

## Hybrid Spinach Seed Yield Optimisation



Parental lines can have a difference in the growing speed and flowering time, resulting in with bad nicking and low seed yields. Difficult to produce hybrids at high cost as outcome.

Germain's Seed Technology has developed a three component technology called **emergisverno** which will help combat this serious and costly issue.

**emergisverno** offers the following:

- Disinfection to reduce the disease levels on the seeds
- Priming to enhance germination
- Earlier bolting / flowering

Untreated



Serious issues are seen in the production of, potentially very promising hybrids, due to different growing speeds and speed of flowering of the male and female parent. Breeders want to combine the positive characteristics from parental that do not flower at the same time. Germain's can offer treatments to combine the strong parental lines.



2 different types of **emergisverno** treatment



Different methods are not always successful or consistent, however Germain's have developed a seed treatment to advance flowering. Field trials have proven that Germain's method works well for a range of genetics over several seasons. Testing of the lines is necessary for 'unknown lines' to fine tune the treatment to the genetics.

New lines are treated with different protocols and evaluated in field trials with the customer to select the most effective treatment for each parent. For optimum results, Germain's treatment is always combined with disinfection and priming to reach the optimum result.

Contact Ab Aarnoudse for Technical advice  
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