

HiDF Corn Silage Performance Summary - 2016

Average of all plots entered



Hybrid	Plots	Moisture	Yield Performance			Grain Metrics		Fiber Digestibility			Overall Performance	
			Wet Tons	Tons @ 70%	Dry Tons	Starch	Starch Dig	NDFd30	TTNDFd	uNDF240	Milk/Ton	Milk/Acre
HiDF-3188	11	55.67	16.02	18.05	6.83	41.44	60.24	57.97	38.36	8.70	3424	23292
HiDF-3290	12	50.63	15.35	18.02	7.28	43.67	59.51	53.10	34.31	8.65	3332	24017
HiDF-3197	29	57.97	19.88	22.10	8.18	39.43	60.70	54.81	38.39	9.66	3333	27266
HiDF-3099	34	60.47	21.84	23.76	8.47	37.43	60.10	51.63	35.99	11.50	3248	27660
HiDF-3700	36	59.39	20.57	22.56	8.16	37.72	61.58	53.90	37.73	10.78	3343	27192
HiDF-3702	53	61.69	22.75	24.48	8.56	37.82	60.82	53.43	37.78	10.16	3343	28641
HiDF-3103	37	60.72	22.77	24.72	8.78	37.70	59.28	50.81	35.54	11.41	3257	28492
HiDF-3605	52	60.65	23.31	25.31	8.99	36.49	59.53	50.78	34.50	11.99	3272	29476
HiDF-3407	31	62.65	23.98	25.67	8.89	36.87	62.73	53.53	37.76	10.59	3346	29686
HiDF-3808	59	62.58	25.24	26.89	9.22	34.62	61.71	51.87	37.72	11.02	3233	29858
HiDF-3510	55	62.18	24.97	26.75	9.26	34.84	61.27	52.35	37.04	11.90	3210	29284
HiDF-3915	16	64.25	25.58	26.78	8.88	31.46	61.00	51.76	40.34	12.19	3131	27155
Weighted Average		60.82	22.81	24.67	8.70	36.84	60.80	52.56	36.99	10.99	3280	28439
Total Plots	425											

Better than Program Average



HiD.F. Corn Silage Summary 2016

HiDF-3188 Family Average Difference 11 Plots		
Average Difference From Plot Averages		
Moisture	-2.42	Tons
Wet Tons	-2.70	Tons
Tons @ 70%	-2.31	Tons
Dry Tons	-0.42	Tons
Starch	-0.40	%DM
Starch Dig	-3.29	%Starch
NDFd30	0.22	%NDF
TTNDFd	-1.93	%NDF
uNDF240	0.90	%NDF
Milk/Ton	-79.75	LBS
Milk/Acre	-1930	LBS

HiDF-3290 Family Average Difference 13 Plots		
Average Difference From Plot Averages		
Moisture	-5.80	Tons
Wet Tons	-2.70	Tons
Tons @ 70%	-1.87	Tons
Dry Tons	0.02	Tons
Starch	1.74	%DM
Starch Dig	-3.94	%Starch
NDFd30	-3.92	%NDF
TTNDFd	-4.68	%NDF
uNDF240	0.22	%NDF
Milk/Ton	-121.40	LBS
Milk/Acre	-787	LBS

HiDF-3197 Family Average Difference 29 Plots		
Average Difference From Plot Averages		
Moisture	-1.79	Tons
Wet Tons	-0.70	Tons
Tons @ 70%	-0.24	Tons
Dry Tons	0.25	Tons
Starch	0.66	%DM
Starch Dig	-0.73	%Starch
NDFd30	0.38	%NDF
TTNDFd	-0.04	%NDF
uNDF240	-0.16	%NDF
Milk/Ton	-33.31	LBS
Milk/Acre	569	LBS

HiDF-3099 Family Average Difference 34 Plots		
Average Difference From Plot Averages		
Moisture	-0.60	Tons
Wet Tons	0.16	Tons
Tons @ 70%	0.33	Tons
Dry Tons	0.22	Tons
Starch	-0.07	%DM
Starch Dig	-1.21	%Starch
NDFd30	-1.69	%NDF
TTNDFd	-1.39	%NDF
uNDF240	1.04	%NDF
Milk/Ton	-85.87	LBS
Milk/Acre	64	LBS

HiDF-3700 Family Average Difference 36 Plots		
Average Difference From Plot Averages		
Moisture	-1.07	Tons
Wet Tons	-0.97	Tons
Tons @ 70%	-0.82	Tons
Dry Tons	-0.15	Tons
Starch	0.28	%DM
Starch Dig	0.37	%Starch
NDFd30	1.40	%NDF
TTNDFd	0.52	%NDF
uNDF240	0.04	%NDF
Milk/Ton	37.94	LBS
Milk/Acre	-294	LBS

