

FIELD EXPERIMENT HISTORY

Title: BASF Hybrid Corn Silage Trial
Experiment: 01PrivateSilage **Trial ID:** 3113 **Year:** 2008
Personnel: J.G. Lauer, K.D. Kohn and T.H. Diallo
Location: Arlington, WI **County:** Columbia
Supported By: BASF Plant Science

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:	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
Preplant	46-0-0	138	N/A
Starter	10-34-0	3.0 gal/A	5 /9 /08
Post plant	46-0-0	50	6 /17/08
Manure:		N/A	N/A

Herbicide: Dual II Mag 24 oz/A
 Hornet 4 oz/A
 Accent 0.33 oz/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

873816	887140
874658	888418
874767	888773
875980	889839
875995	889844
876009	889845
887139	

Results: Table C-12.

**Table C-12. BASF Hybrid Corn Silage Evaluation Study.
Arlington, WI - 2008.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 873816	9.8	70.4	7.7	25.0	46.6	78.3	53.4	29.9	3044	29990
BASF 874658	10.6	70.3	7.4	28.1	51.4	76.8	55.1	24.3	2918	30917
BASF 874767	10.4	72.7	8.1	25.5	47.7	78.3	54.6	26.3	3034	31423
BASF 875980	12.6	70.9	7.5	27.9	51.5	76.5	54.3	21.9	2888	36206
BASF 875995	10.4	67.5	7.1	23.8	44.1	78.8	52.1	33.0	3101	32297
BASF 876009	9.2	75.4	8.3	25.9	49.4	82.7	64.9	22.4	3237	29930
BASF 887139	10.1	68.4	7.9	24.6	46.2	79.5	55.7	29.1	3116	31678
BASF 887140	10.2	68.5	7.7	23.9	44.9	79.1	53.6	31.6	3106	31824
BASF 888418	11.2	69.0	6.9	23.9	44.7	78.2	51.2	32.2	3061	34308
BASF 888773	8.9	75.1	8.6	25.9	50.1	81.0	62.2	22.2	3151	28035
BASF 889839	10.4	70.6	8.0	23.6	44.6	80.4	56.3	28.8	3182	33203
BASF 889844	9.6	74.7	8.5	27.1	49.4	76.4	52.3	25.9	2910	28055
BASF 889845	11.4	69.2	7.7	24.5	46.3	79.1	54.9	27.2	3092	35387
Mean	10.4	71.0	7.8	25.4	47.5	78.9	55.4	27.3	3065	31789
<u>Probability (%)</u>										
Hybrid	0.6	0.0	0.0	4.4	0.6	0.2	0.0	0.0	1.2	12.8
<u>LSD (0.10)</u>										
Hybrid	1.3	2.9	0.6	2.5	3.6	2.2	2.5	3.4	150	NS

FIELD EXPERIMENT HISTORY

Title: BASF Hybrid Corn Silage Trial
Experiment: 01PrivateSilage **Trial ID:** 3111 **Year:** 2008
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:** 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:

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
Preplant	46-0-0	160	N/A
Starter	10-34-0	3.0 gal/A	5 /15/08
Post plant	N/A	N/A	N/A
Manure:		N/A	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 **Planting Method:** Kinze Plot Planter

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

873816	887140
874658	888418
874767	888773
875980	889839
875995	889844
876009	889845
887139	

Results: Table C-13.

**Table C-13. BASF Hybrid Corn Silage Evaluation Study.
Lancaster, - WI 2008.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 873816	8.8	71.8	7.5	26.3	49.3	77.1	53.6	27.3	2959	26029
BASF 874658	10.5	66.6	6.7	26.0	48.5	78.0	54.7	31.0	3017	31680
BASF 874767	10.0	72.3	7.2	27.8	52.1	76.4	54.7	25.1	2893	29070
BASF 875980	10.9	69.4	6.9	26.9	50.8	77.3	55.4	24.3	2956	32154
BASF 875995	10.2	67.6	6.7	24.8	47.0	78.3	53.7	32.9	3047	31076
BASF 876009	9.4	70.6	7.1	24.2	46.5	82.9	63.5	29.3	3302	31226
BASF 887139	10.6	68.0	7.0	25.3	48.3	77.9	54.3	30.3	3013	32056
BASF 887140	9.5	69.4	7.6	26.3	49.0	77.7	54.7	28.9	2995	28665
BASF 888418	10.1	69.5	6.7	26.5	48.8	77.5	53.9	27.9	2987	30259
BASF 888773	8.4	73.9	7.1	26.3	51.8	80.3	62.0	23.7	3101	25959
BASF 889839	9.8	69.2	7.0	24.4	46.3	79.4	55.5	29.1	3112	30399
BASF 889844	8.9	73.2	7.5	26.4	48.8	78.1	55.1	28.4	3016	26782
BASF 889845	9.9	69.9	6.5	25.7	48.6	77.4	53.6	28.6	2986	29584
Mean	9.8	70.1	7.0	25.9	48.9	78.3	55.7	28.2	3030	29610
<u>Probability (%)</u>										
Hybrid	0.3	0.1	14.0	48.7	25.2	3.1	0.0	2.0	8.6	10.7
<u>LSD (0.10)</u>										
Hybrid	0.9	2.5	NS	NS	NS	2.6	3.1	3.9	176	NS

