



SVETLANA A NEW VARIETY OF *LAVANDULA ANGUSTIFOLIA* MILL. (LAVENDER)

PATENT APPLICATION OR : v 2021 0007/ 2021.02.22

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APPLICATION FIELDS: Agriculture – Horticulture – Gardening

AIM: Creation of a new variety of *Lavandula angustifolia* Mill. with high quality essential oil content

SOLUTION: The invention relates to the branch of agriculture



Lavender variety Svetlana is a first-generation hybrid (F_1), with a high heterosis effect on a number important quantitative characters, vegetative multiplied with average vegetation period. The Svetlana is a variety resistant to frost and winter, to diseases and drought resistant. Plant height is 68 cm. At the density of 12.5 – 20 thousand plants per hectare is forms up to 854–1500 floral stems per plant.

ADVANTAGES: Production of ram maternal inflorescences -7.7 t/ha. Essential oil content – 2.323 % (60 % humidity) and 5.721% (dry. matter). Productions of essential oil constitute 179.2 kg/ha, efficiency 23.4 kg/t of essential oil per ton of fresh inflorescences.

IMPLEMENTATION STAGE: At the laboratory level.

ACKNOWLEDGMENTS: 20.80009.5107.07 “Reducing the consequences of climate change by creating, implementing varieties of medicinal and aromatic plants drought, frost, winter, disease resistant, which ensures sustainable development of agriculture and guarantees high quality raw material predestined to the perfumery, cosmetics, pharmaceuticals and food industry”, financed by the National Agency for Research and Development”.