

**AGARICUS BLAZEI TÖRZSEK SZELEKTÁLÁSA TERMESZTÉSI
PARAMÉTEREIK ALAPJÁN****GEÖSEL ANDRÁS, SZABÓ ANNA, GYÖRFI JÚLIA**

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ABSTRACT - *Agaricus blazei* cultivars selection based on cultivation parameters

The demand of natural and medicinal products has been increased for the past years. These products are often made from herbal and medicinal plants, and recently the mushroom products are much called. Nearby some well known species (like *Lentinula edodes* or *Ganoderma lucidum*) some not respected biomedicines are available in Hungary. *Agaricus blazei* (MURRILL) is a Basidiomycota fungus, with almond-like taste and not well-known cultivation technologies. This medicinal mushroom proved to be useful in cancer therapy and against some bacterial and viral diseases. In our experiment 8 *Agaricus blazei* cultivars were tested on fermented mushroom compost. The yields, average mushroom size, productivity and biological efficiency of strains were measured. Our data demonstrate that it is possible to get fruit bodies less than 2 months, and strain “837”, “2603” and “MaHe” are suggested for further experiments. These strains gave the highest yield and efficiency in the cultivation.

Kulcsszavak: csiperke, termesztés, mandula, biológiai hatékonyság