

DynaSeed

Cutting-edge seed technology for successful growth

www.dsv-seeds.com



Innovation for
your growth





Deutsche Saatveredelung AG is one of the leading plant breeding companies in Germany. The company is specialised in breeding, production and distribution of forage and turf grasses, oil seeds, clover, cover crops, cereals and maize. As well as the headquarters in Lippstadt, the company has various operating sites, seed breeding stations and international subsidiaries. Working as a 'one-stop shop', DSV is a full-service supplier in the seed sector. All areas form part of the quality assurance system IQ (Integrated Quality) which ensures high standards.



Innovations that help you grow

For over 90 years, Deutsche Saatveredelung AG has been offering customers innovative seed products from our own breeding stations which meet the highest quality standards. Our pioneering achievements in plant breeding are always underpinned by sound scientific research. Our work is focused on the development of new plant varieties and advanced seed technologies to create successful production systems that are both cost-effective and environmentally friendly.

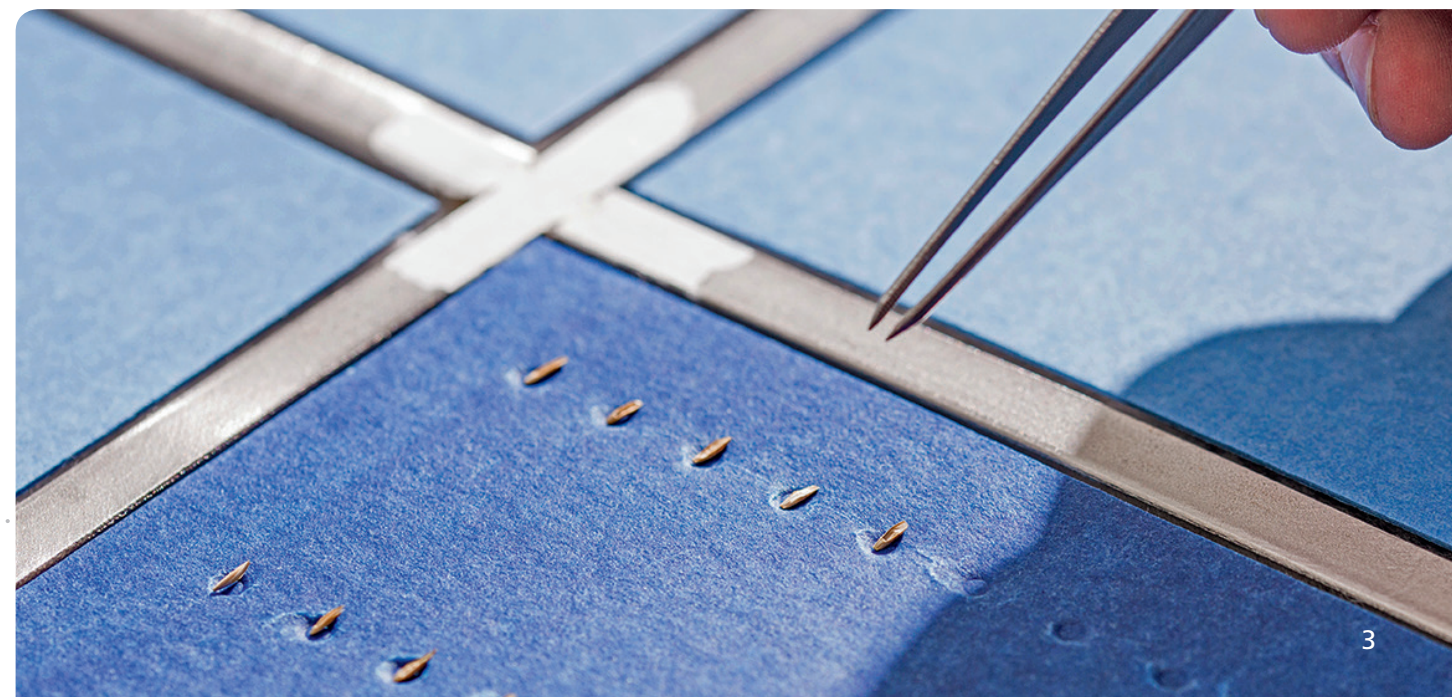
Cutting-edge seed technology straight from the breeder

We have been conducting ground-breaking research in the complex field of seed technology for many years with the aim of fully exploiting the superior genetic potential of DSV seed products in different environments. As breeders, we understand the needs of farmers and use this knowledge to drive the development of new methods and treatments. The latest results from our lab based research and field trials show that targeted measures can improve starting conditions for seed and boost their profitability.