FIELD EXPERIMENT HISTORY

Title: BASF Hybrid Corn Silage Trial
Experiment: 01PrivateSilage **Trial ID:** 3108 **Year:** 2008
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:** 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:	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
Preplant	N/A	N/A	N/A
Starter	10-34-0	3.0 gal/A	5 /8 /08
Post plant	28-0-0	120	N/A
Manure:		N/A	N/A

Herbicide: Cinch 0.8 oz/A **Insecticide:** None
 Atrazine 0.5 oz/A
 Accent Gold 3.5 oz/A
 Callisto 1.5 oz/A

Irrigation: None

Planting Date: 5/8/08 **Planting Depth:** 1.5" **Row Width:** 30"

Target Plant Density: 32000 plants per acre **Planting Method:** Kinze Plot Planter

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

873816	887140
874658	888418
874767	888773
875980	889839
875995	889844
876009	889845
887139	

Results: Table C-14.

**Table C-14. BASF Hybrid Corn Silage Evaluation Study.
Fond du Lac, WI - 2008.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 873816	9.4	66.5	5.6	25.9	48.5	76.8	52.1	28.8	2944	27865
BASF 874658	10.4	62.7	5.2	26.0	48.8	78.9	56.8	29.2	3056	31811
BASF 874767	9.3	67.6	4.9	27.2	50.9	76.7	54.2	25.1	2913	27228
BASF 875980	9.7	66.2	4.9	27.9	51.6	77.7	56.7	24.3	2959	28696
BASF 875995	9.9	62.5	5.3	22.8	43.4	79.4	52.5	33.7	3136	31029
BASF 876009	8.8	67.9	5.4	25.5	48.5	81.4	61.6	27.4	3192	27991
BASF 887139	9.3	66.2	5.0	27.3	50.5	76.4	53.3	26.1	2905	26978
BASF 887140	9.9	63.0	5.3	23.2	43.9	79.0	52.3	33.7	3113	30859
BASF 888418	9.5	65.4	5.1	26.0	48.4	76.5	51.4	28.6	2930	27721
BASF 888773	8.4	69.7	5.6	25.8	49.8	80.5	60.8	26.1	3127	26142
BASF 889839	8.8	66.6	4.9	25.8	47.4	77.9	53.4	28.5	3017	26497
BASF 889844	8.9	68.9	5.1	27.6	50.1	75.9	51.8	27.0	2877	25585
BASF 889845	9.0	65.3	4.7	26.4	49.4	76.8	53.0	27.1	2937	26554
Mean	9.3	66.0	5.1	25.9	48.6	78.0	54.6	28.1	3008	28073
<u>Probability (%)</u>										
Hybrid	61.2	0.2	14.0	12.4	10.4	0.2	0.0	7.6	1.8	63.9
<u>LSD (0.10)</u>										
Hybrid	NS	2.7	NS	NS	NS	2.1	2.2	5.0	155	NS

FIELD EXPERIMENT HISTORY

Title: BASF Hybrid Corn Silage Trial
Experiment: 01PrivateSilage **Trial ID:** 3110 **Year:** 2008
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:** 10/21/08 **pH:** 6.1 **OM (%)** 3.6 **P (ppm)** 22 **K (ppm)** 140

Plot Management

Tillage Operations: Fall Zone Cultivate
Fertilizer:

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

Herbicide: Cinch 2.0 pt/A **Insecticide:** None
 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 **Planting Method:** Kinze Plot Planter
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

873816	887140
874658	888418
874767	888773
875980	889839
875995	889844
876009	889845
887139	

Results: Table C-15.

