



HiDF Corn Silage Performance Summary - 2017



DAIRYLAND SEED

Hybrid	Plots	Moisture	Yield Performance			Grain Metrics		Fiber Digestibility			Overall Performance	
			Wet Tons	Tons @ 70%	Dry Tons	Starch	Starch Dig	NDFd30	TTNDFd	uNDF240	Milk/Acre	Milk/Ton
HiDF-3188-6	6	54.17	15.18	17.58	6.96	41.18	63.78	59.13	45.90	6.54	23,708	3,425
HiDF-3290-9	8	50.52	15.77	18.73	7.69	41.51	63.78	56.03	41.51	8.91	25,368	3,301
HiDF-3197RA	21	59.45	21.08	23.17	8.42	37.17	66.02	57.13	43.91	8.83	28,183	3,358
HiDF-3099RA	22	61.65	22.89	24.67	8.65	37.93	67.10	57.40	43.73	8.47	30,202	3,489
HiDF-3700RA	3	61.96	17.50	18.92	6.67	34.78	68.86	57.89	46.37	8.73	22,794	3,406
HiDF-3702-9	22	62.35	22.86	24.55	8.55	37.37	66.37	57.98	45.72	7.82	30,112	3,501
HiDF-3103RA	4	64.56	23.12	24.46	8.27	32.44	67.17	55.22	44.10	10.77	27,555	3,296
HiDF-3605RA	43	62.04	24.95	26.78	9.32	36.00	65.67	54.21	41.92	9.80	31,786	3,405
HiDF-3407RA	46	62.97	25.14	26.71	9.11	36.27	67.36	56.29	43.62	8.99	31,057	3,402
HiDF-3808RA	46	64.09	26.50	27.87	9.31	33.41	66.18	55.14	43.11	10.08	30,888	3,313
HiDF-3510SSX	23	65.44	26.72	27.78	9.08	32.94	66.74	53.79	42.35	10.94	29,156	3,234
HiDF 3211SSX	36	65.69	27.62	28.75	9.41	35.05	68.11	57.27	43.92	9.09	32,692	3,450
HiDF 3413-9	9	66.00	27.16	28.17	9.16	32.56	65.86	56.09	43.39	10.47	30,273	3,304
HiDF-3915SSX	25	66.39	27.66	28.52	9.15	29.67	65.50	54.48	43.93	11.44	29,315	3,155
Weighted Average		63.01	24.86	26.38	8.98	35.22	66.48	55.92	43.47	9.50	30,292	3,367
Total Plots	314											

AVERAGE OF ALL PLOTS ENTERED

BETTER THAN PLOT AVERAGES





HiDF Corn Silage Summary - 2017



DAIRYLAND SEED

HiDF-3188 Family		
6 Plots		
Average Difference From Plot Averages		
Moisture	-5.53	Tons
Wet Tons	-3.19	Tons
Tons @ 70%	-2.57	Tons
Dry Tons	-0.32	Tons
Starch	4.45	%DM
Starch Dig	-2.02	%Starch
NDFd30	1.02	%NDF
TTNDFd	0.52	%NDF
uNDF240	-2.01	%NDF
Milk/Acre	-772.68	LBS
Milk/Ton	51.42	LBS

HiDF-3290 Family		
8 Plots		
Average Difference From Plot Averages		
Moisture	-9.29	Tons
Wet Tons	-4.37	Tons
Tons @ 70%	-4.24	Tons
Dry Tons	-0.28	Tons
Starch	4.66	%DM
Starch Dig	-2.35	%Starch
NDFd30	-1.70	%NDF
TTNDFd	-3.28	%NDF
uNDF240	0.22	%NDF
Milk/Acre	-1549.99	LBS
Milk/Ton	-85.45	LBS

HiDF-3197 Family		
21 Plots		
Average Difference From Plot Averages		
Moisture	-2.18	Tons
Wet Tons	-2.26	Tons
Tons @ 70%	-1.93	Tons
Dry Tons	-0.34	Tons
Starch	0.48	%DM
Starch Dig	-0.52	%Starch
NDFd30	-0.13	%NDF
TTNDFd	-0.82	%NDF
uNDF240	0.18	%NDF
Milk/Acre	-1805.98	LBS
Milk/Ton	-57.73	LBS

HiDF-3099 Family		
22 Plots		
Average Difference From Plot Averages		
Moisture	0.20	Tons
Wet Tons	-0.60	Tons
Tons @ 70%	-0.61	Tons
Dry Tons	-0.19	Tons
Starch	1.16	%DM
Starch Dig	0.39	%Starch
NDFd30	0.20	%NDF
TTNDFd	-0.75	%NDF
uNDF240	-0.31	%NDF
Milk/Acre	-98.32	LBS
Milk/Ton	68.98	LBS

HiDF-3702 Family		
22 Plots		
Average Difference From Plot Averages		
Moisture	0.59	Tons
Wet Tons	-1.71	Tons
Tons @ 70%	-1.81	Tons
Dry Tons	-0.61	Tons
Starch	0.61	%DM
Starch Dig	0.32	%Starch
NDFd30	0.94	%NDF
TTNDFd	1.22	%NDF
uNDF240	-1.09	%NDF
Milk/Acre	-1410.32	LBS
Milk/Ton	68.01	LBS