DynaSeed for greater success

DynaSeed is our innovative seed treatment programme which is designed to add momentum to the development processes of plants. The programme offers a wide range of methods and additives, which are constantly evolving. These include improvements that make the seeds easier to drill and boost germination or improve root growth.

- 6 **DynaSeed Power**
- 8 **DynaSeed Plus**
- 9 **DynaSeed LegumeMaxx**
- 10 **DSV TurfPearls®**

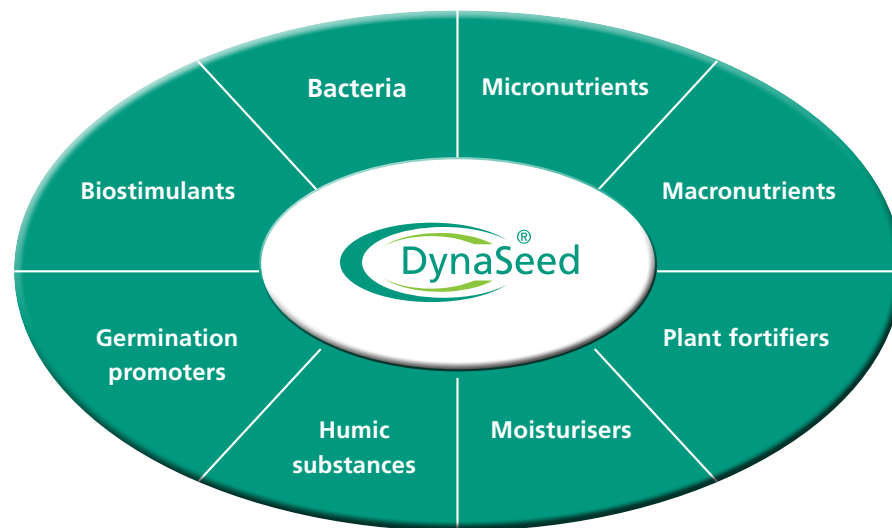


How DynaSeed works

We set ourselves the goal of optimising the quality of our seed by making intelligent use of innovative technology. DynaSeed is the result of years of research, practical tests and field trials. A formula is only granted the prestigious 'DynaSeed' label if a genuine added value results in more successful cultivation.

- Greater research effort
- Significant results
- Visible effects

DynaSeed applications



Our formulations comply with the highest organic standards of the European Regulation on Organic Food and Farming (EU) 834/2007 and are tested and approved by the German Research Institute of Organic Agriculture (FiBL).



Dr. Ulf Feuerstein
Head of Seed Technology, DSV

“As breeders, producers and distributors, we have a very solid base for developing innovative seed technologies. We use progressive research and measurement methods to create ground-breaking seed treatment systems which have been proven to boost results. Only cutting-edge technology which provides our customers with significant added value deserves the name ‘DynaSeed’.”





Sebastian Breuing
Head Greenkeeper at
Weser Football Stadium
in Bremen, Germany

"DynaSeed Power has exceeded all my expectations. Our new Under 23 stadium was in tiptop condition in next to no time. The turf grass was very quick to establish and looks extremely healthy. Seed technology is the future of professional greenkeeping!"



Day 12: What a result!

