant Hybrid Corn Silage Evaluation Study.
Chippewa Falls, WI - 2008.

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Dry Matter</th>
<th>Milk Per</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yield</td>
<td>Moisture</td>
<td>CP</td>
<td>ADF</td>
<td>NDF</td>
<td>IVD</td>
<td>NDFD</td>
<td>Starch</td>
<td>Ton</td>
<td>Acre</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T/A</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>lbs/T</td>
<td>lbs/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AgReliant S603</td>
<td>6.5</td>
<td>69.7</td>
<td>6.0</td>
<td>24.5</td>
<td>46.4</td>
<td>79.1</td>
<td>54.9</td>
<td>31.5</td>
<td>3126</td>
<td>20190</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AgReliant S811</td>
<td>6.3</td>
<td>67.2</td>
<td>6.1</td>
<td>23.5</td>
<td>46.0</td>
<td>81.3</td>
<td>59.4</td>
<td>30.7</td>
<td>3248</td>
<td>20579</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AgReliant S812</td>
<td>7.9</td>
<td>68.7</td>
<td>6.2</td>
<td>23.2</td>
<td>46.8</td>
<td>81.8</td>
<td>61.1</td>
<td>29.5</td>
<td>3271</td>
<td>25898</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AgReliant S813</td>
<td>6.9</td>
<td>68.5</td>
<td>6.4</td>
<td>26.1</td>
<td>49.1</td>
<td>78.8</td>
<td>56.6</td>
<td>27.4</td>
<td>3081</td>
<td>21443</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mean</td>
<td>6.9</td>
<td>68.5</td>
<td>6.2</td>
<td>24.3</td>
<td>47.1</td>
<td>80.2</td>
<td>58.0</td>
<td>29.8</td>
<td>3181</td>
<td>22028</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Probability (%)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrid</td>
<td>53.6</td>
<td>51.6</td>
<td>82.1</td>
<td>50.4</td>
<td>76.2</td>
<td>12.4</td>
<td>11.3</td>
<td>76.1</td>
<td>20.7</td>
<td>54.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LSD (0.10)</strong></td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td>NS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


# Field Experiment History

**Title:** AgReliant Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage  
**Trial ID:** 3106  
**Year:** 2008  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Marshfield, WI  
**County:** Wood  
**Supported By:** AgReliant Genetics, LLC

## Site Information

- **Field:** C-10.  
- **Previous Crop:** Soybean  
- **Soil Type:** Loyal Silt Loam  
- **Soil Test:**  
  - **Date:** 10/30/08  
  - **pH:** 6.4  
  - **OM (%):** 3.3  
  - **P (ppm):** 75  
  - **K (ppm):** 220

## Plot Management

- **Tillage Operations:** Fall Chisel  
- **Field Cultivator**  
- **Cultivate**  
- **Fertilizer:**  
  - **Preplant:** N/A  
  - **Starter:** 10-34-0, 3.0 gal/A, 5/19/08  
  - **Post plant:** 28-0-0, 76, 7/1/08  
  - **Manure:** N/A  
- **Herbicide:** G-MaxLite 2.33 pt/A, Hornet 2.4 oz/A, Atrazine 1.0 qt/A  
- **Insecticide:** None  
- **Irrigation:** None  
- **Planting Date:** 5/19/08  
- **Planting Depth:** 1.5"  
- **Row Width:** 30"  
- **Target Plant Density:** 32000 plants per acre  
- **Planting Method:** Kinze Plot Planter  
- **Harvest Date:** 9/26/08  
- **Harvest Method:** New Holland 707 Plot Chopper  
- **Notes:** Planted adjacent to public silage trial

## Experimental Design

- **Design:** RCB  
- **Replications:** 3  
- **Plot Size Seeded:** 25' x 5'  
- **Experiment Size:** 0.14 A  
- **Harvest Plot Size:** 23' x 2.5'  
- **Harvest Plant Density:** 30200 plants per acre  
- **Factors/Treatments:**  
  - **Hybrid:** S603, S811, S812, S813

## Results

Table C-10.
## Table C-10. AgReliant Hybrid Corn Silage Evaluation Study.
### Marshfield, WI - 2008.

