

SEED CATALOG

2025-2026



LANDSORTEN
ORGANIC GRAIN VARIETIES

ORGANIC CEREALS WITH GROWING DEMAND

Landsorten collaborates with organic plant breeders to market grain varieties for organic agriculture.

The varieties combine traits specifically adapted to organic conditions such as limited fertilizer levels and weed competition, with properties that make them well suited for bread and food. Landsorten's varieties are especially in demand among growers and processors with a focus on high quality, health and sustainability.

Landsorten is based in Denmark, but the varieties are used by growers, mills and distilleries in several countries including, Holland, Belgium, England, Sweden and Japan.

Become a member of Landsorten and gain access to all the varieties. Read more on [Landsorten.dk](https://landsorten.dk)



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WINTER WHEAT

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WINTER CROPS

FLOUR POWER

WINTER WHEAT

Population

Bred by: Anders Borgen / Agrologica in 2022

Application: Milling wheat

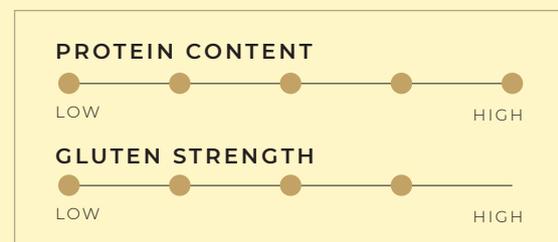
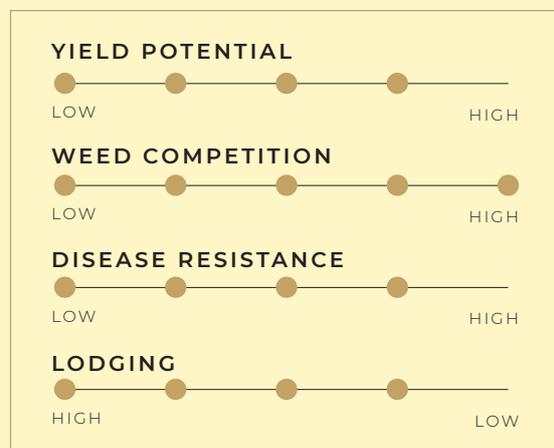


CULTIVATION PROPERTIES

- Robust winter wheat
- Low fertilizer requirements
- Strong weed competition
- Common bunt resistance

APPLICATION PROPERTIES

- Strong baking quality
- High protein content
- Good base flour



Growing organic bread wheat is challenging - partly because many farmers don't have enough fertilizer available to achieve milling quality in winter wheat, and partly because spring wheat has massive problems the gout fly.

With Flour Power we want to address these challenges. A robust winter wheat population with significantly higher protein content than regular

winter and a lower fertilizer requirement. Flour power is composed of tall and healthy plants that provide strong weed competition, a high straw yield and great baking quality. The maximum yield potential is slightly lower than regular winter wheat, but the probability of achieving sufficient protein content for milling wheat is significantly increased – even at lower fertilizer rates.

VIOLA

WINTER WHEAT, PURPLE

Population

Bred by: Anders Borgen / Agrologica in 2015

Application: Milling wheat

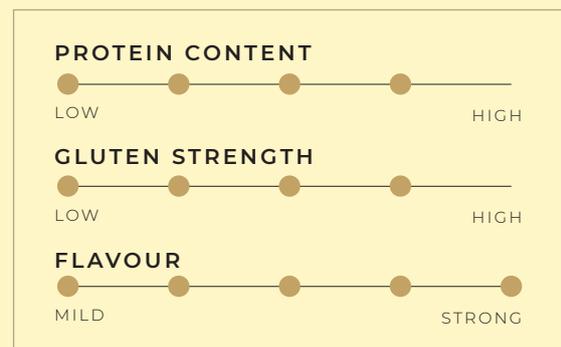
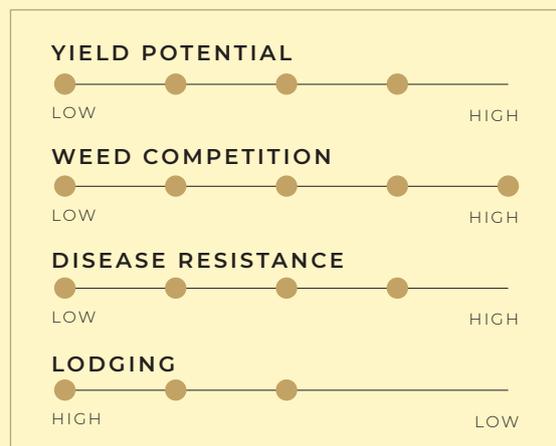