**Table C-15. BASF Hybrid Corn Silage Evaluation Study.
Galesville, WI - 2008.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 873816	9.6	72.5	7.6	27.3	51.2	76.5	54.1	24.7	2894	27962
BASF 874658	9.5	70.4	7.5	28.0	51.7	76.7	55.0	22.7	2901	27447
BASF 874767	9.6	74.8	6.9	30.5	56.5	74.8	55.5	16.2	2718	26012
BASF 875980	10.6	70.8	7.1	27.2	51.6	77.1	55.6	23.9	2926	31098
BASF 875995	8.8	72.5	7.5	27.4	50.3	75.5	51.4	25.9	2851	25189
BASF 876009	7.6	78.1	7.9	28.9	55.3	79.3	62.6	17.8	2991	22716
BASF 887139	8.8	74.0	8.0	27.8	51.9	75.9	53.5	23.6	2853	25149
BASF 887140	9.0	71.2	7.4	25.1	47.3	78.6	54.9	27.2	3051	27599
BASF 888418	8.0	72.7	7.1	27.3	50.1	75.3	50.7	25.6	2844	22784
BASF 888773	7.9	76.6	7.7	27.8	52.9	81.2	64.6	16.9	3020	24101
BASF 889839	8.9	72.8	7.2	28.6	52.3	75.9	54.0	21.2	2813	24922
BASF 889844	8.2	74.2	7.6	28.8	52.0	74.2	50.4	22.9	2763	22834
BASF 889845	8.7	73.5	7.3	29.6	54.3	73.9	52.0	20.3	2722	23686
Mean	8.9	73.4	7.4	28.0	52.1	76.5	54.9	22.2	2873	25500
<u>Probability (%)</u>										
Hybrid	33.5	0.0	4.0	5.2	0.5	0.0	0.0	0.0	1.1	54.5
<u>LSD (0.10)</u>										
Hybrid	NS	1.9	0.5	2.2	3.1	2.2	2.6	3.7	151	NS

FIELD EXPERIMENT HISTORY

Title: BASF Hybrid Corn Silage Trial
Experiment: 01PrivateSilage **Trial ID:** 3114 **Year:** 2008
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:** 10/21/08 **pH:** 6.5 **OM (%)** 2.2 **P (ppm)** 23 **K (ppm)** 162

Plot Management

Tillage Operations: Field Cultivator Cultivate
Fertilizer:

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
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

Herbicide: Harness 1.6 pt/A
 Hornet 3.0 oz/A **Insecticide:** None

Irrigation: None

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

Target Plant Density: 32000 plants per acre **Planting Method:** Kinze Plot Planter

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

554724	887139
873815	887140
873816	888782
874657	889839
875995	889844

Results: Table C-16.

**Table C-16. BASF Hybrid Corn Silage Evaluation Study.
Chippewa Falls, WI - 2008.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 554724	6.2	70.0	6.8	25.3	48.1	79.0	56.3	26.3	3073	19132
BASF 873815	7.7	69.3	6.7	27.0	51.2	76.5	54.0	23.2	2907	22365
BASF 873816	8.0	72.8	6.3	28.1	51.8	75.8	53.2	23.8	2865	23058
BASF 874657	6.9	74.3	6.8	25.5	50.5	83.0	66.2	20.7	3162	21900
BASF 875995	8.1	71.5	6.4	26.9	50.7	76.3	53.3	24.8	2905	23579
BASF 887139	7.9	72.9	5.8	28.4	53.1	76.5	55.7	20.4	2890	22868
BASF 887140	8.7	71.0	6.0	26.2	49.4	77.4	54.1	25.6	2976	25759
BASF 888782	8.6	70.0	6.0	26.6	49.0	77.8	54.6	27.6	3003	25893
BASF 889839	7.8	71.8	5.4	26.9	51.6	76.5	54.5	22.3	2858	22242
BASF 889844	7.8	73.9	7.0	28.9	53.0	76.3	55.3	20.3	2859	22375
Mean	7.8	71.8	6.3	27.0	50.8	77.5	55.7	23.5	2950	22917
<u>Probability (%)</u>										
Hybrid	1.0	0.2	12.3	12.5	28.7	0.0	0.0	6.4	1.2	15.5
<u>LSD (0.10)</u>										
Hybrid	1.0	1.9	NS	NS	NS	1.8	2.3	4.2	137	NS

FIELD EXPERIMENT HISTORY

Title: BASF Hybrid Corn Silage Trial
Experiment: 01PrivateSilage **Trial ID:** 3109 **Year:** 2008
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:** 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:

	<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
Preplant	N/A	N/A	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	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

554724	887139
873815	887140
873816	888782
874657	889839
875995	889844

Results: Table C-17.

