

HYBRIFORCE 3400

GEN-3 HYBRID ALFALFA

Side-by-Side Head-to-Head Summary

On-Farm HAY Program (Hybrid Alfalfa Yield)

2013-2018 All cuts at all locations vs non-Dairyland varieties

(2,965 comparisons)

COMPETITOR	3400 YIELD ADVANTAGE ¹	WINS ²		LOSSES	WIN % ³	EXTRA \$ VALUE/BAG ⁴
ALL	8.5%	1,983	-	982	66.9%	\$ 830.08
HVX	17.5%	259	-	67	79.4%	\$ 1,702.15
RR	9.6%	979	-	446	68.7%	\$ 937.53
CONV	7.5%	1,004	-	536	65.2%	\$ 730.65



DAIRYLAND SEED

Footnotes:

- ¹ "Yield Advantage" is the average percent forage yield advantage of HybriForce alfalfa versus the competitive check variety when comparing all side-by-side head-to-head cuts.
- ² "Wins" indicates the number of cuts that HybriForce alfalfa yielded more than the competitive variety and "Losses" indicates the number of cuts that HybriForce alfalfa yielded less than the competitive variety.
- ³ "Win%" is the percentage of the side-by-side head-to-head cuts that HybriForce alfalfa yielded more than the competitive variety.
- ⁴ "Extra \$ Value/Bag" is calculated using the following formula: (Adv) x (5 DM Tons Per Acre) x (4 Years in Production) x (\$175 Hay Price) x (50 lbs of seed per bag/18lbs of seed per Acre).

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HYBRIFORCE 3400 vs. Competitive Brands

GEN-3 HYBRID ALFALFA

On-Farm HAY Program (Hybrid Alfalfa Yield)

2013-2018 All cuts at all locations vs non-Dairyland varieties (2,965 comparisons)

COMPETITOR	COMPANY	3400 YIELD ADVANTAGE ¹	WINS ²	LOSSES	WIN % ³	EXTRA \$ VALUE/BAG ⁴
GUNNER	Croplan	36.0%	4	0	100.0%	\$ 3,499.86
AphaTron	Croplan	8.2%	84	39	68.3%	\$ 797.11
LegenDairy XHD	Croplan	7.0%	152	85	64.1%	\$ 683.93
HVX HARVATRON	Croplan	7.0%	4	2	66.7%	\$ 678.30
Rebound6.0	Croplan	5.9%	55	31	64.0%	\$ 575.59
Stratica RR	Croplan	5.9%	61	41	59.8%	\$ 571.15
CONSISTENCY4.10RR	Croplan	4.2%	18	5	78.3%	\$ 412.05
Tonnica RR	Croplan	-0.1%	4	5	44.4%	\$ (13.94)
REBOUNDS5.0	Croplan	-1.0%	3	4	42.9%	\$ (97.50)
	ALL Croplan	6.8%	385	212	64.5%	\$ 661.02
DKA43-22RR	Dekalb	13.6%	2	4	33.3%	\$ 1,324.18
DKC 137	Dekalb	10.7%	9	3	75.0%	\$ 1,035.59
DKA44-16RR	Dekalb	9.0%	58	25	69.9%	\$ 872.96
DKA41-18RR	Dekalb	5.9%	125	84	59.8%	\$ 575.51
	ALL Dekalb	7.1%	194	116	62.6%	\$ 687.45
Exalt	LG	8.9%	8	2	80.0%	\$ 865.18
51606	LG	2.7%	2	1	66.7%	\$ 266.11
	ALL LG	7.5%	10	3	76.9%	\$ 726.94
6422Q	Nexgrow	10.8%	59	18	76.6%	\$ 1,045.73
6552	Nexgrow	10.4%	28	9	75.7%	\$ 1,012.99
6497R (Nexgrow)	Nexgrow	7.5%	88	40	68.8%	\$ 726.05
6585Q	Nexgrow	4.0%	47	45	51.1%	\$ 389.90
6472A	Nexgrow	-2.4%	8	15	34.8%	\$ (232.29)
	ALL Nexgrow	7.0%	230	127	64.4%	\$ 676.37
64Q22	Syngenta	21.1%	6	0	100.0%	\$ 2,055.77
	ALL Syngenta	21.1%	6	0	100.0%	\$ 2,055.77
UC 9000 ML Brand	United Coop	24.8%	10	0	100.0%	\$ 2,407.53
	ALL United Coop	24.8%	10	0	100.0%	\$ 2,407.53
WL301HVX.RR	WL	18.2%	255	59	81.2%	\$ 1,772.11
WL363HQ	WL	18.2%	22	3	88.0%	\$ 1,768.94
WL367HQ.RR	WL	10.8%	65	28	69.9%	\$ 1,046.95
352LH.RR	WL	7.2%	35	22	61.4%	\$ 701.89
WL372HQ.RR	WL	6.3%	26	9	74.3%	\$ 608.22
WL356HQ.RR	WL	4.9%	60	40	60.0%	\$ 477.53
WL319HQ	WL	2.8%	6	4	60.0%	\$ 268.08
WL355RR	WL	-7.3%	2	4	33.3%	\$ (709.28)
	ALL WL	12.9%	471	169	73.6%	\$ 1,254.17
	ALL	8.5%	1,983	982	66.9%	\$ 830.08