CULTIVATION PROPERTIES

- Reliable crop
- Low fertilizer requirements
- Strong weed competition
- Common bunt resistance

APPLICATION PROPERTIES

- Distinctive colour and taste
- Good baking quality
- Large kernels suitable as whole grains in food and bread
- Contains antioxidants



Landsorten also has a spring variety of purple wheat.



HIMMELBLÅ

WINTER WHEAT, BLUE

Population

Bred by: Anders Borgen / Agrologica in 2020

Application: Milling wheat

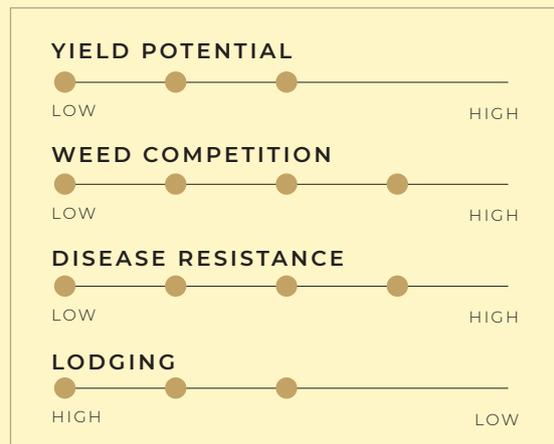


CULTIVATION PROPERTIES

- Low fertilizer requirements
- Strong weed competition
- Common bunt resistance

APPLICATION PROPERTIES

- Distinctive colour and taste
- Good baking quality
- Large kernels suitable as whole grains in food and bread
- Contains antioxidants



Landsorten also has a spring variety of blue wheat.



POPKORN

WINTER WHEAT

Population

Bred by: Anders Borgen / Agrologica i 2015

Application: Milling wheat

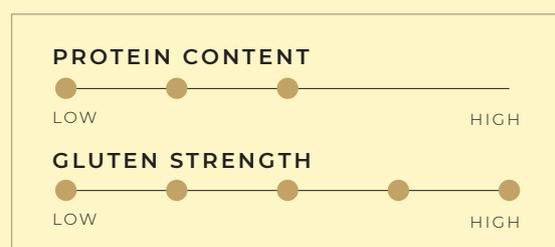
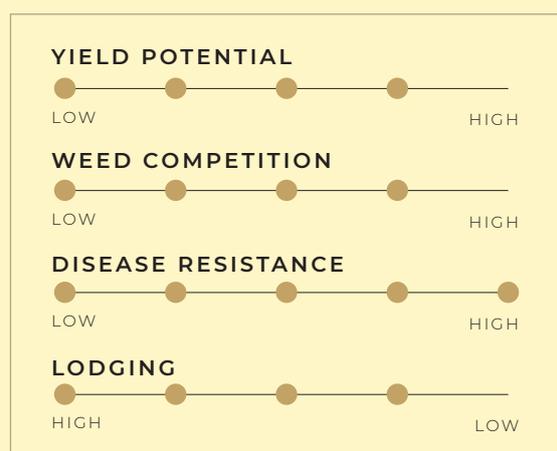


CULTIVATION PROPERTIES

- Strong plant health
- Very strong resistance to common bunt
- Requires a significant amount of fertilizer to achieve bread quality

APPLICATION PROPERTIES

- Good baking quality
- Tight gluten structure
- Good base flour
-



PopKorn is a robust crop with high plant health, good weed competition, a really strong resistance to common bunt and a very nice baking quality. The protein content is slightly lower

that in Flour Power, but the yield potential is equally higher. That makes PopKorn well fit for growers with access to substantial amounts of fertilizer to secure sufficient protein content.

