

## FIELD EXPERIMENT HISTORY

**Title:** BASF Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage **Trial ID:** 3302 **Year:** 2010  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Arlington, WI **County:** Columbia  
**Supported By:** BASF Plant Science

### Site Information

**Field:** **Previous Crop:** Alfalfa **Soil Type:** Plano Silt Loam  
**Soil Test:** **Date:** 10/21/10 **pH:** 6.2 **OM (%)** 3.9 **P (ppm)** 65 **K (ppm)** 129

### Plot Management

**Tillage Operations:** Fall Chisel Field Cultivator 2X N/A  
**Fertilizer:**

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
<b>Preplant</b>	N/A	N/A	N/A
<b>Starter</b>	10-34-0	3.0 gal/A	4 /30/10
<b>Post plant</b>	N/A	N/A	N/A
<b>Manure:</b>	N/A	N/A	N/A

**Herbicide:** Dual II Mag 24 oz/A Insecticide: Force 3G 4.4 lb/A  
 Hornet 4 oz/A

**Irrigation:** None

**Planting Date:** 4/30/10 **Planting Depth:** 1.5" **Row Width:** 30"  
**Target Plant Density:** 32000 plants per acre **Planting Method:** Almaco Precision Planter  
**Harvest Date:** 9/31/10 **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:** 0.45 A  
**Harvest Plot Size:** 23' x 2.5' **Harvest Plant Density:** 32575 plants per acre

#### Hybrids:

4681019 901038  
 4681021 902672  
 5034381 902997  
 887140 903626  
 889643 903629  
 889867 905821  
 899868 905823

**Results: Table C-15.**

**Table C-15. BASF Hybrid Corn Silage Evaluation Study.  
Arlington, WI - 2010.**

Hybrid	Dry Matter								Milk Per	
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 4681019	8.4	73.5	8.5	30.8	55.0	78.3	60.9	22.3	2925	24783
BASF 4681021	10.8	72.0	8.0	27.4	49.0	77.2	53.4	27.5	2935	31559
BASF 5034381	9.8	69.5	8.2	27.0	48.3	78.4	55.3	28.9	3008	29565
BASF 887140	8.3	75.4	8.1	29.9	52.1	75.4	52.7	26.1	2803	23425
BASF 889643	10.0	74.1	7.6	28.2	50.7	76.6	53.8	26.6	2889	28861
BASF 889867	9.2	73.4	8.5	29.2	51.7	75.7	52.9	25.9	2824	26101
BASF 899868	10.5	74.0	8.1	27.5	48.9	76.4	51.8	28.7	2896	30571
BASF 901038	10.3	65.1	8.4	23.0	43.3	80.7	55.4	34.1	3187	32917
BASF 902672	8.7	70.4	7.5	25.2	46.2	78.4	53.2	32.2	3034	26465
BASF 902997	7.0	66.5	8.3	27.8	51.2	80.6	62.1	26.0	3090	21784
BASF 903626	9.8	68.3	7.6	26.4	48.4	76.8	52.1	30.2	2925	28713
BASF 903629	10.3	70.3	7.1	26.4	47.3	77.9	53.3	31.6	2996	30977
BASF 905821	10.4	71.0	8.3	26.4	47.9	77.7	53.5	29.0	2978	30921
BASF 905823	10.4	71.6	8.0	25.3	46.0	77.9	52.0	31.6	3008	31333
Mean	9.6	71.1	8.0	27.2	49.0	77.7	54.5	28.6	2964	28427
<b>Probability (%)</b>										
Hybrid	0.5	0.1	0.0	5.4	3.5	12.6	0.0	6.2	23.4	5.2
<b>LSD (0.10)</b>										
Hybrid	1.5	3.7	0.4	3.4	4.8	NS	2.7	5.4	NS	5661

## FIELD EXPERIMENT HISTORY

**Title:** BASF Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage **Trial ID:** 3303 **Year:** 2010  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Lancaster, WI **County:** Grant  
**Supported By:** BASF Plant Science

### Site Information

**Field:** **Previous Crop:** Soybeans **Soil Type:** Fayette Silt Loam  
**Soil Test:** **Date:** 10/04/10 **pH:** 7.3 **OM (%)** 1.9 **P (ppm)** 31 **K (ppm)** 78

### Plot Management

**Tillage Operations:** Fall Chisel                      Fall Chisel                      Cultivate  
**Fertilizer:**

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
<b>Preplant</b>	46-0-0	150	N/A
<b>Starter</b>	10-34-0	3.0 gal/A	4 /21/10
<b>Post plant</b>	N/A	N/A	N/A
<b>Manure:</b>	N/A	N/A	N/A

