

Clean sugar beets – from Maribo Seed

Focus on sustainable development



www.mariboseed.com

After more than 15 years' research and development Maribo Seed has today a selection of sugar beet varieties, which compared to previous varieties have to a great extent reduced the soil adhering.

Several years ago Maribo Seed decided to focus on changing the shape of the sugar beet. Our aim was to develop a sugar beet, which is rounder and smoother and with a minimal root groove, in order to reduce the soil adhering.



Seed of superb quality



Reduced soil adhering has more advantages



The sugar beets can be handled more carefully when lifted, cleaned and loaded, and thus reducing the loss of sugar yield to a minimum.



Transportation costs can be reduced, as the grower has to transport less soil to the factory. During the campaign millions of tonnes of soil are transported on the roads in Europe.



The cleaning costs in the factory will go down, and at the same round and smooth beets will reduce the risk of having soil and stones, which are left in the beet groove after washing, brought into the factory. Also, the wear on knives will be reduced and the pulp quality will increase.



After cleaning the beets in the factory the costs of depositing the soil will also be reduced.



All in all heavy amounts of water and energy will be saved.





Close contacts to growers and the sugar industry

Historically speaking Maribo Seed has always had a close contact to growers and the sugar industry. The Danish Sugar Factories established The Trial Station Maribo – the present Maribo Seed. Through the years Maribo Seed has constantly focused on the need of the growers and the industry:

- ➔ Highest possible yield
- ➔ Highest possible sugar content
- ➔ Best possible beet quality
- ➔ The lowest possible costs from sowing in the field to storing in the factory

Naturally, also development of sugar beet varieties, which are as smooth and clean as possible, is included in this process.

Most growers know the challenge to harvest during rather bad weather conditions. Thus, the importance of sowing smooth shaped sugar beets is very significant, as the beets are more easily lifted and cleaned before loading to the factories.

When you choose Maribo Seed sugar beets you will be sure to sow varieties belonging to the Clean Beet group - sugar beets especially developed with a smooth shape and very few grooves.





Measurement

In order to select the best clean sugar beets Maribo Seed has designed new methods for precise measurement of the soil tare and the beet shape. In our analysis laboratory, particularly designed for this purpose, visual assessments and measurements are combined to select varieties of the best properties as regards soil tare.

The smoothness of the varieties and visual assessments of the root groove are made based upon a specific score system. Only through careful and thoroughly registration of the sugar beets the best quality and smoothness are secured.

Also in the future Maribo Seed will focus intensively on the development of clean beets with the aim to improve the beet shape for the benefit of growers, industry and environment.

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seed

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