HYBRIFORCE 3400 vs. Competitive Varieties

GEN-3 HYBRID ALFALFA

On-Farm HAY Program (Hybrid Alfalfa Yield)							
2013-2018 All cuts at all locations vs non-Dairyland varieties (2,965 comparisons)							
COMPETITOR	COMPANY	3400 YIELD ADVANTAGE ¹	WINS ²		LOSSES	WIN % ³	EXTRA \$ VALUE/BAG ⁴
GUNNER	Croplan	36.0%	4	-	0	100.0%	\$ 3,499.86
Provider II	Munson Hybrids	33.1%	9	-	2	81.8%	\$ 3,214.54
UC 9000 ML Brand	United Coop	24.8%	10	-	0	100.0%	\$ 2,407.53
KingFisher 101 OC	Byron	21.7%	3	-	0	100.0%	\$ 2,110.35
64Q22	Syngenta	21.1%	6	-	0	100.0%	\$ 2,055.77
WL301HVX.RR	WL	18.2%	255	-	59	81.2%	\$ 1,772.11
WL363HQ	WL	18.2%	22	-	3	88.0%	\$ 1,768.94
Northern Best Brand II	Werner	14.4%	12	-	2	85.7%	\$ 1,404.12
DKA43-22RR	Dekalb	13.6%	2	-	4	33.3%	\$ 1,324.18
WL367HQ.RR	WL	10.8%	65	-	28	69.9%	\$ 1,046.95
6422Q	Nexgrow	10.8%	59	-	18	76.6%	\$ 1,045.73
DKC 137	Dekalb	10.7%	9	-	3	75.0%	\$ 1,035.59
6552	Nexgrow	10.4%	28	-	9	75.7%	\$ 1,012.99
Tug of War	Tug of War	10.2%	9	-	1	90.0%	\$ 990.78
DKA44-16RR	Dekalb	9.0%	58	-	25	69.9%	\$ 872.96
Exalt	LG	8.9%	8	-	2	80.0%	\$ 865.18
4017 APH2	Best Forage	8.4%	3	-	1	75.0%	\$ 812.52
AphaTron	Croplan	8.2%	84	-	39	68.3%	\$ 797.11
KF 425HD	Byron	7.9%	3	-	1	75.0%	\$ 766.01
455HD	Legacy	7.8%	20	-	10	66.7%	\$ 755.56
449APH2	Legacy	7.5%	17	-	5	77.3%	\$ 730.62
6497R (Nexgrow)	Nexgrow	7.5%	88	-	40	68.8%	\$ 726.05
352LH.RR	WL	7.2%	35	-	22	61.4%	\$ 701.89
LegenDairy XHD	Croplan	7.0%	152	-	85	64.1%	\$ 683.93
HVX HARVATRON	Croplan	7.0%	4	-	2	66.7%	\$ 678.30
WL372HQ.RR	WL	6.3%	26	-	9	74.3%	\$ 608.22
Rebound6.0	Croplan	5.9%	55	-	31	64.0%	\$ 575.59
DKA41-18RR	Dekalb	5.9%	125	-	84	59.8%	\$ 575.51
Stratica RR	Croplan	5.9%	61	-	41	59.8%	\$ 571.15
WL356HQ.RR	WL	4.9%	60	-	40	60.0%	\$ 477.53
L-504HD	Legacy	4.7%	3	-	1	75.0%	\$ 455.92
CONSISTENCY4.10RR	Croplan	4.2%	18	-	5	78.3%	\$ 412.05
Superior	Great Lakes	4.1%	4	-	3	57.1%	\$ 394.91
6585Q	Nexgrow	4.0%	47	-	45	51.1%	\$ 389.90
6480H	Allied	2.8%	13	-	10	56.5%	\$ 276.12
WL319HQ	WL	2.8%	6	-	4	60.0%	\$ 268.08
51606	LG	2.7%	2	-	1	66.7%	\$ 266.11
3717 HD	Best Forage	2.4%	2	-	2	50.0%	\$ 229.17
24/7	Gold Country	1.3%	12	-	10	54.5%	\$ 129.03
L-455HD	Legacy	0.0%	6	-	6	50.0%	\$ 1.41
Tonnica RR	Croplan	-0.1%	4	-	5	44.4%	\$ (13.94)
REBOUND5.0	Croplan	-1.0%	3	-	4	42.9%	\$ (97.50)
L-456	Legacy	-1.4%	2	-	2	50.0%	\$ (134.42)
Contender	Beck's	-1.7%	2	-	3	40.0%	\$ (169.60)
620APH2	Mustang Seeds	-2.2%	5	-	5	50.0%	\$ (214.54)
6472A	Nexgrow	-2.4%	8	-	15	34.8%	\$ (232.29)
446RR	Legacy	-2.7%	6	-	6	50.0%	\$ (264.41)
Baralfa X42 Hyb	Byron	-3.6%	2	-	2	50.0%	\$ (349.20)
WL355RR	WL	-7.3%	2	-	4	33.3%	\$ (709.28)
ALL		8.5%	1,983	-	982	66.9%	\$ 830.08

