

A background image of a dense field of hemp plants, showing tall stalks with developing flower buds, overlaid with a semi-transparent dark green filter.

# LOJA

**hemp variety**



## About

“Loja” is a short, early maturing, dioecious auto-flowering hemp variety, that was developed in Latvia for hemp seed grain production.

Variety included in European plant variety catalogue since 2021.

# Plant characteristics

- The variety is early maturing. Maturing time 110 – 115 days from sowing. Data based on Latvia 57° N.
- Hemp plants are short, depending on the year and soil conditions their length varies from 140 to 200 cm.
- THC content in the plants is absent or very low (in field trials ranged from 0.011-0.017%).
- Seed yield 1.0-2.0 t/ha (depending on growing conditions).

Data for description based on VCU (LV) test results and data and **INSTITUTE OF AGRICULTURAL RESOURCES AND ECONOMICS** scientific research data were used to describe the variety.

# Seed quality

- Seed colour - brown, seed marbling - weak.
- Weight of 1000 seeds - medium: varied between 13 - 15 g.
- Seed size is suitable for hulling process.
- Oil content in the seeds: 33 - 36 %.
- Protein content in the seeds: 24 - 25 %.

# Cultivation

Suitable for integrated cultivation in conventional farms as well as in organic farms.

An optimal plant density should be achieved for grain production by sowing 250 germinable seeds per 1 m<sup>2</sup>. It's around 35 Kg/Ha.

For best results, sow Loja in warm, moist, well-drained soils that are rich in organic matter with high nutrient availability. Well-drained, sandy loams are the most appropriate. Clay, heavy, compacted soils and low, wet areas should be avoided. Fertilize like any other variety of hemp seed.

Optimal pH of the soil near 6.5.

# Harvesting

If sowing mid-May, then harvesting time mid-September. Data based on Latvia 57 North.

Data for description based on VCU (LV) test results as well as scientific research data of the Institute of Data for description based on VCU (LV) test results as well as scientific research data of the Institute of **Agricultural Resources and Economics (LV)**.



Would you like to talk  
to us about cultivation  
and distribution?



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**Talk to you soon!**