

iSeed® Sowing advice



ISeed®: FEEDS THE SEEDS! NOT THE WEEDS!

- **Improved overseeding results, guaranteed!** (30% more plants, 30% longer roots)
- **Targeted nutrient application** (Feeding the seed, not the weeds)
- **Reduced Poa annua levels**
- **Environmentally friendly** (reduced losses of fertilizer to the environment)
- **Labour saving and cost effective**

iSeed® storage and preparations for sowing

The fertilizers in the coating make the product slightly hygroscopic.

Prevent exposure to water:

- Store under dry and cool conditions
- Keep bags closed and keep the pallet wrapped until you are going to use the seed
- Do NOT soak or pregerminate before sowing.

Recommended drills and set up

For 2011 the iSeed® formulation has been made smoother. Flow ability in the seed hopper is improved.

Due to the nature of the product, iSeed® is still not the same as bare seed. The coating materials make the product heavier than bare seed. As a consequence the behavior in the sowing machine may be different. The iSeed® product was tested, and approved, by many of the main manufacturers of sowing machines.

The following brands have been tested extensively.

Detailed information can be found on:

For Forage : www.DLF.com/forage/Technical_info/iSeed.aspx

For Turf : www.DLF.com/Turf/Technical_info/iSeed.aspx

- Accord
- Einböck
- Mareo
- Moore
- Vredo

In addition Fiona and Blec have been cleared.

Manufacturers have tested iSeed® on their newest models only. Older models may not be suited for sowing iSeed®. Therefore always follow the guidelines on the back side of this page, even when your machine is one of the brands mentioned above.

Feed per seed

iSeed® is a nutrient seed coating that consists of 50% seeds and 50% coating materials. The coating consists of a combination of fast acting and slow release fertilizers. Per 200 kgs of iSeed® product (100 kgs of bare seeds), 20 kg N and 4 kg P are applied to a field. As the fertilizer is coated onto the seeds, the germinating and developing seedling will gain the greatest benefit from it, whilst more distant weeds will not.

- The nitrogen and phosphate in iSeed® are up to four times more efficient compared to broadcast applied ordinary fertilizers. Effectively the amounts applied in the above example would then become 80 kgs of N and 16 kgs of P per hectare.

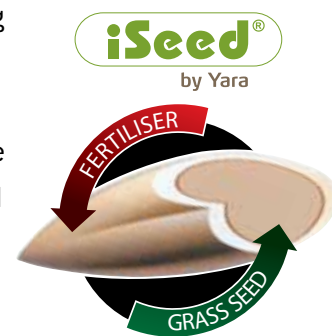
- By applying iSeed®, the fertilizer is in the right place at the right time. In addition, by increasing the weight the coating ensures a better seed-soil contact.

- The fertilizers in iSeed® are sufficient for the first three to six weeks after sowing.



Set up directions:

- Calibrate your sowing machine before use, starting with a small quantity (one bag) of iSeed® in the hopper. Increase the quantity in the hopper in steps. Do not overload the hopper as this could impair product flow.
- Fill the hopper in the field, thus preventing compaction of the product in the hopper during transport.
- Sowing machines containing brushes in the hopper should **NOT** be used. The brushes can damage the iSeed® and eventually the machine can become blocked! Examples of these are Vredo overseeders, manufactured in the 1980s.
- Some sowing machines have synthetic parts in the drive sections (cogwheels). Especially older machines and/or when heavily loaded you risk damage to these synthetic parts because of the additional force put on them. Example is Vredo manufactured before 2010.
- Redexim / Charterhouse overseeders have rubber rolls for seed distribution at the bottom of the hopper. iSeed® particles may get stuck between the roll and the metal bottom plate. This may block one or more of the tubes. (Redexim is developing a new roll that will solve the problem, and at the same time will increase the possibilities for increased sowing rates.)
- Sowing machines especially designed for overseeding meadows may have difficulties in delivering the forces needed to set stirrer and/or cogwheels in motion. Examples of such machines are Stegsted and Köckerling with Amazone-seed hopper.



With iSeed®

Without iSeed®

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