









HIGHLY DIGESTIBLE ALFALFA

Radiance HD II is a dark green, **HIGHLY DIGESTIBLE (HD®)** alfalfa variety that was bred for high yield, outstanding forage quality, and fast regrowth. Radiance HD II delivers faster recovery after harvest than nearly all other conventional alfalfa varieties and provides added yield for the cash hay producer or dairy farmer. Radiance HD II was bred from alfalfa plants with extremely high yield, disease resistances, and forage digestibility. This makes Radiance HD II one of the highest yielding, persistent, and high forage quality alfalfas available. Radiance HD II responds best with improved alfalfa management.

-  **Very High Yield**
-  **Highly Digestible**
-  **Fast Recovery**
-  **Large Crown Size**
-  **Very High Persistence**
-  **Reduced Lignin Variety**

Radiance HD II Agronomic Traits

DRI	30/30
FD	4
WH	1.9

Disease Ratings:

Aphanomyces Race I.....	HR
Bacterial Wilt.....	HR
Verticillium Wilt.....	HR
Fusarium Wilt.....	HR
Phytophthora Root Rot...	HR
Anthracnose.....	HR

Seeding Rates:

- Drilled at: 20 lbs./acre
- Broadcast: 20-22 lbs./acre
- With Companion : 15lbs/acre

Radiance HD II Forage Quality Results after 3 cuts

Evansville, WI 2015 - 2016 Results

3'x17' plots seeded 4/23/15 4 replications

	48 Hr NDFD	3 Cut Yield	Lignin	TTNDFD	TTNDFD Rank	RFO	M/T	M/A
Radiance HD II	51.8	5.49	6.0	42.9	1	161	3,335	18,311
Rebound 6.0	51.9	4.36	6.4	40.6	12	155	3,297	17,672
Pioneer 55Q27	48.9	5.31	6.5	39.6	20	147	3,228	17,140
Hi-Gest 360	49.3	5.16	6.0	41.0	8	161	3,265	16,848
HybriForce 3400	50.2	5.17	6.4	40.2	17	146	3,238	16,742
WL 365HQ	49.0	5.36	6.3	40.6	17	148	3,233	17,326
Full Trial Mean	51.0	5.52	6.2	40.9		154	3,287	18,157
20 varieties in Trial - All competitors varieties listed Forage Quality Testing done at Rock River Laboratory, Inc.								

Technical data herein is solely a compilation of observations from various geographical areas, conditions, and laboratory tests. Growing results, including varietal characteristics and performance, vary depending on region, climate, soil, seed enhancements, environmental conditions, local management practices and other factors. AMPAC Seed DOES NOT GUARANTEE growing success. Any technical advice by AMPAC Seed concerning the use of its seeds is given without charge. Therefore, AMPAC Seed disclaims any warranty and disclaims all liability for such advice.

**Radiance HD II
Head to Head Forage Yield Summary**

<u>Variety</u>	<u>Total Tons</u>	<u>Percent Advantage</u>	<u>Number of Harvests</u>	<u>4 Cut Average Yield</u>
Radiance HD II	74.78	103%	45	6.65
WL354HQ	72.79			6.47
Radiance HD II	17.94	107%	11	6.52
WL365HQ	17.30			6.29
Radiance HD II	23.36	105%	15	6.23
55V48	21.94			5.85
Radiance HD II	17.94	100%	11	6.52
55Q27	17.87			6.50
Radiance HD II	17.94	103%	11	6.52
Rebound 6.0	17.34			6.31
Radiance HD II	17.94	109%	11	6.52
HiGest 360	16.52			6.01
Radiance HD II	19.74	105%	12	6.58
6417	18.74			6.25
Radiance HD II	43.72	109%	27	6.48
HybriForce-2420/wet	40.05			5.93
Radiance HD II	48.48	99%	28	6.93
HybriForce-3400	48.82			6.97
Radiance HD II	20.88	107%	12	6.96
ForeGrazer V	19.58			6.53
Radiance HD II	19.74	103%	12	6.58
Radiance HD	19.16			6.39
Radiance HD II	30.54	101%	18	6.79
6585Q	30.22			6.72
Avg.		105%		

Data collected from 5 different trials at Evansville and Lancaster, WI and Rocky Ford, CO