HYBRIFORCE 3400 vs. Roundup Ready Varieties

GEN-3 HYBRID ALFALFA

On-Farm HAY Program (Hybrid Alfalfa Yield)

2013-2018 All cuts at all locations vs non-Dairyland varieties (1,425 comparisons)

COMPETITOR	COMPANY	3400 YIELD ADVANTAGE ¹	WINS ²	LOSSES	WIN % ³	EXTRA \$ VALUE/BAG ⁴
WL301HVX.RR	WL	18.2%	255	59	81.2%	\$ 1,772.11
DKA43-22RR	Dekalb	13.6%	2	4	33.3%	\$ 1,324.18
WL367HQ.RR	WL	10.8%	65	28	69.9%	\$ 1,046.95
DKA44-16RR	Dekalb	9.0%	58	25	69.9%	\$ 872.96
AphaTron	Croplan	8.2%	84	39	68.3%	\$ 797.11
6497R	Nexgrow	7.5%	88	40	68.8%	\$ 726.05
352LH.RR	WL	7.2%	35	22	61.4%	\$ 701.89
HVX HARVATRON	Croplan	7.0%	4	2	66.7%	\$ 678.30
WL372HQ.RR	WL	6.3%	26	9	74.3%	\$ 608.22
DKA41-18RR	Dekalb	5.9%	125	84	59.8%	\$ 575.51
Stratica RR	Croplan	5.9%	61	41	59.8%	\$ 571.15
WL356HQ.RR	WL	4.9%	60	40	60.0%	\$ 477.53
CONSISTENCY4.10RR	Croplan	4.2%	18	5	78.3%	\$ 412.05
Tonnica RR	Croplan	-0.1%	4	5	44.4%	\$ (13.94)
446RR	Legacy	-2.7%	6	6	50.0%	\$ (264.41)
WL355RR	WL	-7.3%	2	4	33.3%	\$ (709.28)
ALL		9.6%	979	446	68.7%	\$ 937.53



