

Colony Losses of Honeybees in Turkey

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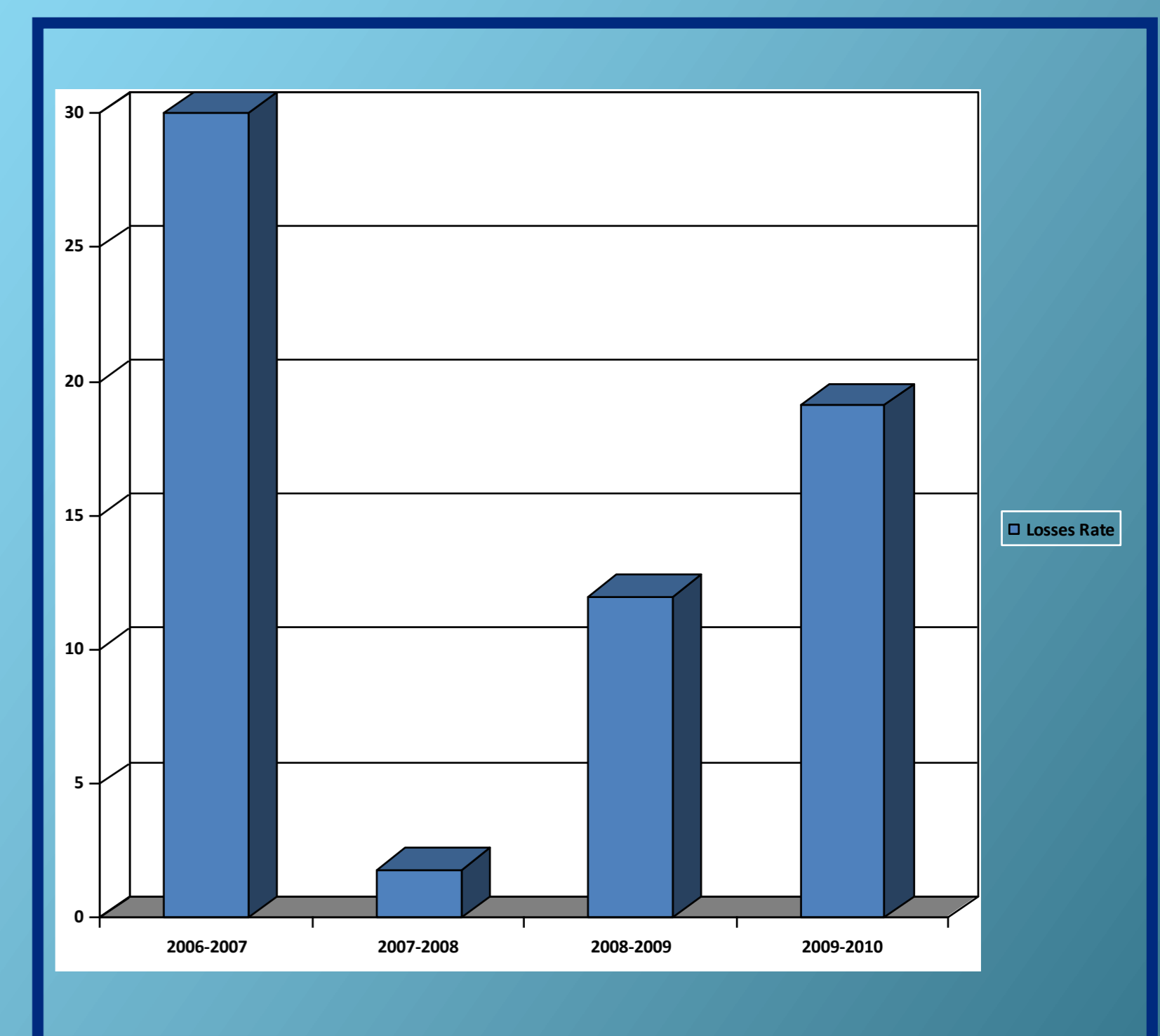
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In Turkey, Beekeeping industry has a big potential for Turkish economy. Between 2006-2007, there were some problems with colonies. Coincident with Colony Collapse Disorder (CCD) news in the US, extraordinary colony losses have been reported in early 2007 from several eastern provinces of Turkey. In 2007, we have conducted a survey study on a subsample of beekeepers from around Turkey 288 questionnaires representing over 35.000 colonies. This analysis indicated an overall higher colony loss 30% When it comes to 2008, the important development for Turkish Beekeeping is revision of Beekeeper Registration System.

Country	Beekeepers	Colonies	Years	Losses(%)	Type of Survey
Turkey	200000	3.850.000	2006/2007	30	Survey Questionnaire
			2007/2008	1.8	
		4.900.000	2008/2009	12	
			2009/2010	19.1	

We applied the basic Coloss Questionnaire to 1884 beekeepers in 2010 to determine colony losses especially winter losses in all regions of Turkey. All data were analysed statistically and the colony losses rate was found 13,3% in 2010 spring time.

When it is compared with the last two years, colony losses level has become higher. Besides, many Turkish Beekeepers claimed about weather conditions and viral symptoms of colonies during the period..



COLOSS Basic Questionnaire 2009-10
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Please read the surveyor notes carefully before using the question sets!

ESSENTIAL QUESTION SET

Beekeeper Information

E1 Province

E2 Country

Questionnaire

E3 How many production colonies did you have at October 1 2009?

E4 How many production colonies did you have at April 1 2010?

E5 How many splits or increases did you make/buy between October 1 2009 and April 1 2010?

E6 How many of your colonies/splits did you sell or remove in this period?

E7 How many of your colonies that died between October 1 and April 1, were lost without dead bees in the hive nor in the beeyard?