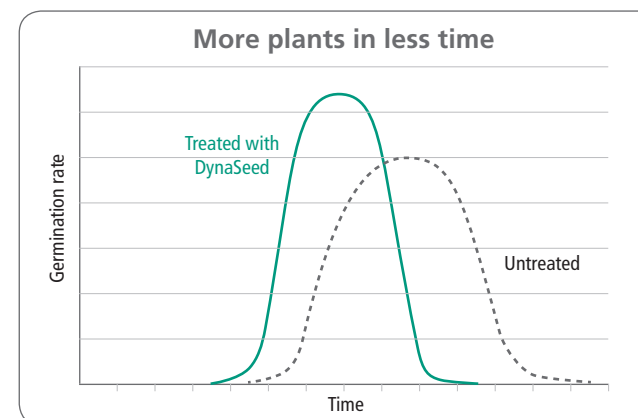
DynaSeed Power

Seed technology

Premium water-retaining coating with active biostimulants protects the seed and improves germination conditions.

Effect

Supports seed germination and plant growth.



Added value

- **More reliable emergence under changing environmental conditions**
Higher germination rate, faster germination
- **Faster establishment**
Vigorous early growth, rapid canopy closure, healthy crop
- **More vitality**
Increased resistance to biotic and abiotic factors such as soil conditions, water and nutrient availability, temperature and disease pressure

