

A NAGYÜZEMI MÉHÉSZKEDÉS HAZAI ÉS AMERIKAI EGYESÜLT ÁLLAMOKBELI FELTÉTELEI

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ABSTRACT – Opportunities for large scale beekeeping in Hungary and in the USA

In the last two years I had two major experiences in practical beekeeping. I worked as a trainee from July 2006 to August 2007 in a migrating bee operation, the Honey Land Farms in the US and completed a three month summer practical training in a large non permanent apiary, the Csányi apiaries in Baranya County, Hungary in 2008. Both experience impacted my interest and future studies.

The objective of my paper is to compare the two large scale apiaries according to the following aspects: climatic and geographical circumstances, size and distribution of the bee yards, level of machinery, organization of work and employee, efficiency of production, profile of production, construction and equipment.

The Langstroth bee hive, used in both operations, is discussed in details in respect of applicability for migration and for winterizing. With the yearly continental migrating the Honey Land Farms can cover two honey flow seasons and in the meantime they produce queens and package bees. With permanent beekeeping there is only one big honey flow season in case of the Csányi apiaries. They brought themselves to produce comb honey while the self bred queens insure the strong colonies.

According to my conclusions the climatic, the geographical and economical conditions are determining the production features, such as the continuity or top condition head of colonies and the scale of products.

The paper and my conclusions are based on my practical experiences, and specific data.

Kulcsszavak: méhészet, anyanevelés, nagyüzem, technológia, munkaszervezés

Keywords: beekeeping, queen breeding, large scale, technology, logistic