

The Evaluation of Colony Losses in Turkey and The New Structure of Turkish Beekeeping



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Turkey has 81 cities and in 2003 Turkish Beekeepers Association was founded in 76 of them. All City Beekeepers Associations are managed by Turkish Central Beekeeper's Association. Since 2003, Turkish Agriculture Ministry has given some responsibilities to the Central Turkish Beekeepers Association. Every beekeeper who has at least 50 colonies has to register to their city's Beekeepers Assoc. Being a member of a Beekeepers Assoc. give the beekeepers some advantages.



Advantages:

- Send your honey bee samples to Hacettepe University or Agriculture Administry Apiculture Research Ins. for laboratory analysis (diagnosis diseases or chemical analysis, pollen analysis of honey) (FREE)
- Join lots of seminars or education courses organised by City Bekeeping Assoc.
- Take loan from the Bank without any risk (T.C. Ziraat Bankası) for developing your apiary
- In order to buy Queens for colonies, its half of the price is paid by government.
- Have an insurance automatically for all colonies especially against to transportation accident in Migratory Beekeeping

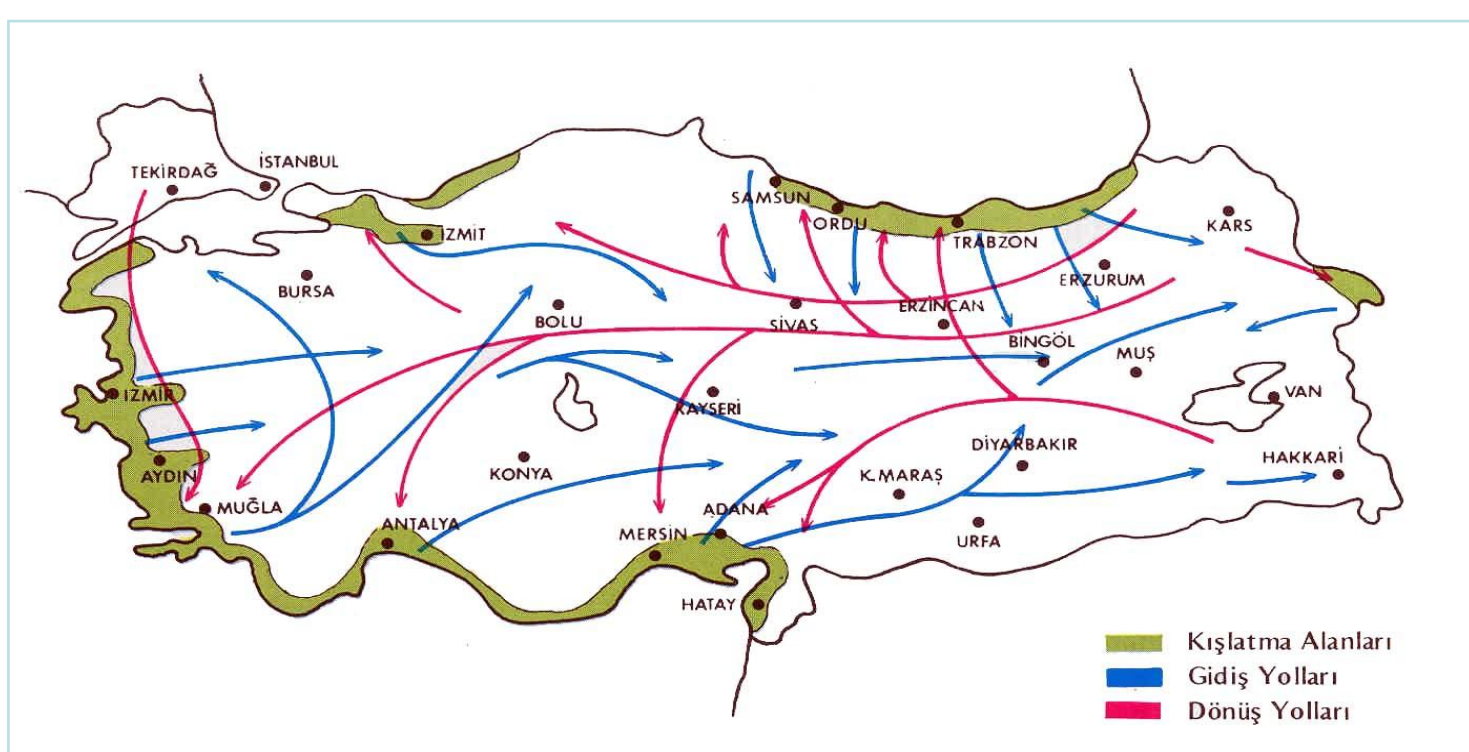
Each member has an ID number for beekeeping and lots of plaque which is equal with their colony number. %92 of beekeepers are registered for now. All beekeepers have plagues contains barcode number for each colonies. Beginning to use barcode system gives a big oppurtunity to follow colonies and honeys from hive to honey jar. Our new aim is entegration of the Honey Bee Health Monitoring System to this registration system.



You have an ID card and beekeeper ID number:
TRCity Code+apiary code+member no.

The Present Situation in Turkey

- %92 of beekeepers are registered for now
- All beekeepers have plagues contains barcode number for each colonies
- Begin to use barcode system gives a big oppurtunity to follow colonies and honeys from hive to honey jar
- New aim is entegration of the Honey Bee Health Monitoring System to this registration system
- 3 million migratory beekeeping colony(75% of total honey bee colonies)
- Turkish Beekeepers go to 3 different geographic location every year and transport their colonies 2000 km
- They also produce 85% of pine honey production of the world



- Major Honey Bee Diseases: AFB, EFB, Varroasis, Nosemosis
- Pesticides (Imidaclopride?)
- Starvation
- Incorrect Application for treatment of Honey bee diseases
- New pests and pathogens (viral infections and N. ceranae)
- Old queen
- The quality of comb foundation
- Climatic changes
- Colony losses: in 2007:8-10%
in 2008: 1.8%
in 2009: 0.7% (up to now)

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