

Power 4.2

Alfalfa - *Medicago sativa*



Power 4.2 delivers the powerful performance that today's forage grower depends on. The variety has a track record of unsurpassed yield performance and strong persistence even into the later years when lesser varieties fail. Power 4.2 is a complete variety that offers the potential for greater performance.

In the field, Power 4.2 is a tall, robust variety with a dense, leafy canopy. It's color is medium, dark green making it attractive in bale. Power 4.2 also delivers top tonnage, all while maintaining the highest quality throughout the growing season.

When it comes to yield performance, Power 4.2 compares with the best-known varieties available. It has been tested against more than 85 commercial varieties, in both public and private trials. Power 4.2 has consistently been rated above them all. In addition, Power 4.2 establishes quickly and maintains a full and productive stand till plowed out.

Power 4.2 is very suitable to upper Midwest and North East conditions. It was the top rated variety in the 2006 registration trials in Ontario, Canada.

Management

Power 4.2 is a widely adapted variety that fits the high-yield, persistence and quality requirements all across the traditional Fall Dormancy 3, 4 and 5 production zones. It is a grower-friendly variety that is managed easily. Power 4.2 performs equally well under aggressive all-out short rotations or in longer rotations where stand persistence is more of a concern. Power 4.2 is adapted to a 3, 4 or 5 cut system, depending on the length of the local growing season.

Power 4.2 is one of the only varieties that deliver top tonnage without quality slump from pre-bud to bloom stage. Power 4.2 is also a great companion to cool season grasses and has excellent regrowth.

FALL DORMANCY RATING
4.8

WINTER SURVIVAL CLASS
2.0

ESTAB. RATE
8-12 days

MULTIFOLIATE LEAF
EXPRESSION RATING
81%

WI DISEASE RATING
30 of 30

Disease Resistance
Anthracnose HR
Aphanomyces (Race 1) HR
Bacterial Wilt HR
Fusarium Wilt HR
Phytophthora Root Rot HR
Verticillium Wilt HR

Insect Resistance
Pea Aphid R
Spotted Alfalfa Aphid R

MIN. ANNUAL RAINFALL
15 inches

DRY MATTER YIELD AVG
10 tons/ac

REGROWTH
Very good

PRIMARY UTILIZATION
Grazing, Silage & Hay

ADF	NDF
31.22	37.65

CP	IVDDM
22.7	76.48

RFV
170

SEEDING RATE
15-20 lbs/ac pure stand
12-15 lbs/ac mixed with
grass

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2003 Canadian Registration Trial

Seeded 2003 Huron Park, Ontario. Harvested 2006. Yield = tons/ac

* Satellite is the registered name in Canada for Power 4.2.

VARIETY	TOTAL 04	%	TOTAL 05	%	TOTAL 06	%	3YR TOTAL	%
POWER 4.2 (SATELLITE*)	7.17	105	12.08	114	11.49	111	30.41	109
Ascend	6.81	99	11.54	109	11.07	107	29.74	107
WL 319HQ	7.08	103	10.45	98	10.39	100	27.82	100
54H11	6.71	98	10.15	96	10.13	98	27.08	97
54H91	7.03	103	9.68	91	9.86	95	26.64	96
5312	6.54	96	8.67	82	8.12	78	23.28	84
MAGNUM IV	6.86	100	11.03	104	10.96	106	28.73	103
Mean	6.85	100	10.62	100	10.34	100	27.81	100

Competitive Analysis

Cumulative from Multiple Testing Locations

Competitor	Variety	Power 4.2 Advantage	Number of Trials
PGI	Gold Plus	15%	4
Chemgro	Paramount II	13%	4
Golden Harvest	GH757	12%	3
Dekalb	DK141	9%	4
Trelay	Root 66	8%	3
Pioneer	5454	6%	2
WL Research	WL325HQ	5%	5
Dekalb	DK142	5%	5
America's Alfalfa	Ameristand 403T	4%	3
Dairyland	Hybri-Force 400	2%	6

Your Local Dealer:

Yield Stability

Year	Yield as % of Trial Mean
Seedling Year	101%
First	104%
Second	105%
Third	106%
Fourth	109%