GURLI

WINTER WHEAT

Population

Bred by: Anders Borgen / Agrologica in 2025

Application: Fodder

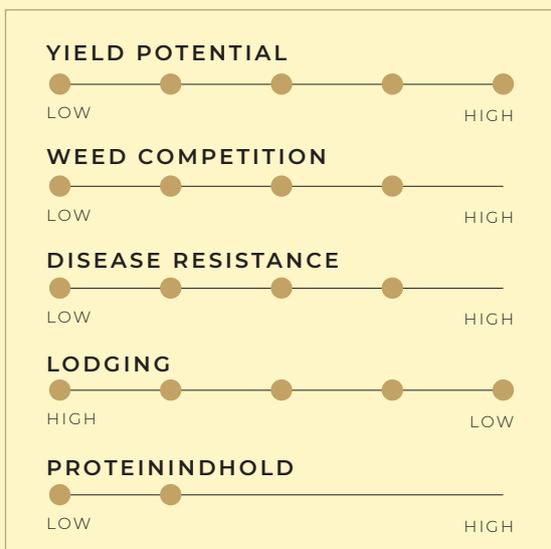


CULTIVATION PROPERTIES

- High yielding
- Suitable at limited fertilizer levels
- Good weed competition
- Common bunt resistance

APPLICATION PROPERTIES

- Gurli is selected specifically to be high yielding in organic/low input plant production.



Gurli is primarily meant for fodder production, but at sufficient fertilizer levels it has a good baking quality.

MISS MILD

WINTER SPELT

Homogeneous

Bred by: Anders Borgen / Agrologica in 2015

Application: Milling spelt

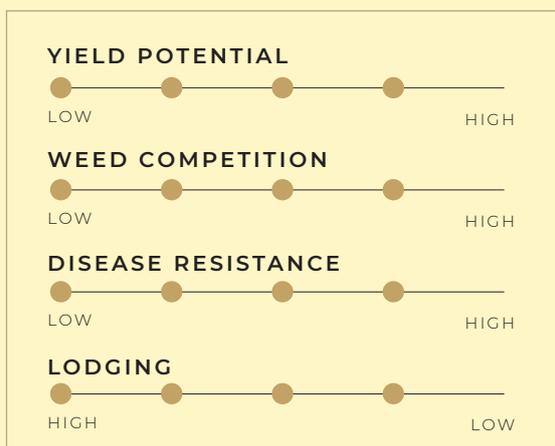


CULTIVATION PROPERTIES

- High yielding spelt
- Strong weed competition
- Early maturity
- Susceptible to common bunt

APPLICATION PROPERTIES

- Nice characteristic spelt taste
- Low content of allergens (fructan og expansin)



Miss Mild should be grown as a winter spelt, but can also be grown as spring spelt.

BORRIS

WINTER RYE

Homogeneous

Bred by: Borris Forsøgsstation in 1949

Application: Milling rye

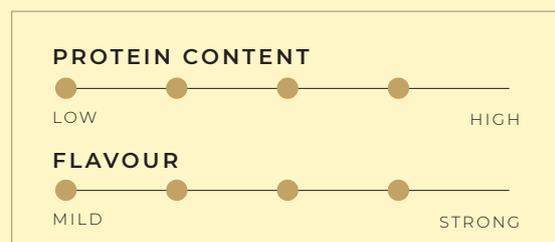
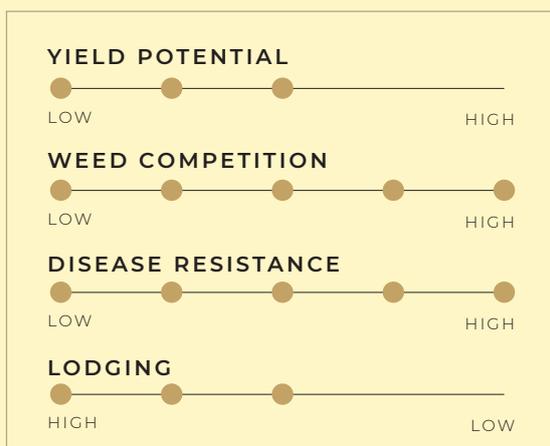


CULTIVATION PROPERTIES

- Unbeatable weed competition
- High pollen production – low risk of ergot
- Very low fertilizer requirements

APPLICATION PROPERTIES

- Suitable for both bread and whole grains
- Distinctive flavour
 - Bread: Rich, toasted, savoury, kokumi and umami
 - Whole grains: Sweet, malty, slightly bitter, savoury and umami



Originally bred at Borris Forsøgsstation (western Denmark) in 1949 and later propagated from the Nordic Genebank by Dennis Christensen and Anders Borgen.