HYBRIFORCE 3400

GEN-3 HYBRID ALFALFA

On-Farm HAY Program (Hybrid Alfalfa Yield)

2013-2018 All cuts at all locations vs non-Dairyland varieties (2,965 comparisons)

Performance Parameter	3400 Advantage
Crude Protein (% of Dry Matter)	1.2%
Neutral Detergent Fiber Digestibility (NDFD-30hr)	3.9%
Total Tract Neutral Detergent Fiber Digestibility (TTNDFD)	1.3%
Relative Forage Quality (RFQ)	2.0%
Milk/Ton	1.6%
Milk/Acre	8.4%



HYBRIFORCE 3420/WET vs. Competitive Varieties

GEN-3 HYBRID ALFALFA
BRANCH-ROOTED

On-Farm HAY Program (Hybrid Alfalfa Yield)

2013-2018 All cuts at all locations vs non-Dairyland varieties (93 comparisons)

COMPETITOR	COMPANY	3420 YIELD ADVANTAGE ¹	WINS ²		LOSSES	WIN % ³	EXTRA \$ VALUE/BAG ⁴
6585Q	Nexgrow	33.7%	4	-	0	100.0%	\$ 3,274.71
KINGFISHER 409	Byron	27.3%	7	-	1	87.5%	\$ 2,656.36
KINGFISHER CUSTOM BLEND	Byron	22.9%	4	-	0	100.0%	\$ 2,225.80
KINGFISHER 4020CT	Byron	20.4%	6	-	2	75.0%	\$ 1,980.10
L-504HD	Legacy	16.6%	4	-	0	100.0%	\$ 1,609.11
HVX HARVATRON	Croplan	13.1%	5	-	7	41.7%	\$ 1,277.34
WL341HVX.RR	WL	9.4%	8	-	4	66.7%	\$ 915.87
HVX DRIVER	Croplan	-0.4%	5	-	4	55.6%	\$ (41.39)
WL301HVX.RR	WL	-1.1%	5	-	5	50.0%	\$ (107.40)
ALL		12.3%	65	-	28	69.9%	\$ 1,200.31
HVX		8.7%	27	-	20	57.4%	\$ 844.76
CONV		16.1%	38	-	8	82.6%	\$ 1,563.60

HYBRIFORCE 3430 vs. Competitive Varieties

GEN-3 HYBRID ALFALFA

On-Farm HAY Program (Hybrid Alfalfa Yield)

2013-2018 All cuts at all locations vs non-Dairyland varieties (167 comparisons)

COMPETITOR	COMPANY	3430 YIELD ADVANTAGE ¹	WINS ²		LOSSES	WIN % ³	EXTRA \$ VALUE/BAG ⁴
WL359LH.RR	WL	29.1%	1	-	0	100.0%	\$ 2,832.43
HVX DRIVER	Croplan	23.1%	9	-	1	90.0%	\$ 2,244.37
WL341HVX.RR	WL	22.8%	34	-	7	82.9%	\$ 2,219.99
HVX HARVATRON	Croplan	14.9%	29	-	10	74.4%	\$ 1,450.25
UC 9000 ML BRAND	United Coop	9.5%	2	-	1	66.7%	\$ 926.17
WL301HVX.RR	WL	2.9%	5	-	2	71.4%	\$ 280.48
DKA40-21HVX.RR	Dekalb	2.4%	4	-	2	66.7%	\$ 233.40
WL375HVX.RR	WL	0.0%	4	-	2	66.7%	\$ 3.04
MEGATRON	Croplan	-7.5%	0	-	4	0.0%	\$ (729.56)
ALL		14.1%	125	-	42	74.9%	\$ 1,366.34
HVX		14.5%	120	-	38	75.9%	\$ 1,410.15
RR		29.1%	1	-	0	100.0%	\$ 2,832.43
CONV		3.3%	4	-	4	50.0%	\$ 317.92