

POLANA

Agrostis capillaris

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SEEDS & SCIENCE



POLANA

Fine, dense and winter hardy.

Browntop bent (*Agrostis capillaris*) is used extensively on golf greens in mixtures with red fescue or as straight. It is seen as the “traditional” greens mixture for Northern Europe conditions and needs lower input.

It tolerates close mowing very well.

The shoot density is high and it is very adaptable to changing growing conditions.

- Very dense
- High Corticium resistance
- High rust resistance
- Very low growth



TECH FACTS

Growth habit	Rhizomes and stolons
Establishment rate (days)	Medium 14-18
12 mm cut tolerance	Very good
Mowing frequency	> 3x / week
Traffic tolerance (Brinkman)	Good
Nitrogen required	Low to medium
Shade tolerance	Fair/Good
Cold tolerance	Good
Drought tolerance	Fair







Save money on mowing and spraying

POLANA is a top ranking highland bent grass variety with outstanding scores on the German RSM List.

It has the highest score for finest lawn and at the same time also a top score for low growth. It has a wide range of purposes besides golf greens and gives every lawn a high standard of quality.

On top of the high technical scores, POLANA has a very good disease resistance, especially with good rust and corticium resistance, which guarantees a good visual appearance and saves money on disease treatment.

TRIAL RESULTS (GERMANY)

USE FOR:				
VARIETY	ORNAMENTAL TURF	ORDINARY LAWN	SPORT/WEAR	LANDSCAPING
 POLANA	8	9	8	7
 JORVIK	8	8	8	7
 DENSO	7	7	8	8
 HIGHLAND	---	6	---	6
ABERROYAL	7	7	7	7
BARDOT	8	8	7	7
BARKING	7	8	7	7
GOLFIN	---	---	---	6
HERIOT	7	7	8	8

[Scale 1-9, 9 is highest] Source: German recommended list RSM 2009



Maintenance of browntop bentgrass (*Agrostis capillaris*)

Seeding rates (sown as straight on golf green):

New plantings: 100 kg/ha

Overseeding: 50 kg/ha.

Seeding date: Spring or autumn

Fertilisation (pre-sowing and sowing)

Normal seed: pre-plant incorporated: 70 kg N/ha

pre-plant topdressed: 35 kg N/ha

iSeed®: if iSeed® is used no starter fertilization is necessary



Fertilisation (season)

Nitrogen (N): 80-150 kg/ha/yr

Phosphorus (P): 50-75 kg/ha/yr

Potassium (K): 250-400 kg/ha/yr

Micronutrients: depending on soil analysis or plant tissue tests during the year.

Mowing

First mowing at plant heights of 4 - 5 cm

Get to the desired mowing height within seven weeks

Normal 4 - 12 mm, good durability at 4 mm with 3 mm for special tournaments

Irrigation

Irrigate only when necessary

Keep intervals between irrigation cycles as long as possible

Topdressing and verticutting

Frequent verticutting according to seasonal growth, followed by topdressing

DLF-TRIFOLIUM focuses closely on the demands of customers as well as on the market trends of clover and grass seed. Offering one of the world's largest research and breeding programmes for both turf and forage, DLF-TRIFOLIUM is working continually to improve the quality and reliability of all varieties. To meet market expectations, these varieties are tested through a worldwide trialling network for adaptation to different climatic and environmental conditions.

DLF-TRIFOLIUM is the world's largest producer and distributor of grass seed. With subsidiaries in Denmark, Sweden, Holland, Belgium, UK, France, Germany, Czech Republic, Russia, China, New Zealand, South America and United States, an extended distributor and customer network serves the markets worldwide.