Borris was specially selected for its ability to produce bread quality on sandy soils but can also be grown on better soils at low fertilizer levels. It is especially fit for low input production.



SPRING CROPS

MARIAGERTOBA

SPRING WHEAT

Population

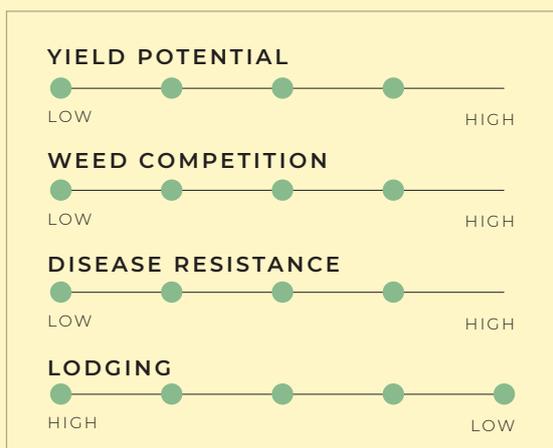
Bred by: Anders Borgen / Agrologica in 2020

Application: Milling wheat



CULTIVATION PROPERTIES

- Robust spring wheat
- Good weed competition
- Common bunt resistance
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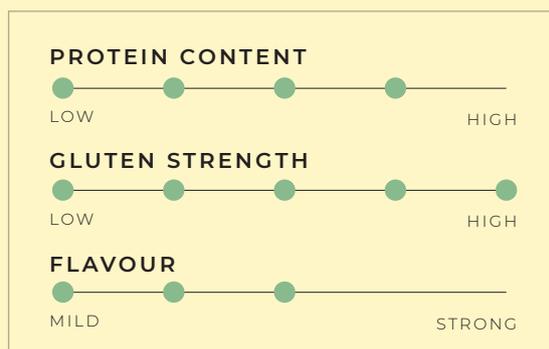


Mariagertoba is bred as a spring wheat, but it can also be sown in autumn/winter in danish conditions.

A new version of Mariagertoba is available in limited quantities for the 2026 season. It develops faster in the field

APPLICATION PROPERTIES

- Superb baking quality
- High protein content
- Tight gluten structure
- Good base flour



is therefore less susceptible to the gout fly larvae.

The new Mariagertoba is therefore particularly well suited for spring sowing, and of course still has the same strong baking quality.

AMY

SPRING WHEAT

Homogeneous

Bred by: Svalöf in 1970

Application: Milling wheat

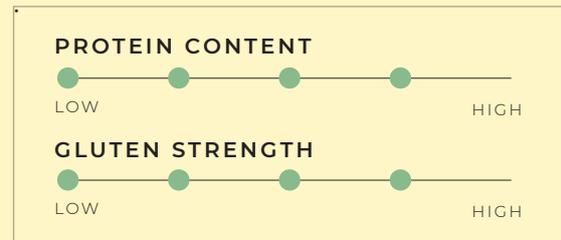
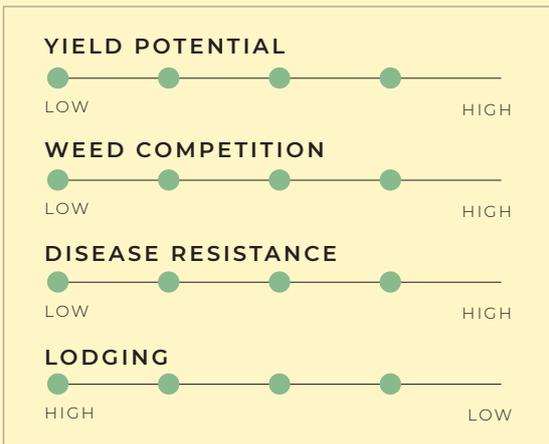


CULTIVATION PROPERTIES

- Reliable crop
- Good weed competition

APPLICATION PROPERTIES

- Good baking quality
- High protein content
- Good base flour



Older Swedish spring wheat originally bred for milling wheat. In the 1970's, Amy won an award for best baking quality in Sweden. It has been revived from gene bank material by Anders

Borgen and in 2022 was nominated for the award of the year at chefs competition Sol Over Gudhjem. It is well fit for organic production.