HiDF-3702 Family Average Difference 53 Plots		
Average Difference From Plot Averages		
Moisture	0.92	Tons
Wet Tons	0.52	Tons
Tons @ 70%	0.40	Tons
Dry Tons	0.03	Tons
Starch	0.07	%DM
Starch Dig	-0.23	%Starch
NDFd30	0.10	%NDF
TTNDFd	1.25	%NDF
uNDF240	-0.40	%NDF
Milk/Ton	-1.16	LBS
Milk/Acre	51	LBS

HiDF-3103 Family Average Difference 37 Plots		
Average Difference From Plot Averages		
Moisture	0.12	Tons
Wet Tons	0.53	Tons
Tons @ 70%	0.56	Tons
Dry Tons	0.19	Tons
Starch	0.48	%DM
Starch Dig	-1.27	%Starch
NDFd30	-1.33	%NDF
TTNDFd	-1.25	%NDF
uNDF240	0.45	%NDF
Milk/Ton	-36.01	LBS
Milk/Acre	165	LBS

HiDF-3605 Family Average Difference 52 Plots		
Average Difference From Plot Averages		
Moisture	0.12	Tons
Wet Tons	0.51	Tons
Tons @ 70%	0.52	Tons
Dry Tons	0.17	Tons
Starch	-0.88	%DM
Starch Dig	-1.00	%Starch
NDFd30	-1.89	%NDF
TTNDFd	-1.88	%NDF
uNDF240	1.17	%NDF
Milk/Ton	-38.38	LBS
Milk/Acre	216	LBS

HiDF-3407 Family Average Difference 31 Plots		
Average Difference From Plot Averages		
Moisture	1.85	Tons
Wet Tons	1.46	Tons
Tons @ 70%	1.28	Tons
Dry Tons	0.25	Tons
Starch	0.01	%DM
Starch Dig	1.87	%Starch
NDFd30	0.24	%NDF
TTNDFd	1.00	%NDF
uNDF240	-0.10	%NDF
Milk/Ton	42.82	LBS
Milk/Acre	1108	LBS

HiDF-3808 Family Average Difference 59 Plots		
Average Difference From Plot Averages		
Moisture	1.79	Tons
Wet Tons	2.29	Tons
Tons @ 70%	2.03	Tons
Dry Tons	0.43	Tons
Starch	-2.52	%DM
Starch Dig	0.97	%Starch
NDFd30	-0.64	%NDF
TTNDFd	1.23	%NDF
uNDF240	0.13	%NDF
Milk/Ton	-70.98	LBS
Milk/Acre	759	LBS

HiDF-3510 Family Average Difference 55 Plots		
Average Difference From Plot Averages		
Moisture	1.52	Tons
Wet Tons	1.98	Tons
Tons @ 70%	1.81	Tons
Dry Tons	0.42	Tons
Starch	-2.01	%DM
Starch Dig	0.63	%Starch
NDFd30	-0.30	%NDF
TTNDFd	0.55	%NDF
uNDF240	0.95	%NDF
Milk/Ton	-81.47	LBS
Milk/Acre	163	LBS

HiDF-3915 Family Average Difference 16 Plots		
Average Difference From Plot Averages		
Moisture	4.48	Tons
Wet Tons	3.05	Tons
Tons @ 70%	2.19	Tons
Dry Tons	0.05	Tons
Starch	-4.30	%DM
Starch Dig	1.03	%Starch
NDFd30	-0.17	%NDF
TTNDFd	2.56	%NDF
uNDF240	0.60	%NDF
Milk/Ton	-70.19	LBS
Milk/Acre	-747	LBS

BOLD = Better than plot averages

Multi-Purpose Corn Silage Summary 2016

DS-6693 Family Average Difference 7 Plots		
Average Difference From Plot Averages		
Moisture	0.11	Tons
Wet Tons	-0.89	Tons
Tons @ 70%	-0.73	Tons
Dry Tons	-0.10	Tons
Starch	0.51	%DM
Starch Dig	0.25	%Starch
NDFd30	-0.11	%NDF
TTNDFd	-1.07	%NDF
uNDF240	-0.39	%NDF
Milk/Ton	46	LBS
Milk/Acre	71	LBS

DS-6403 Family Average Difference 21 Plots		
Average Difference From Plot Averages		
Moisture	-3.47	Tons
Wet Tons	-2.01	Tons
Tons @ 70%	-1.54	Tons
Dry Tons	-0.13	Tons
Starch	1.96	%DM
Starch Dig	-0.97	%Starch
NDFd30	0.27	%NDF
TTNDFd	-1.11	%NDF
uNDF240	-0.33	%NDF
Milk/Ton	49	LBS
Milk/Acre	-73	LBS

