

## 2019 HYBRID ALFALFA PERFORMANCE SUMMARY

## On-Farm HAY Program (Hybrid Alfalfa Yield)

All Cuts at All Locations vs Non-Dairyland Varieties

## **HybriForce-4400**

GEN-4 HYBRID ALFALFA

174 total comparisons for HybriForce-4400™ from 2017 - 2019

COMPETITOR	COMPANY	YIELD ADVANTAGE <sup>1</sup>	WINS <sup>2</sup>		LOSSES	OutOf	Win % <sup>3</sup>	Extra \$ Value/Bag <sup>4</sup>	
ALL		10.4%	125	-	49	174	71.8%	\$	1,010.06
HVX	<u>C</u>	11.6%	71	-	25	96	74.0%	\$	1,130.86
RR		11.2%	86	-	28	114	75.4%	\$	1,088.51
CON	V	8.9%	39	-	21	60	65.0%	\$	860.99

ADVANTAGE vs COMPETITIVE BRANDS									
CROPLAN	11.3%	42	-	7	49	85.7%	\$	1,100.51	
DEKALB	2.7%	5	-	6	11	45.5%	\$	262.53	
LEGACY	9.5%	20	-	10	30	66.7%	\$	925.10	
NEXGROW	10.3%	11	-	3	14	78.6%	\$	1,005.72	
WL	9.5%	22	-	6	28	78.6%	\$	920.99	
ALL	10.4%	125	-	49	174	71.8%	\$	1,010.06	

ADVANTAGE BY YIELD										
MEGATRON	CROPLAN	19.2%	4	-	2	6	66.7%	\$	1,865.79	
446RR	LEGACY	16.9%	4	-	0	4	100.0%	\$	1,646.82	
L-504HD	LEGACY	15.0%	9	-	3	12	75.0%	\$	1,460.11	
WL375HVX.RR	WL	14.1%	3		0	3	100.0%	\$	1,366.60	
6585Q	NEXGROW	13.6%	7	-	1	8	87.5%	\$	1,321.38	
HVX HARVATRON	CROPLAN	11.7%	27	-	3	30	90.0%	\$	1,138.59	
L-455HD	LEGACY	11.0%	3	-	3	6	50.0%	\$	1,068.06	
WL341HVX.RR	WL	9.8%	17		5	22	77.3%	\$	953.21	
RR APHATRON 2XT	CROPLAN	9.5%	4	-	0	4	100.0%	\$	920.93	
APHATRON	CROPLAN	8.1%	3	-	0	3	100.0%	\$	785.20	
6422Q	NEXGROW	6.0%	4	-	2	6	66.7%	\$	584.86	
DKA40-21HVX.RR	DEKALB	5.3%	4	-	4	8	50.0%	\$	511.15	
LEGENDAIRY XHD	CROPLAN	4.3%	4	-	2	6	66.7%	\$	422.22	
WL359LH.RR	WL	2.5%	2		1	3	66.7%	\$	239.05	
449APH2	LEGACY	-2.2%	2	-	2	4	50.0%	\$	(210.21)	
DKA44-16RR	DEKALB	-4.1%	1	-	2	3	33.3%	\$	(400.47)	
L-456	LEGACY	-4.9%	2	-	2	4	50.0%	\$	(480.80)	
ALL		10.4%	125	-	49	174	71.8%	\$	1,010.06	

MILK PER ACRE ADVANTAGE: 8.33%

30 HOUR NDF DIGESTIBILITY ADVANTAGE: 6.05%



## Footnotes:

- 1 "Yield Advantage" is the average percent forage yield advantage of HybriForce hybrid alfalfa products versus the competitive check variety when comparing all head to head cuts.
- <sup>2</sup> "Wins" indicates the number of cuts that HybriForce hybrid alfalfa products yielded more than the competitive variety and "Losses" indicates the number of cuts that HybriForce hybrid alfalfa products yielded less than the competitive variety.
- <sup>3</sup> "Win%" is the percentage of the head to head cuts that HybriForce hybrid alfalfa products yielded more than the competitive variety.
- "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) Average difference includes all head-to-head comparisons for HybriForce hybrid alfalfa products against non-Dairyland varieties (weighted averages).

