

ACYL-HOMOSERINE-LACTONE AS NEW ENVIRONMENT FRIENDLY EFFECTIVE PREPARATION FOR RAISING THE CROP YIELD RATE AND STRESS RESISTANCE



Effect of priming on wintering of *Triticum aestivum* L.
Yatran 60 variety: the plants grown from unprimed seeds



Effect of priming on wintering of *Triticum aestivum* L.
Yatran 60 variety: the plants grown from seeds treated
by priming method with the use of AHL

Areas of Application

Agricultural production, pre-sowing treatment for raising the crop yield rate and stress resistance

Specification

New class of mediator molecules of bacterial origin; the preparation based on them is a powder; for priming the seeds it is used in the form of aqueous solution

Advantages

The preparation has no counterparts in the national and world agriculture. Its constituents have a natural origin. The preparation is environment friendly and safe for human health. The use of AHL for pre-sowing treatment of seeds based on priming method is much more effective than the treatment with chemicals

Stage of Development. Suggestions for Commercialization

IRL4, TRL3
Chemical synthesis of preparation and seeds priming are provided upon customer's request

IPR Protection

IPR2

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