

MOLDOVA STATE UNIVERSITY INSTITUTE OF GENETICS, PHYSIOLOGY AND PLANT PROTECTION Scientific Research Laboratory Aromatic Medicine Plants 60, Alexei Mateevici str., MD 2009, Chisinau, Republic of Moldova Tel.: +373 69007510; E-mail: chisniceanl56@gmail.com



HR EXCELLENCE IN RESEARCH

LILY ROZ-new cultivar of the *Thymus x Citriodorus* (PERS.)SREB

PATENT APPLICATION: v2022 0016/2022.06.20

AUTHORS: Lilia CHISNICEAN, Tamara JELEZNEAC, Zinaida VORNICU, Natalia BARANOVA

APPLICATION FIELDS: Agriculture, Horticulture

AIM: Creation of a new aromatic spice variety of Thymus x citiodorus with food and pharmaceutical applications

SOLUTION: A new aromatic spice cultivar was obtened using the controlleted hibridization method



The variety Lily roz is part of the early maturity group. Perenial semi shrab with a hegh – 26.4cm. The diameter of the plant is 64.8cm. Spead with 447.3 infloriscense stems. Tiny green oval leaves 5 – 6mm. Pink flowers – intensely placed in a spicform raceme.

ADVANTAGES: Quality indices: essential oil content 0.326%, (moisture 60%);

1.247% dry matter. Productivity indices: the average production of fresh raw material – 4.26 t/ha, pharmaceutical herba – 1.34 t/ha. Essential oil production – 13.9 kg/ha. Yield: 3.26 kg essential oil per 1 t raw material.

IMPLEMENTATION STAGE: At the laboratory level.

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