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Dry Matter</th>
<th>Milk Per</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yield T/A</td>
<td>Moisture %</td>
</tr>
<tr>
<td>AgReliant S603</td>
<td>6.3</td>
<td>63.7</td>
</tr>
<tr>
<td>AgReliant S811</td>
<td>6.5</td>
<td>63.1</td>
</tr>
<tr>
<td>AgReliant S812</td>
<td>6.8</td>
<td>63.9</td>
</tr>
<tr>
<td>AgReliant S813</td>
<td>6.4</td>
<td>64.5</td>
</tr>
<tr>
<td><strong>Mean</strong></td>
<td>6.5</td>
<td>63.8</td>
</tr>
</tbody>
</table>

### Probability (%)

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Probability (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AgReliant S603</td>
</tr>
<tr>
<td></td>
<td>AgReliant S811</td>
</tr>
<tr>
<td></td>
<td>AgReliant S812</td>
</tr>
<tr>
<td></td>
<td>AgReliant S813</td>
</tr>
<tr>
<td><strong>Mean</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Hybrid</strong></td>
<td>Probability (%)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LSD (0.10)</strong></td>
<td><strong>Hybrid</strong></td>
</tr>
<tr>
<td></td>
<td>Probability (%)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LSD (0.10)</strong></td>
</tr>
<tr>
<td><strong>Hybrid</strong></td>
<td>Probability (%)</td>
</tr>
</tbody>
</table>
FIELD EXPERIMENT HISTORY

Title: AgReliant Hybrid Corn Silage Trial
Experiment: 01PrivateSilage Trial ID: 3103 Year: 2008
Personnel: J.G. Lauer, K.D. Kohn and T.H. Diallo
Location: Valders, WI County: Manitowoc
Supported By: AgReliant Genetics, LLC

Site Information
Field: Previous Crop: Corn Soil Type: Kewaunee Clay Loam
Soil Test: Date: 9/25/08 pH: 6.7 OM (%): 2.9 P (ppm): 41 K (ppm): 100

Plot Management
Tillage Operations: Fall Chisel Field Cultivator Cultivate
Fertilizer: Preplant N/A Starter N/A Post plant 34-0-0 Manure: Dairy
Analysis Rate Date
Preplant N/A N/A
Starter 10-34-0 3.0 gal/A 5/13/08
Post plant 34-0-0 150 6/26/08
Manure: Dairy 10 ton
Herbicide: Callisto 2.0 oz/A
Harness Xtra 1.5 pt/A
Atrazine 0.5 lb/A
Steadfast 0.5 oz/A
Insecticide: Force 3G 4.4 lb/A
Irrigation: None
Planting Date: 5/13/08 Planting Depth: 1.5" Row Width: 30"
Target Plant Density: 32000 plants per acre Planting Method: Kinze Plot Planter
Harvest Date: 9/25/08 Harvest Method: New Holland 707 Plot Chopper
Notes: Planted adjacent to public silage trial

Experimental Design
Design: RCB Replications: 3
Plot Size Seeded: 25' x 5' Experiment Size: 0.14 A
Harvest Plot Size: 23' x 2.5' Harvest Plant Density: 30980 plants per acre
Factors/Treatments:
- Hybrid
  - S603
  - S811
  - S812
  - S813

Results: Table C-11.
Table C-11. AgReliant Hybrid Corn Silage Evaluation Study.
Valders, WI - 2008.

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Dry Matter</th>
<th>Milk Per</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yield</td>
<td>Moisture</td>
</tr>
<tr>
<td></td>
<td>T/A</td>
<td>%</td>
</tr>
<tr>
<td>AgReliant S603</td>
<td>8.4</td>
<td>52.2</td>
</tr>
<tr>
<td>AgReliant S811</td>
<td>9.3</td>
<td>52.0</td>
</tr>
<tr>
<td>AgReliant S812</td>
<td>9.7</td>
<td>52.9</td>
</tr>
<tr>
<td>AgReliant S813</td>
<td>8.4</td>
<td>48.0</td>
</tr>
<tr>
<td>Mean</td>
<td>9.0</td>
<td>51.3</td>
</tr>
</tbody>
</table>

**Probability (%)**

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>%</td>
</tr>
<tr>
<td>Hybrid</td>
<td>13.2</td>
</tr>
<tr>
<td></td>
<td>39.6</td>
</tr>
<tr>
<td></td>
<td>37.4</td>
</tr>
<tr>
<td></td>
<td>44.6</td>
</tr>
<tr>
<td></td>
<td>42.4</td>
</tr>
<tr>
<td></td>
<td>36.5</td>
</tr>
<tr>
<td></td>
<td>70.4</td>
</tr>
<tr>
<td></td>
<td>20.0</td>
</tr>
<tr>
<td></td>
<td>34.8</td>
</tr>
<tr>
<td></td>
<td>16.9</td>
</tr>
</tbody>
</table>

**LSD (0.10)**

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
<th>NS</th>
</tr>
</thead>
</table>