Use

Grasses and turf mixtures

Untreated

Treated with DynaSeed



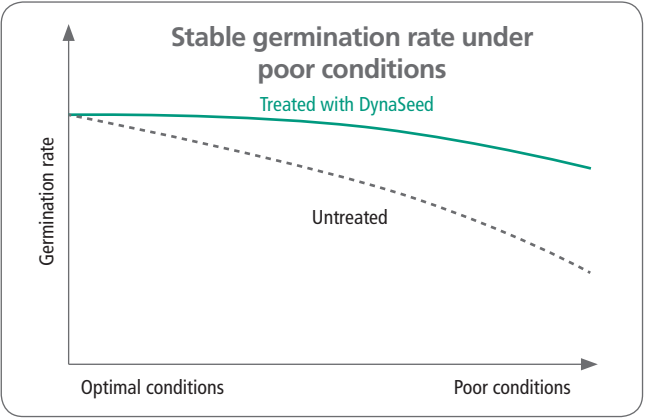
DynaSeed Plus

Seed technology

Seed pellet with integrated plant additives and active substances

Effect

Reliable germination under changing environmental conditions

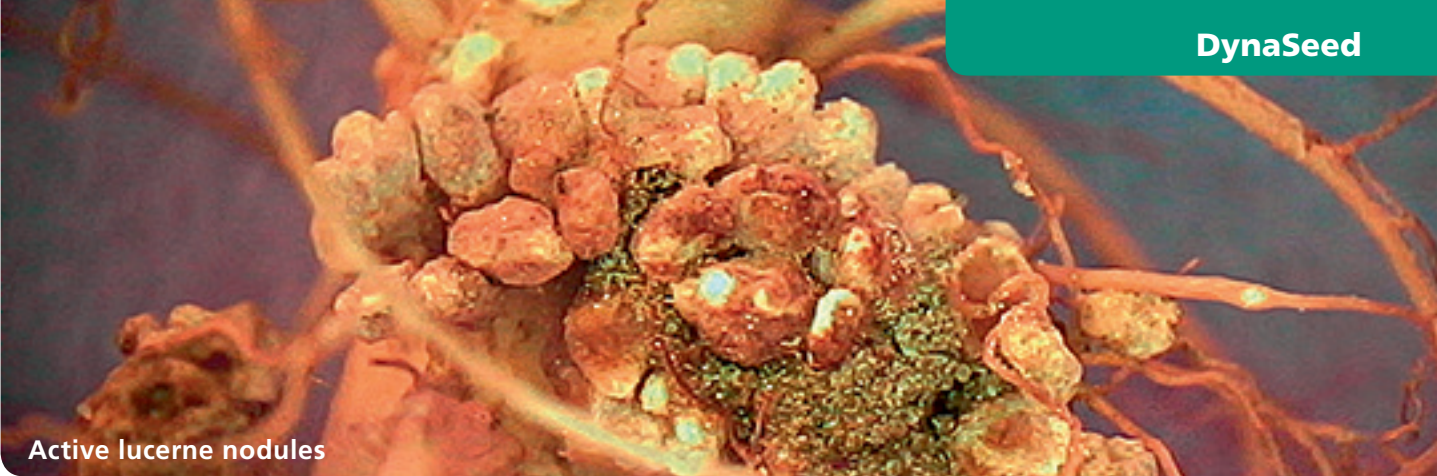


Added value

- Consistent and reliable germination
- Reliable emergence
- Health and vigour

Use

Grasses, turf mixtures and other crops



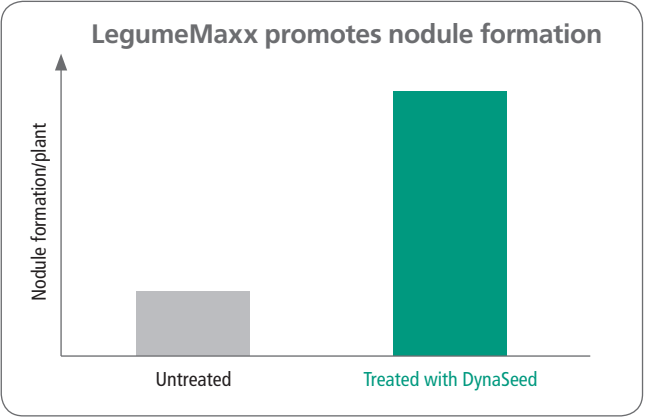
DynaSeed LegumeMaxx

Seed technology

DynaSeed LegumeMaxx is an innovative seed processing for alfalfa and clovers. Specially selected bacteria (rhizobia) are embedded in a tailored combination of nutrients.

Effect

The carefully selected formulation stimulates the growth of the first root hairs even during germination and encourages symbiosis between rhizobia and legumes.



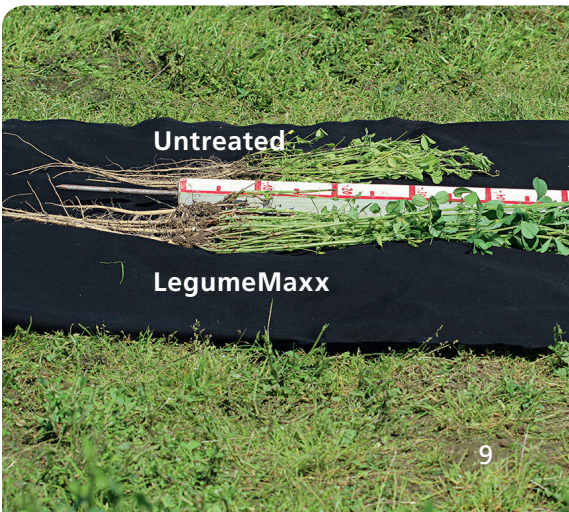
Added value

- Faster establishment and increased vigour
- Increased nitrogen fixation by rhizobia
- Improved root penetration and persistence

Use

DynaSeed LegumeMaxx T – for clover (Trifolium species)

DynaSeed LegumeMaxx M – for alfalfa (Medicago species)



An exciting innovation for the turf seed market:

DSV TurfPearls®

Easy to use, reliable results

DSV TurfPearls® ease the turf seeding and ensure more consistent results. The seeds won't blow away in the wind or be eaten by birds and rodents, nor do they require careful placement in the soil. Unlike other products made from substrate, seed and fertiliser, each grain of seed is individually encased in a pellet of active substances designed to improve germination and encourage rapid growth. DSV TurfPearls® are suitable for overseeding and 'repair mixtures'.

Seed technology

Special water-retaining 'pearls'

Effect

More reliable germination and extremely simple application

Added value

- Ease-of-use
- Reliable emergence
- 30 % improvement in germination rate

Use

Turf grasses





Deutsche Saatveredelung AG

Weissenburger Straße 5
59557 Lippstadt | Germany

Fon +49 2941 296 0
Fax +49 2941 296 100
info@dsv-seeds.com
www.dsv-seeds.com