HiDF-3605 Family		
43 Plots		
Average Difference From Plot Averages		
Moisture	-0.40	Tons
Wet Tons	-0.14	Tons
Tons @ 70%	-0.01	Tons
Dry Tons	0.10	Tons
Starch	-0.13	%DM
Starch Dig	-0.80	%Starch
NDFd30	-2.49	%NDF
TTNDFd	-2.10	%NDF
uNDF240	0.77	%NDF
Milk/Acre	161.37	LBS
Milk/Ton	-20.69	LBS

HiDF-3407 Family		
46 Plots		
Average Difference From Plot Averages		
Moisture	-0.15	Tons
Wet Tons	-0.21	Tons
Tons @ 70%	-0.19	Tons
Dry Tons	-0.04	Tons
Starch	0.69	%DM
Starch Dig	0.53	%Starch
NDFd30	-0.58	%NDF
TTNDFd	-0.18	%NDF
uNDF240	-0.22	%NDF
Milk/Acre	-125.11	LBS
Milk/Ton	2.91	LBS

HiDF-3808 Family		
46 Plots		
Average Difference From Plot Averages		
Moisture	1.15	Tons
Wet Tons	1.56	Tons
Tons @ 70%	1.35	Tons
Dry Tons	0.25	Tons
Starch	-2.00	%DM
Starch Dig	-0.52	%Starch
NDFd30	-1.63	%NDF
TTNDFd	-1.11	%NDF
uNDF240	0.97	%NDF
Milk/Acre	90.30	LBS
Milk/Ton	-78.24	LBS

HiDF-3510 Family		
23 Plots		
Average Difference From Plot Averages		
Moisture	0.82	Tons
Wet Tons	1.68	Tons
Tons @ 70%	1.61	Tons
Dry Tons	0.43	Tons
Starch	-1.31	%DM
Starch Dig	0.76	%Starch
NDFd30	-1.18	%NDF
TTNDFd	-0.13	%NDF
uNDF240	0.67	%NDF
Milk/Acre	373.26	LBS
Milk/Ton	-82.45	LBS

HiDF-3211 Family		
36 Plots		
Average Difference From Plot Averages		
Moisture	2.17	Tons
Wet Tons	2.08	Tons
Tons @ 70%	1.71	Tons
Dry Tons	0.25	Tons
Starch	-0.25	%DM
Starch Dig	1.24	%Starch
NDFd30	0.30	%NDF
TTNDFd	0.06	%NDF
uNDF240	-0.09	%NDF
Milk/Acre	1504.68	LBS
Milk/Ton	54.71	LBS

HiDF-3413 Family		
9 Plots		
Average Difference From Plot Averages		
Moisture	2.67	Tons
Wet Tons	3.06	Tons
Tons @ 70%	2.63	Tons
Dry Tons	0.49	Tons
Starch	-2.64	%DM
Starch Dig	0.22	%Starch
NDFd30	0.20	%NDF
TTNDFd	0.08	%NDF
uNDF240	0.95	%NDF
Milk/Acre	1228.84	LBS
Milk/Ton	-34.10	LBS

HiDF-3915 Family		
25 Plots		
Average Difference From Plot Averages		
Moisture	2.09	Tons
Wet Tons	2.43	Tons
Tons @ 70%	2.07	Tons
Dry Tons	0.36	Tons
Starch	-4.47	%DM
Starch Dig	-0.69	%Starch
NDFd30	-1.81	%NDF
TTNDFd	0.01	%NDF
uNDF240	1.85	%NDF
Milk/Acre	-275.15	LBS
Milk/Ton	-199.89	LBS

BOLD = Better than plot averages



Additional Hybrid Corn Silage Summary - 2017



DAIRYLAND SEED

BMR-3899 Family		
4 Plots		
Average Difference From Plot Averages		
Moisture	-2.01	Tons
Wet Tons	-6.07	Tons
Tons @ 70%	-5.96	Tons
Dry Tons	-1.71	Tons
Starch	3.27	%DM
Starch Dig	-0.82	%Starch
NDFd30	6.89	%NDF
TTNDFd	5.50	%NDF
uNDF240	-3.03	%NDF
Milk/Acre	-4225.49	LBS
Milk/Ton	203.44	LBS

BMR-3508 Family		
15 Plots		
Average Difference From Plot Averages		
Moisture	-0.28	Tons
Wet Tons	-2.35	Tons
Tons @ 70%	-2.51	Tons
Dry Tons	-0.87	Tons
Starch	0.82	%DM
Starch Dig	-0.43	%Starch
NDFd30	6.09	%NDF
TTNDFd	4.77	%NDF
uNDF240	-2.59	%NDF
Milk/Acre	-2071.99	LBS
Milk/Ton	118.34	LBS