**Herbicide:** Lumax 3 qt/A **Insecticide:** Force 3G 4.4 b/A  
**Irrigation:** None

**Planting Date:** 4/21/10 **Planting Depth:** 1.5" **Row Width:** 30"  
**Target Plant Density:** 32000 plants per acre **Planting Method:** Almaco Precision Planter  
**Harvest Date:** 9/7/10 **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:** 0.15 A  
**Harvest Plot Size:** 23' x 2.5' **Harvest Plant Density:** 28787 plants per acre

#### Hybrids:

4681019 901038  
 4681021 902672  
 5034381 902997  
 887140 903626  
 889643 903629  
 889867 905821  
 899868 905823

**Results: Table C-16.**

**Table C-16. BASF Hybrid Corn Silage Evaluation Study.  
Lancaster, WI - 2010.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 4681019	8.0	66.5	7.0	29.1	53.6	77.1	57.2	24.4	2856	22766
BASF 4681021	10.5	66.3	7.3	24.8	45.6	78.6	53.1	31.8	3033	32024
BASF 5034381	8.2	67.1	8.2	26.7	48.6	77.2	53.3	26.3	2922	23938
BASF 887140	6.2	68.2	7.5	26.8	48.2	76.2	50.6	29.3	2870	17904
BASF 889643	9.0	69.0	7.5	27.5	49.3	75.5	50.2	27.8	2820	25496
BASF 889867	8.3	64.5	7.5	26.7	48.9	77.9	54.9	28.5	2957	24696
BASF 899868	11.5	67.7	7.5	24.7	44.9	79.2	53.7	30.7	3074	35252
BASF 901038	8.4	62.8	7.9	26.2	47.9	76.8	51.6	28.9	2904	24462
BASF 902672	8.8	65.7	6.9	25.0	46.5	76.2	48.8	33.0	2892	25323
BASF 902997	8.1	59.6	7.7	24.8	47.1	80.2	58.0	30.6	3101	25057
BASF 903626	10.1	62.3	6.5	27.3	48.5	77.1	52.8	27.1	2922	29940
BASF 903629	8.7	66.6	7.0	26.8	47.7	75.9	49.6	30.1	2866	24895
BASF 905821	10.1	64.7	7.7	24.9	45.9	77.7	51.6	32.1	2982	30356
BASF 905823	11.0	67.6	7.2	25.2	45.5	78.0	51.8	32.1	3004	33189
Mean	9.1	65.6	7.4	26.2	47.7	77.4	52.7	29.5	2943	26807
<b>Probability (%)</b>										
Hybrid	0.1	22.8	1.1	61.6	41.5	44.7	0.0	38.1	62.9	0.7
<b>LSD (0.10)</b>										
Hybrid	1.7	NS	0.6	NS	NS	NS	2.9	NS	NS	6484.9

## FIELD EXPERIMENT HISTORY

**Title:** BASF Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage **Trial ID:** 3304 **Year:** 2010  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Fond du Lac, WI **County:** Fond du Lac  
**Supported By:** BASF Plant Science

### Site Information

**Field:** **Previous Crop:** Soybeans **Soil Type:** Virgil Silt Loam  
**Soil Test:** **Date:** 10/21/10 **pH:** 7.1 **OM (%)** 3.7 **P (ppm)** 27 **K (ppm)** 99

### Plot Management

**Tillage Operations:** Fall Chisel      Field Cultivator      Cultivated  
**Fertilizer:**

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
<b>Preplant</b>	N/A	N/A	N/A
<b>Starter</b>	10-34-0	3.0 gal/A	5 /3 /10
<b>Post plant</b>	46-0-0	140	N/A
<b>Manure:</b>	N/A	N/A	N/A

**Herbicide:** Lumax 3 qt/A      **Insecticide:** None  
**Irrigation:** None

**Planting Date:** 5/3/10      **Planting Depth:** 1.5"      **Row Width:** 30"  
**Target Plant Density:** 32000 plants per acre      **Planting Method:** Almaco Precision Planter  
**Harvest Date:** 8/30/10      **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:** 0.12 A  
**Harvest Plot Size:** 23' x 2.5'      **Harvest Plant Density:** 31300 plants per acre

#### Hybrids:

4681019 901038  
 4681021 902672  
 5034381 902997  
 887140 903626  
 889643 903629  
 889867 905821  
 899868 905823