DS-6106 Family Average Difference 8 Plots		
Average Difference From Plot Averages		
Moisture	0.18	Tons
Wet Tons	1.41	Tons
Tons @ 70%	1.54	Tons
Dry Tons	0.56	Tons
Starch	0.72	%DM
Starch Dig	1.12	%Starch
NDFd30	0.41	%NDF
TTNDFd	0.74	%NDF
uNDF240	-0.83	%NDF
Milk/Ton	76	LBS
Milk/Acre	2587	LBS

DS-9307 Family Average Difference 12 Plots		
Average Difference From Plot Averages		
Moisture	-1.22	Tons
Wet Tons	-1.46	Tons
Tons @ 70%	-1.23	Tons
Dry Tons	-0.21	Tons
Starch	1.92	%DM
Starch Dig	1.27	%Starch
NDFd30	-0.41	%NDF
TTNDFd	-1.28	%NDF
uNDF240	0.15	%NDF
Milk/Ton	114	LBS
Milk/Acre	413	LBS

DS-9513 Family Average Difference 7 Plots		
Average Difference From Plot Averages		
Moisture	1.17	Tons
Wet Tons	2.20	Tons
Tons @ 70%	2.10	Tons
Dry Tons	0.56	Tons
Starch	0.84	%DM
Starch Dig	0.64	%Starch
NDFd30	1.21	%NDF
TTNDFd	1.17	%NDF
uNDF240	-0.19	%NDF
Milk/Ton	63.58	LBS
Milk/Acre	2460	LBS

DS-9713 Family Average Difference 26 Plots		
Average Difference From Plot Averages		
Moisture	1.87	Tons
Wet Tons	1.52	Tons
Tons @ 70%	-1.68	Tons
Dry Tons	-0.85	Tons
Starch	0.87	%DM
Starch Dig	2.70	%Starch
NDFd30	-0.42	%NDF
TTNDFd	0.14	%NDF
uNDF240	-0.36	%NDF
Milk/Ton	60.27	LBS
Milk/Acre	-2284	LBS

EXP-09007 Family Average Difference 6 Plots		
Average Difference From Plot Averages		
Moisture	1.05	Tons
Wet Tons	-0.30	Tons
Tons @ 70%	-0.25	Tons
Dry Tons	-0.04	Tons
Starch	-3.97	%DM
Starch Dig	-3.06	%Starch
NDFd30	-4.43	%NDF
TTNDFd	-0.47	%NDF
uNDF240	1.48	%NDF
Milk/Ton	-148.50	LBS
Milk/Acre	-1257	LBS

EXP-10702 Family Average Difference 29 Plots		
Average Difference From Plot Averages		
Moisture	2.55	Tons
Wet Tons	0.77	Tons
Tons @ 70%	0.34	Tons
Dry Tons	-0.20	Tons
Starch	0.09	%DM
Starch Dig	2.49	%Starch
NDFd30	1.06	%NDF
TTNDFd	1.39	%NDF
uNDF240	-0.85	%NDF
Milk/Ton	116.25	LBS
Milk/Acre	387	LBS

EXP-11007 Family Average Difference 9 Plots		
Average Difference From Plot Averages		
Moisture	-0.18	Tons
Wet Tons	-0.12	Tons
Tons @ 70%	-0.05	Tons
Dry Tons	0.04	Tons
Starch	3.74	%DM
Starch Dig	2.31	%Starch
NDFd30	2.56	%NDF
TTNDFd	0.34	%NDF
uNDF240	-2.25	%NDF
Milk/Ton	173.14	LBS
Milk/Acre	1625	LBS

EXP-11111 Family Average Difference 6 Plots		
Average Difference From Plot Averages		
Moisture	-2.85	Tons
Wet Tons	0.37	Tons
Tons @ 70%	0.69	Tons
Dry Tons	0.44	Tons
Starch	0.87	%DM
Starch Dig	-2.30	%Starch
NDFd30	-1.41	%NDF
TTNDFd	-1.97	%NDF
uNDF240	1.72	%NDF
Milk/Ton	-102.00	LBS
Milk/Acre	383	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	Energy Avail	High +
NDFd30	Fiber Dig	High +
TTNDFd	Fiber Dig	High +
uNDF240	Fiber Dig	Low -
Milk/Ton	Overall Quality	High +
Milk/Acre	Yield + Quality	High +



BOLD = Better than plot averages

Dairyland Seed Corn Silage Hybrid Metrics



	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)