DS-6106 Family		
24 Plots		
Average Difference From Plot Averages		
Moisture	-2.63	Tons
Wet Tons	-1.42	Tons
Tons @ 70%	-1.05	Tons
Dry Tons	-0.05	Tons
Starch	0.46	%DM
Starch Dig	-0.44	%Starch
NDFd30	-0.48	%NDF
TTNDFd	-0.58	%NDF
uNDF240	0.46	%NDF
Milk/Acre	-693.95	LBS
Milk/Ton	-45.11	LBS

DS-9508 Family		
27 Plots		
Average Difference From Plot Averages		
Moisture	-0.59	Tons
Wet Tons	-0.90	Tons
Tons @ 70%	-0.80	Tons
Dry Tons	-0.15	Tons
Starch	2.49	%DM
Starch Dig	0.25	%Starch
NDFd30	-0.34	%NDF
TTNDFd	-0.74	%NDF
uNDF240	-0.68	%NDF
Milk/Acre	205.32	LBS
Milk/Ton	67.05	LBS

DS-9513 Family		
18 Plots		
Average Difference From Plot Averages		
Moisture	1.13	Tons
Wet Tons	0.54	Tons
Tons @ 70%	0.24	Tons
Dry Tons	-0.14	Tons
Starch	-0.16	%DM
Starch Dig	0.00	%Starch
NDFd30	0.53	%NDF
TTNDFd	-0.09	%NDF
uNDF240	0.15	%NDF
Milk/Acre	-72.69	LBS
Milk/Ton	22.69	LBS

DS-9713 Family		
25 Plots		
Average Difference From Plot Averages		
Moisture	1.10	Tons
Wet Tons	0.82	Tons
Tons @ 70%	0.56	Tons
Dry Tons	-0.01	Tons
Starch	0.87	%DM
Starch Dig	0.23	%Starch
NDFd30	-1.79	%NDF
TTNDFd	-1.45	%NDF
uNDF240	0.59	%NDF
Milk/Acre	191.88	LBS
Milk/Ton	31.46	LBS

DS-6414 Family		
9 Plots		
Average Difference From Plot Averages		
Moisture	0.99	Tons
Wet Tons	0.83	Tons
Tons @ 70%	0.56	Tons
Dry Tons	-0.01	Tons
Starch	-1.93	%DM
Starch Dig	-0.91	%Starch
NDFd30	1.15	%NDF
TTNDFd	0.61	%NDF
uNDF240	0.64	%NDF
Milk/Acre	-906.61	LBS
Milk/Ton	-74.85	LBS

EXP-10613 Family		
10 Plots		
Average Difference From Plot Averages		
Moisture	-1.17	Tons
Wet Tons	0.40	Tons
Tons @ 70%	0.81	Tons
Dry Tons	0.53	Tons
Starch	-0.42	%DM
Starch Dig	0.12	%Starch
NDFd30	0.10	%NDF
TTNDFd	0.86	%NDF
uNDF240	0.16	%NDF
Milk/Acre	1534.71	LBS
Milk/Ton	-17.78	LBS

EXP-11007 Family		
16 Plots		
Average Difference From Plot Averages		
Moisture	0.79	Tons
Wet Tons	0.65	Tons
Tons @ 70%	0.45	Tons
Dry Tons	0.00	Tons
Starch	1.09	%DM
Starch Dig	0.85	%Starch
NDFd30	1.58	%NDF
TTNDFd	1.12	%NDF
uNDF240	-1.04	%NDF
Milk/Acre	890.50	LBS
Milk/Ton	99.11	LBS

EXP-11011 Family		
7 Plots		
Average Difference From Plot Averages		
Moisture	1.66	Tons
Wet Tons	2.63	Tons
Tons @ 70%	2.47	Tons
Dry Tons	0.63	Tons
Starch	-1.62	%DM
Starch Dig	0.67	%Starch
NDFd30	-1.09	%NDF
TTNDFd	-0.18	%NDF
uNDF240	0.68	%NDF
Milk/Acre	1382.28	LBS
Milk/Ton	-79.22	LBS

Silage Analysis Key		
(Goals are typical and may change by producer)		
	Function	Goal
Moisture		-
Wet Tons	Yield	High +
Tons @ 70%	Yield	High +
Dry Tons	Yield	High +
Starch	Energy	High +
Starch Dig	Avail. Energy	High +
NDFd30	Fiber Dig	High +
TTNDFd	Fiber Dig	High +
uNDF240	Fiber Dig	Low -
Milk/Acre	Overall Quality	High +
Milk/Ton	Yield + Quality	High +

BOLD = Better than plot averages



Dairyland Seed Corn Silage Hybrid Metrics



DAIRYLAND SEED

	Highly Digestible Forage (HiDF)	Brown Midrib (BMR)	Standard Grain Corn
Agronomic Performance			
Silage Yield	1	5	3
Stress Tolerance	3	7	2
Disease Tolerance	2	6	2
Soil Adaptability	2	5	1
Nutritional Performance			
Starch Content	2	4	1
Starch Digestibility	2	5	7
Fiber Digestibility	3	1	7
Milk/Ton	2	2	6
Milk/Acre	1	4	5

Rating Scale 1-9 (1 = Excellent)