**Results: Table C-17.**

**Table C-17. BASF Hybrid Corn Silage Evaluation Study.  
Fond du Lac, WI - 2010.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 4681019	7.8	71.7	5.9	32.1	56.6	79.2	63.3	19.1	2976	23329
BASF 4681021	8.3	67.6	5.8	28.1	49.6	76.7	53.0	28.1	2924	24190
BASF 5034381	7.9	69.2	6.7	27.2	48.0	77.9	53.8	28.7	3000	23786
BASF 887140	7.4	68.4	5.8	28.8	50.4	77.0	54.4	27.7	2934	21662
BASF 889643	8.5	75.0	7.3	30.1	52.9	73.5	49.9	24.4	2713	23045
BASF 889867	8.1	70.4	6.2	31.2	54.2	74.6	53.2	22.7	2763	22429
BASF 899868	9.5	70.5	5.8	29.0	51.0	76.8	54.6	25.5	2916	27632
BASF 901038	8.9	66.7	6.6	28.2	50.0	76.1	52.2	28.1	2886	25617
BASF 902672	7.5	71.3	6.9	28.7	50.4	76.2	52.7	27.6	2883	21720
BASF 902997	7.6	67.5	6.9	27.2	49.8	81.4	62.6	27.6	3168	23930
BASF 903626	8.5	67.5	6.4	26.3	47.1	77.9	53.2	30.8	3016	25766
BASF 903629	8.1	70.9	6.8	28.6	51.0	77.2	55.3	26.6	2932	23643
BASF 905821	8.8	65.7	5.5	28.5	50.0	76.9	53.9	26.3	2933	25924
BASF 905823	9.6	70.4	6.9	28.6	51.3	75.4	52.1	25.3	2835	27163
Mean	8.3	69.5	6.4	28.7	50.9	76.9	54.6	26.3	2920	24274
<b>Probability (%)</b>										
Hybrid	5.3	0.8	0.6	2.4	0.3	0.0	0.0	0.4	0.1	30.5
<b>LSD (0.10)</b>										
Hybrid	1.1	3.4	0.8	2.4	3.1	1.9	2.2	3.8	130	NS

## FIELD EXPERIMENT HISTORY

**Title:** BASF Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage **Trial ID:** 3305 **Year:** 2010  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Galesville, WI **County:** Trempealeau  
**Supported By:** BASF Plant Science

### Site Information

**Field:** **Previous Crop:** Soybean **Soil Type:** Downs Silt Loam  
**Soil Test:** **Date:** 10/6 /10 **pH:** 5.9 **OM (%)** 3.8 **P (ppm)** 25 **K (ppm)** 152

### Plot Management

**Tillage Operations:** Fall Zone Builder

<b>Fertilizer:</b>	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
<b>Preplant</b>	28-0-0	25 g/A	N/A
	21-0-0-24	63 lb/A	
<b>Starter</b>	10-34-0	3.0 gal/A	4 /27/10
<b>Post plant</b>	N/A	N/A	N/A
<b>Manure:</b>	N/A	N/A	N/A

**Herbicide:** Callisto 3.0 oz/A  
 Harness 2.5 pt/A **Insecticide:** None

**Irrigation:** None

**Planting Date:** 4/27/10 **Planting Depth:** 1.5" **Row Width** 30"

**Target Plant Density:** 32000 plants per acre **Planting Method:** Almaco Precision Planter

**Harvest Date:** 9/17/10 **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:** 0.11 A  
**Harvest Plot Size:** 23' x 2.5' **Harvest Plant Density:** 32500 plants per acre

#### **Factors/Treatments:**

##### Hybrids:

4681019	901038
4681021	902672
5034381	902997
887140	903626
889643	903629
889867	905821
899868	905823