SUNSHINE WHEAT

SPRING WHEAT

Homogeneous

Bred by: Anders Borgen / Agrologica in 2022

Application: Milling wheat

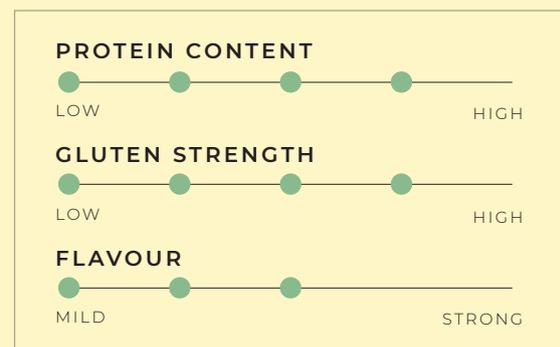
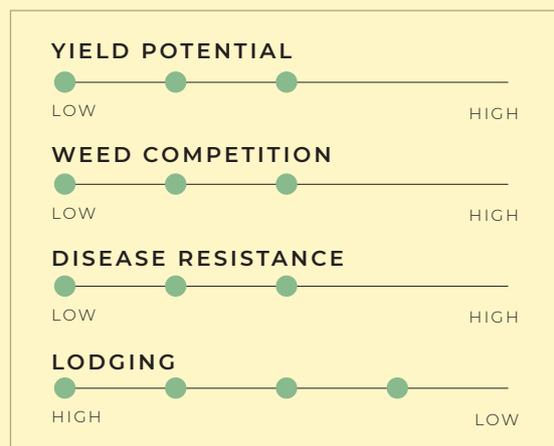


CULTIVATION PROPERTIES

- Low fertilizer requirements
- Works in organic cultivation but should be selected for its consumption properties
- Slightly sensitive to low falling number

APPLICATION PROPERTIES

- Good baking quality
- Adds yellow colour to flour and bread
- Contains antioxidants
- Beautiful crystal-like kernels



Sunshine wheat has a yellow endosperm that gives flour and bread a yellow colour. In addition, it also has a white husk, which gives a milder flavour in wholemeal and stone ground flour.



TALIKO

NAKED OATS

Homogeneous

Bred by: Cultivari in 2018

Application: Rolled oats, whole grains, fodder

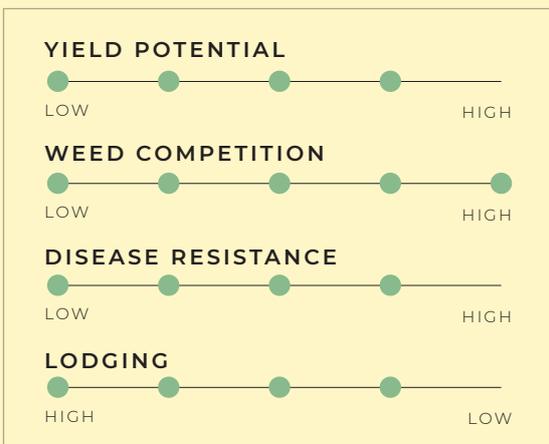


CULTIVATION PROPERTIES

- Robust crop
- Good weed competition
- Low fertilizer requirements

APPLICATION PROPERTIES

- Does not need to be dehulled



Taliko is 99 % free threshing but often requires some cleaning after harvest to remove the last hulled seeds.



