



PLANET

Medicago sativa

Profile

PLANET is one of the best alfalfa varieties. It has a good resistance to *Verticillium* and *Fusarium* as well as high persistence and stable yields. Another advantage of PLANET is its high green matter and protein yield in all cuts. PLANET can be used for three continuous years and is especially useful on sites susceptible to *Verticillium*.

Due to the excellent variety performance, PLANET is listed in many Eastern European countries (DE, PL, RU, BY, UA, TR; in trials in SI, KZ). PLANET is in dormancy group 3*.

In March 2014, Planet was awarded a golden medal for being an outstanding product during the 14th Ferma Bydła, the largest and most important trade fair for livestock farming in Poland. The alfalfa PLANET received this great honour for its excellent combination of the most important alfalfa variety characteristics - high dry matter and protein yields, very good over-wintering and health. Due to these characteristics, PLANET is readily and successfully cultivated by a number of agricultural enterprises in Poland.

* Most alfalfa plants go dormant in the fall in preparation for winter. Early fall dormant types show very little growth after the September clipping, later fall dormant types demonstrate substantial growth. Fall dormancy is measured on a (1-9) scale, where 1=very early fall dormant and 9=non-dormant. The fall dormancy classes (2-4) are winterhardy types.

National listing/Official recommendation:

BY, DE, KZ, RU, TR, UA

Sowing rate: 18-20 kg/ha

- ✓ dormancy group 3
- ✓ good resistance to alfalfa wilt and fusarium
- ✓ good regrowth ability
- ✓ high proportion of leaves



Agronomic properties

Beginning of flowering	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	inter
Early growth development	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium
Stem length - full development	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium to long

Tends to

Lodging	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	low to medium
Winter damage	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium

Yield characteristics

Dry matter yield total	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium
Dry matter yield - 1st cut	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium
Dry matter yield - further cuts	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium

Classification according to the descriptive variety list - Bundessortenamt (federal plant variety office, Germany) 2024 and our own results.

Quality

Crude protein content	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium to high
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