**Table C-17. BASF Hybrid Corn Silage Evaluation Study.
Marshfield, WI - 2008.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 554724	4.9	69.1	7.5	25.1	49.0	79.7	58.6	22.1	3135	15348
BASF 873815	5.9	71.0	7.1	27.4	52.3	79.2	60.2	14.5	2722	16131
BASF 873816	6.1	73.0	6.6	28.5	53.6	77.7	58.5	14.6	2706	16625
BASF 874657	5.3	71.2	7.1	24.5	51.5	85.4	71.7	18.3	3280	17505
BASF 875995	5.9	70.3	6.8	25.9	49.3	79.2	57.8	21.4	3036	18015
BASF 887139	6.1	72.8	7.0	27.0	51.9	80.6	62.6	15.6	2847	17240
BASF 887140	6.0	71.8	7.2	27.2	51.8	79.6	60.7	16.7	2888	17245
BASF 888782	6.3	66.5	6.6	25.6	48.9	79.6	58.3	24.9	3161	20062
BASF 889839	6.4	69.8	7.1	24.6	47.4	81.1	60.1	22.1	3076	19558
BASF 889844	5.8	74.5	6.8	29.3	55.1	78.3	60.7	14.9	2872	16713
Mean	5.9	71.0	7.0	26.5	51.1	80.0	60.9	18.5	2972	17444
<u>Probability (%)</u>										
Hybrid	5.3	0.1	3.3	5.2	3.9	0.1	0.0	0.4	0.1	28.3
<u>LSD (0.10)</u>										
Hybrid	0.7	2.4	0.4	2.6	3.6	2.2	3.5	4.6	196	NS

FIELD EXPERIMENT HISTORY

Title: BASF Hybrid Corn Silage Trial
Experiment: 01PrivateSilage **Trial ID:** 3112 **Year:** 2008
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:** 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:		<u>Analysis</u>	<u>Rate</u>	<u>Date</u>
Preplant		N/A	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

554724	887139
873815	887140
873816	888782
874657	889839
875995	889844

Results: Table C-18.

**Table C-18. BASF Hybrid Corn Silage Evaluation Study.
Valders, WI - 2008.**

Hybrid	Dry Matter							Milk Per		
	Yield	Moisture	CP	ADF	NDF	IVD	NDFD	Starch	Ton	Acre
	T/A	%	%	%	%	%	%	%	lbs/T	lbs/A
BASF 554724	7.3	58.0	7.5	23.5	45.7	78.9	53.8	29.2	3074	22353
BASF 873815	7.2	65.5	7.7	26.0	50.1	77.5	55.0	22.2	2868	20799
BASF 873816	9.7	66.1	7.8	24.7	46.6	78.2	53.4	26.9	3029	29372
BASF 874657	8.6	60.0	7.6	22.1	44.8	82.4	60.7	30.3	3276	28146
BASF 875995	9.5	64.8	7.0	24.4	45.4	78.4	52.6	31.0	3054	28889
BASF 887139	9.7	66.5	8.0	25.7	48.4	77.8	54.1	26.1	2983	29045
BASF 887140	8.8	61.6	8.0	24.4	46.4	77.6	51.7	28.8	2994	26306
BASF 888782	10.5	62.1	7.1	23.8	45.2	79.8	55.4	31.5	3132	33047
BASF 889839	8.8	63.4	7.7	24.2	46.3	78.4	53.5	28.8	3044	26764
BASF 889844	9.1	69.9	7.8	26.0	48.6	77.5	53.5	27.0	2965	26833
Mean	8.9	63.8	7.6	24.5	46.8	78.6	54.4	28.2	3042	27155
<u>Probability (%)</u>										
Hybrid	0.0	0.0	31.5	25.8	35.4	12.8	2.6	16.1	12.3	0.0
<u>LSD (0.10)</u>										
Hybrid	0.8	2.6	NS	NS	NS	NS	3.6	NS	NS	3030