

Drilling Equipment

iSeed® can be used in any standard grass seed drill, however care should be taken to clean the drill after use as iSeed® is hygroscopic and will attract moisture.



Drill Calibration

The recommended seed rate for iSeed® is double that of normal, untreated seed to allow for the additional weight of the fertiliser and coatings. With iSeed®, despite its greater density the drill settings usually need very little alteration from those used for normal rates of untreated seed. Drill types however vary greatly and to ensure full accuracy some adjustment will always be required when converting to iSeed®.



Dedication to bring out the very best in seed

iSeed® is fertiliser coated grass seed that offers a number of benefits, including faster establishment and a denser sward.

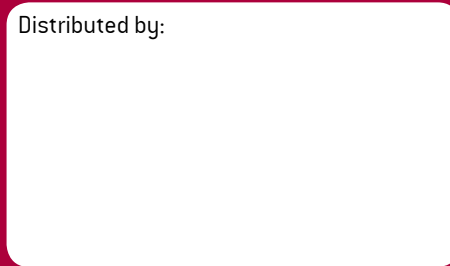
- iSeed® ensures efficient nutrient utilisation.
- iSeed® results in a higher forage yield.
- iSeed® saves you time and money.

This brochure explains the benefits of iSeed® and the research behind it.

DLF-TRIFOLIUM focuses on offering you the best products possible. We achieve this through a continuous process of research and development. iSeed® for grass is exclusively marketed by DLF-TRIFOLIUM.

iSeed® technology is subject to patents and patent application by Yara International ASA. iSeed® is a registered trademark by Yara.

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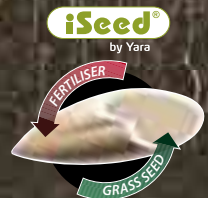
iSeed®
Nutrient Seed Coating
for Forage Grasses



Intelligent Solution

+ 50% Vigour

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What is iSeed®?

iSeed® is a fertiliser coated grass seed which enhances the vigour of the emerging seedling. iSeed® is made up of 50% grass seed and 50% fertiliser (10% N, 2% P [4.6% P2O5]) and other coating components.

iSeed® Benefits

• Improved Establishment Vigour

With iSeed® up to 50% improvement in plant vigour can be observed during establishment. A clear benefit in the successful creation of a dense, high quality and long lasting sward.

• Higher Yield

With iSeed® 5–15% more dry matter can be expected in the first cuts following establishment which equates to around 1 tonne extra dry matter per Ha.

• Improved Fertiliser Efficiency

With iSeed® the uptake of nutrients is up to 4 times more efficient than standard seedbed fertiliser which maximises the economic benefit whilst minimising the impact on the environment.

• Ease of Application

With iSeed® the sowing can be carried out using any standard grass seed drill, therefore no additional investment in specialist equipment is required.



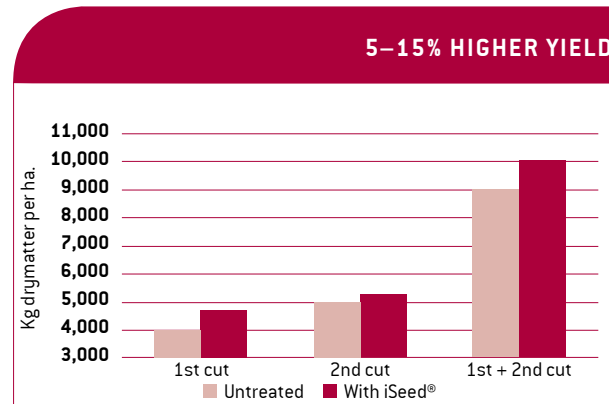
50% Improvement in Establishment Vigour with iSeed®

Results from DLF-TRIFOLIUM trial, confirm that iSeed® can have outstanding effects on the successful establishment of a new sward.

Trials with Italian Ryegrass sown in autumn showed a 50% improvement in plant vigour from iSeed® after only 3 weeks.

5–15% Higher Yield with iSeed®

In the same trial, the benefits continued to be seen the following year with significantly improved yields from iSeed®.



Yield of dry matter 1st and 2nd cut, average of 3 ryegrasses. Development trials, DLF-TRIFOLIUM, France 2009



One year after seeding iSeed® Perennial Ryegrass (right), the effect is still clear: Better water and nutrient supply = less rust and higher production

Improved success with iSeed®

Overseeding existing grassland to maintain and improve productivity is widely practiced and results can be dramatically improved when using iSeed®.

Additional benefits of iSeed® for overseeding

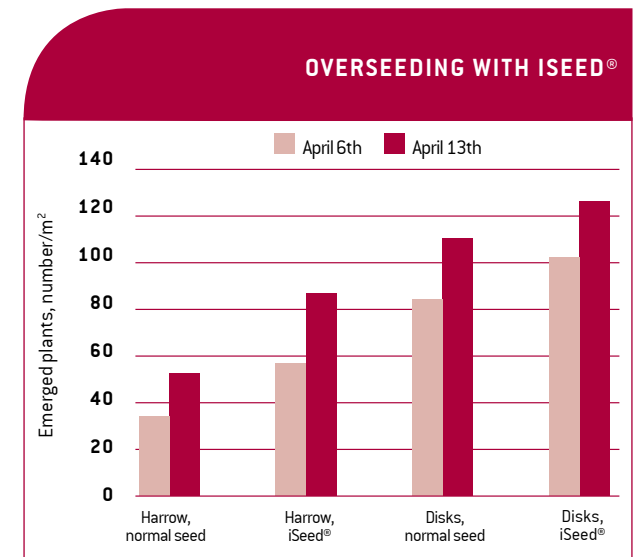
• Feeds the Seedling not the Surrounding Grass

Helps to reduce competition from the existing sward and boosts the vigour of the emerging seedling leading to significantly improved establishment.

• Improved Soil Contact

When broadcast, the greater density of iSeed® results in better seed to soil contact leading to improved establishment.

Results show that up to 70% more plants can be established when using iSeed® instead of untreated seed when using a conventional overseeding harrow.



Number of new emerged plants/m² by overseeding in Perennial Ryegrass March 17th 2010. Number of plants was counted April 6th and 13th 2010. A grassland harrow with seeding equipment and Vredo diskdirect driller were used in this trial. Trials in Holland, DLF-TRIFOLIUM.