OMEGA

SPRING OATS

Population

Bred by: Anders Borgen / Agrologica in 2018

Application: Rolled oats, oat milk, fodder

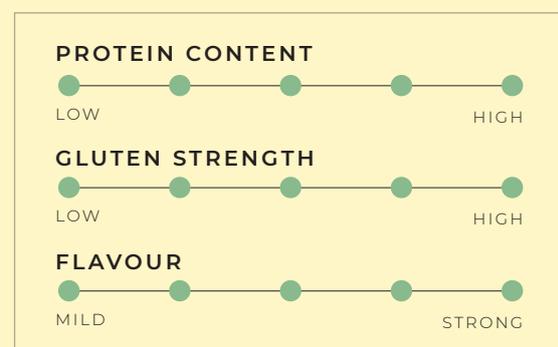
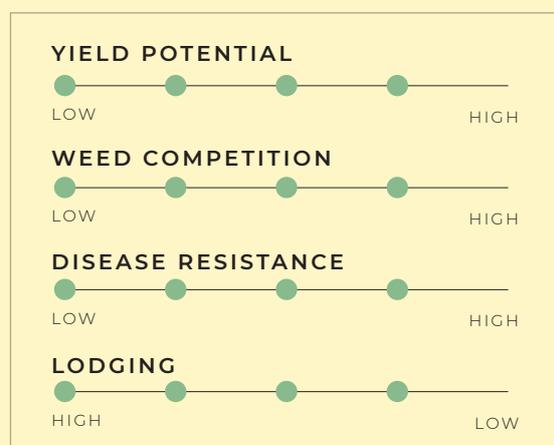


CULTIVATION PROPERTIES

- Robust crop
- Good weed competition
- Low fertilizer requirements

APPLICATION PROPERTIES

- High fat content, often >10 %
- High protein content
- High in omega-3 fatty acids
- Distinctive flavour



Robust crop with interesting traits for consumption, e.g. extra delicious oat-meal or oat milk.

WUNDER BARLEY

SPRING BARLEY

Homogeneous

Bred by: Cultivari in 2025

Application: Malt, fodder

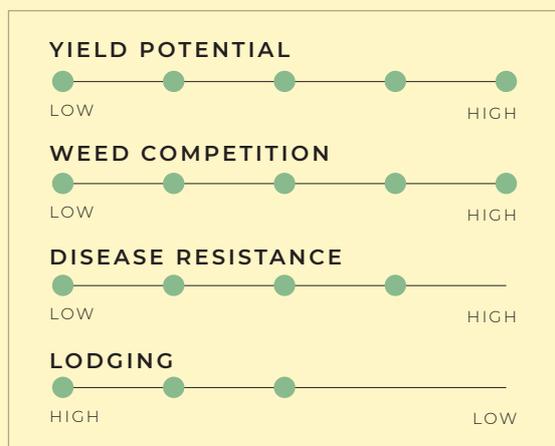


CULTIVATION PROPERTIES

- Very strong weed competition
- High yielding
- Low fertilizer requirements
- High straw yield

APPLICATION PROPERTIES

- Good malt quality



Competitive and high-yielding organically bred barley variety for malt or fodder. Tolerates normal fertilizer levels

well and can also cope with less. Can have a tendency to lodging at high fertilizer levels.

ORGANIC PLANT BREEDING



All Landsorten varieties and populations are developed by organic plant breeders. This means that the varieties are tested and selected under conditions that are as representative of organic farming practices as possible. Conditions such as weed competition and limited fertilizer levels are often limiting factors in organic production and traits adapted to these conditions are therefore highly prioritized in organic plant breeding.

POPULATIONS

A large part of Landsorten's assortment consist of populations. The populations are composed of a number of genetically diverse breeding lines, each selected for their properties for cultivation and consumption. This results in a robust crop that often performs better than homogeneous varieties under varying climate conditions and the growing conditions of organic/regenerative/low-input farming.

HERITAGE VARIETIES

A smaller part of Landsorten's assortment consist of heritage varieties. They are collected from genebanks and grain collections all over the world and propagated and selected by Landsorten's organic plant breeders – mainly Anders Borgen / Agrológica.

CONTACT US

If your have any questions about varities, cultivation, buying seeds etc. you are always welcome to contact the seed team.

SEED TEAM

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We have many more special varieties in our assortment.
Read more at [Landsorten.dk](https://landsorten.dk) or contact the seed team.

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