**Results: Table C-18.**

**Table C-18. BASF Hybrid Corn Silage Evaluation Study.  
Galesville, WI - 2010.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 4681019	6.8	68.6	7.1	31.2	56.9	75.8	57.5	16.8	2696	18381
BASF 4681021	8.7	72.9	7.8	29.3	51.8	73.8	49.5	25.0	2716	23685
BASF 5034381	9.0	68.7	8.2	24.6	45.5	78.6	53.0	31.8	3042	27464
BASF 887140	7.4	71.9	8.0	29.4	51.7	74.8	51.5	24.6	2772	20650
BASF 889643	9.2	70.9	7.4	27.3	49.8	77.1	54.0	23.7	2917	27043
BASF 889867	7.3	70.4	8.0	26.3	48.8	77.3	53.4	29.3	2934	21419
BASF 899868	8.3	70.5	7.3	27.4	48.4	75.4	49.3	26.7	2840	23698
BASF 901038	6.5	67.9	8.0	26.3	47.9	76.5	50.8	29.6	2899	18989
BASF 902672	9.8	67.5	7.0	24.5	45.4	77.8	51.2	31.8	3006	29563
BASF 902997	7.1	64.4	7.8	23.4	46.1	82.5	61.8	28.9	3248	23163
BASF 903626	9.8	66.5	7.3	27.5	49.5	76.7	52.9	28.6	2897	28274
BASF 903629	9.2	66.9	6.5	26.1	47.9	77.8	53.5	30.9	2976	27345
BASF 905821	8.5	69.6	8.1	26.7	49.0	76.1	51.3	28.5	2868	24474
BASF 905823	9.6	72.8	7.7	28.5	51.0	74.6	50.1	24.3	2766	26766
Mean	8.4	69.3	7.6	27.0	49.3	76.8	52.8	27.2	2898	24351
<b>Probability (%)</b>										
Hybrid	63.0	0.2	0.8	0.2	0.3	0.0	0.0	0.3	0.0	62.4
<b>LSD (0.10)</b>										
Hybrid	NS	3.2	0.7	2.7	3.9	2.0	2.3	5.2	157	NS



## FIELD EXPERIMENT HISTORY

**Title:** BASF Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage **Trial ID:** 3306 **Year:** 2010  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Chippewa Falls, WI **County:** Chippewa  
**Supported By:** BASF Plant Science

### Site Information

**Field:** **Previous Crop:** Soybean **Soil Type:** Sattre Silt Loam  
**Soil Test:** **Date:** 10/21/10 **pH:** 6.9 **OM (%)** 2.8 **P (ppm)** 19 **K (ppm)** 76

### Plot Management

**Tillage Operations:** N/A **Field Cultivator** Cultivated  
**Fertilizer:**

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
<b>Preplant</b>	28-0-0	120 lbs/A	N/A
<b>Starter</b>	10-34-0	3.0 gal/A	4 /27/10
<b>Post plant</b>	N/A	N/A	N/A
<b>Manure:</b>	N/A	N/A	N/A

**Herbicide:** Hornet 3.0 oz/A **Insecticide:** None  
 Outlook 14 oz/A

**Irrigation:** None

**Planting Date:** 4/27/10 **Planting Depth:** 1.5" **Row Width:** 30"  
**Target Plant Density:** 32000 plants per acre **Planting Method:** Almaco Precision Planter  
**Harvest Date:** 9/1/10 **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:** 0.06 A  
**Harvest Plot Size:** 23' x 2.5' **Harvest Plant Density:** 32300 plants per acre

#### Hybrids:

4681017  
 902687  
 902698  
 903046  
 905818

**Results: Table C-19.**

**Table C-19. BASF Hybrid Corn Silage Evaluation Study.  
Chippewa Falls, WI - 2010.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 4681017	7.6	64.5	6.4	25.0	45.9	79.1	54.5	32.8	3097	23389
BASF 902687	9.1	65.6	6.5	26.4	48.7	77.6	54.1	29.1	2986	27083
BASF 902698	7.0	70.3	5.9	28.0	50.1	76.0	52.1	26.0	2885	20358
BASF 903046	4.8	64.9	7.0	23.1	43.7	83.4	62.0	32.7	3350	15969
BASF 905818	8.6	67.6	6.4	26.1	46.6	77.5	51.6	31.1	2999	25685
Mean	7.4	66.6	6.4	25.7	47.0	78.7	54.9	30.3	3063	22497
<b>Probability (%)</b>										
Hybrid	0.2	35.3	1.2	5.1	7.1	0.1	0.0	8.7	0.2	1.8
<b>LSD (0.10)</b>										
Hybrid	1.3	NS	0.4	2.5	3.6	1.9	2.1	4.3	137	4700

## FIELD EXPERIMENT HISTORY

**Title:** BASF Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage **Trial ID:** 3307 **Year:** 2010  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Marshfield, WI **County:** Wood  
**Supported By:** BASF Plant Science

### Site Information

**Field:** **Previous Crop:** Corn **Soil Type:** Withee Silt Loam  
**Soil Test:** **Date:** 10/21/10 **pH:** 6.7 **OM (%)** 3.3 **P (ppm)** 30 **K (ppm)** 104

### Plot Management

**Tillage Operations:** Chisel Plow Field Cultivator 2X Cultivated  
**Fertilizer:**

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
<b>Preplant</b>	28-0-0	80 lbs/A	N/A
<b>Starter</b>	10-34-0	3.0 gal/A	4 /28/10
<b>Post plant</b>	N/A	N/A	N/A
<b>Manure:</b>	Dairy	22.5	N/A

