

Fortune

Alfalfa - *Medicago sativa*



Fortune is a new and leading alfalfa variety developed with the latest genetics. With exceptional winter-hardiness score (1.4) for its Fall Dormancy Rating (4.1), Fortune will withstand the harshest winter conditions. When it comes to dry matter yields, Fortune has superior performance against top varieties in trials across the Northern US, Ontario and Quebec:

Michigan – East Lansing

Fortune was second highest yielder in a 3 year trial with 15 entries.

Wisconsin – Arlington

Fortune was second highest yielder in a 3 year trial with 36 entries

Nebraska – Havelock

Fortune was highest yielder in a 3 year trial with 15 entries. Superior yield stability at 111% of trial mean in 3rd year.

See tables on reverse side for details. Only results of the varieties above the trial mean are shown.

Fortune was developed for more milk per acre. This can be found in the high leaf/stem ratio, the high multifoliolate expression (>83%) and fine stems, combined with the high dry matter yield. Persistence of Fortune is excellent, showing very good yield stability over the first three production years.



VARIETY CHARACTERISTICS

STEMS

Fine

LEAVES

Highly multifoliolate >83%,
MFI=3.19

FLOWERS

93% purple,
4% variegated,
2% yellow, trace of white

FALL DORMANCY

FD=4.1

WINTER HARDINESS

Extremely winter hardy,
WS=1.4

STAND PERSISTENCE

Excellent Early

SEEDLING GROWTH

Very good

DROUGHT STRESS

Very good

GROWTH HABIT

Upright

RECOVERY AFTER CUTTING

Very rapid

FINENESS OF STEM

Fine

LEAFINESS

Very high

SEEDING RATE

15-20 lbs/ac

DISEASE AND PEST RATING

Bacterial Wilt	HR
Verticillium Wilt	HR
Phytophthora Root Rot	HR
Fusarium Wilt	HR
Aphanomyces Root Rot	
(Race 1)	HR
Anthraxnose (Race 1)	HR
Pea Aphid, SAA:	
Spotted Alfalfa Aphid	R
Stem Nematode	R
Root Knot Nematode	R

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Alfalfa Yield Summary DM tons/acre

East Lansing, Michigan (Sown April 2010) - Fortune ranked #2 out of 15 entries

	2011		2012		2013		3-yr Total	
DSA08-M	7.96	109%	5.80	109%	6.39	108%	25.97	110%
FG46M329 - Fortune	7.85	107%	6.16	107%	6.33	107%	25.06	106%
Mycogen 4S417	7.52	103%	5.69	103%	5.94	101%	24.47	103%
DG4210	7.49	102%	5.92	102%	6.28	106%	24.46	103%
HybriForce-2400	7.13	97%	5.65	97%	6.02	102%	23.90	101%
WL363HQ	7.46	102%	5.46	102%	5.85	99%	23.85	101%
Kingfisher4020	7.37	101%	5.86	101%	5.72	97%	23.82	101%
Trial Mean	7.33		5.57		5.91		23.7	

Alfalfa Yield Summary DM tons/acre

Arlington, Wisconsin (Sown May 2009) - Fortune ranked #2 out of 36 entries

	2010		2011		2012		3-yr Total	
KF402H	9.30	110%	7.30	110%	6.34	114%	22.94	111%
46M329 - Fortune	9.05	107%	7.37	111%	6.03	108%	22.45	109%
Pluss II	9.17	109%	7.22	109%	5.78	104%	22.17	108%
6422Q	8.55	102%	7.24	109%	5.87	106%	21.66	105%
Hybriforce-2400	8.37	99%	6.71	101%	5.79	104%	20.87	101%
Kingfisher 243	8.67	103%	6.69	101%	5.39	97%	20.75	101%
Everlast II	8.15	97%	6.81	102%	5.70	103%	20.66	100%
3010	8.25	98%	6.63	100%	5.77	104%	20.65	100%
Trial Mean	8.42		6.65		5.56		20.62	

Alfalfa Yield Summary DM tons/acre

Havelock, Nebraska (Irrigated, 2010 Seeding) - Fortune ranked #1 out of 15 entries

	2011		2012		2013		3-yr Total	
FG46M329 - Fortune	10.55	106%	10.44	106%	9.79	111%	30.78	107%
FG46M328	10.43	105%	10.21	103%	9.25	105%	29.89	104%
Integra8400	10.47	105%	10.23	104%	9.01	102%	29.70	104%
Hybri+Jade	10.28	103%	10.12	103%	8.94	101%	29.33	102%
DKA43-13	10.00	101%	9.87	100%	9.34	106%	29.21	102%
Hybriforce-2400	10.01	101%	10.25	104%	8.94	101%	29.20	102%
BY723	10.46	105%	9.81	99%	8.78	99%	29.06	101%
Trial Mean	9.95		9.87		8.83		28.65	