**Herbicide:** G-Max Lite 2.33 pt/A  
 Hornet 2.4 oz/A **Insecticide:** Force 3G 4.4 bs/A

**Irrigation:** None

**Planting Date:** 4/28/10 **Planting Depth:** 1.5" **Row Width:** 30"

**Target Plant Density:** 32000 plants per acre **Planting Method:** Almaco Precision Planter

**Harvest Date:** 9/15/10 **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:** 0.06 A  
**Harvest Plot Size:** 23' x 2.5' **Harvest Plant Density:** 30300 plants per acre

#### Hybrids:

4681017  
 902687  
 902698  
 903046  
 905818

**Results: Table C-20.**

**Table C-20. BASF Hybrid Corn Silage Evaluation Study.  
Marshfield, WI - 2010.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 4681017	7.0	68.2	6.1	23.7	43.8	80.9	56.5	34.4	3229	22537
BASF 902687	6.3	74.3	6.3	26.9	48.5	79.2	57.0	27.1	3085	19446
BASF 902698	7.5	72.4	5.7	27.5	49.5	76.7	52.9	27.0	2945	22105
BASF 903046	5.3	70.2	6.1	23.7	44.5	82.3	60.3	31.7	3300	17538
BASF 905818	8.0	71.8	6.5	25.5	45.7	78.7	53.4	30.6	3085	24748
Mean	6.8	71.4	6.1	25.5	46.4	79.6	56.0	30.2	3129	21275
<b>Probability (%)</b>										
Hybrid	2.6	3.6	40.9	4.8	5.3	0.5	0.2	2.7	0.8	9.2
<b>LSD (0.10)</b>										
Hybrid	1.2	2.9	NS	2.4	3.4	2.1	2.6	3.9	141	4328

## FIELD EXPERIMENT HISTORY

**Title:** BASF Hybrid Corn Silage Trial  
**Experiment:** 01PrivateSilage **Trial ID:** 3308 **Year:** 2010  
**Personnel:** J.G. Lauer, K.D. Kohn and T.H. Diallo  
**Location:** Valders, WI **County:** Manitowoc  
**Supported By:** BASF Plant Science

### Site Information

**Field:** **Previous Crop:** Alfalfa **Soil Type:** Kewaunee Clay Loam  
**Soil Test:** **Date:** 10/21/10 **pH:** 7.3 **OM (%)** 2.5 **P (ppm)** 32 **K (ppm)** 115

### Plot Management

**Tillage Operations:** Chisel Plow      Field Cultivator      Cultivated

<b>Fertilizer:</b>	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
<b>Preplant</b>	N/A	N/A	N/A
<b>Starter</b>	10-34-0	3.0 gal/A	5 /4 /10
<b>Post plant</b>	46-0-0	92 lbs/A	6 /21/10
<b>Manure:</b>	Dairy	9000 gal/A	N/A

**Herbicide:** SureStart 1.2pt/A  
 Steadfast 0.5 oz/A  
 Laudis 2.0oz/A

**Insecticide:** Force 3G 4.4 bs/A

**Irrigation:** None

**Planting Date:** 5/4/10      **Planting Depth:** 1.5"      **Row Width:** 30"

**Target Plant Density:** 32000 plants per acre      **Planting Method:** Almaco Precision Planter

**Harvest Date:** 9/8/10      **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:** 0.06 A

**Harvest Plot Size:** 23' x 2.5'      **Harvest Plant Density:** 33100 plants per acre

**Hybrids:**  
 4681017  
 902687  
 902698  
 903046  
 905818

**Results: Table C-21.**

**Table C-21. BASF Hybrid Corn Silage Evaluation Study.  
Valders, WI - 2010.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 4681017	7.2	50.1	6.2	18.0	36.6	83.7	55.5	43.0	3462	24814
BASF 902687	6.9	60.4	5.7	20.5	39.1	84.2	59.5	39.8	3469	23832
BASF 902698	7.4	52.9	6.1	21.2	41.1	81.0	53.7	35.4	3273	24225
BASF 903046	4.8	49.1	6.0	21.0	41.1	84.3	61.8	36.9	3459	16741
BASF 905818	7.5	58.4	5.9	21.4	40.4	82.4	56.5	38.0	3359	25088
Mean	6.7	54.2	6.0	20.4	39.7	83.1	57.4	38.6	3404	22940
<b>Probability (%)</b>										
Hybrid	1.6	24.5	80.9	18.5	20.7	6.1	3.2	10.4	7.1	2.4
<b>LSD (0.10)</b>										
Hybrid	1.2	NS	NS	NS	NS	1.9	4.1	NS	125	4069