

Appropriate and Sustainable Beekeeping Technologies for the Development and Growth of Beekeeping Industry in Kenya Today

By

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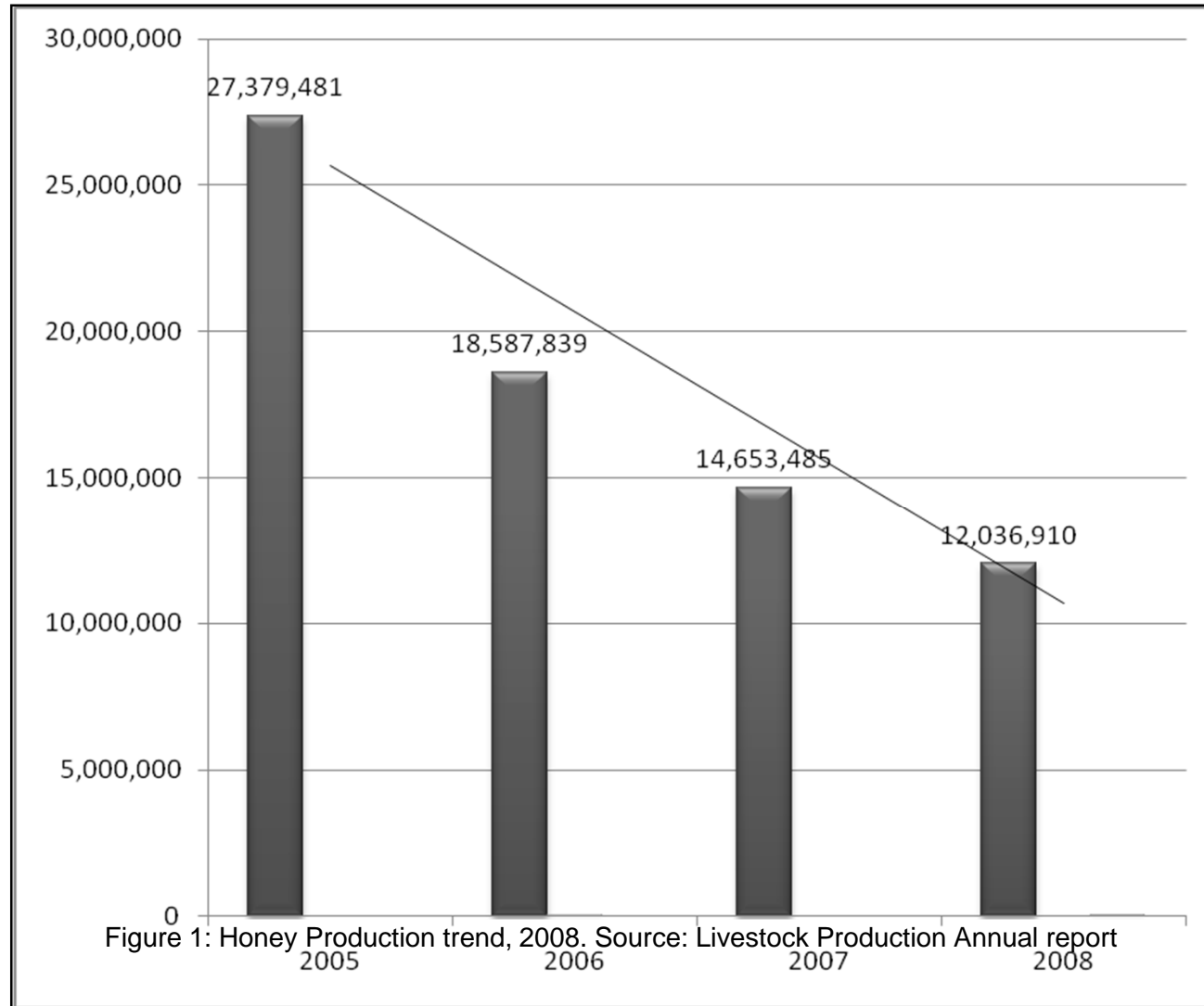
INTRODUCTION

- kenya is largely a traditional beekeeping country
– 75%
- Mostly practiced in Arid and Semi-Arid areas
(with about 10 million people)
- With the Development of the Kenya Top Bar Hive, by Dr. Kigatiira and others, there was need for farmers to adopt movable Bar Technology as a transition hive between the traditional log hive and the Langstroth. Unfortunately, technology adoption is very slow among Kenyan Beekeepers

CHANGING BEEKEEPING PRACTICES

- In the past, farmers kept their traditional beehives (log hives), on trees in expansive areas, largely unsettled, tapping nectar and pollen from the wild plant sources.
- With the farming system approach, this has been restricted, with a negative impact on Beekeeping
- Currently, observable declining production trends

HONEY PRODUCTION TRENDS



TRADITIONAL LOG HIVE



CURRENT HIVE POPULATION IN KENYA

- From the census report (2009), the total hive population in Kenya is slightly less than 2 million hives, irrespective the type of hive, with traditional log hives leading with over 1.3 Million hives. The rest is shared between Kenya Top Bar Hive and the Langstroth Hive

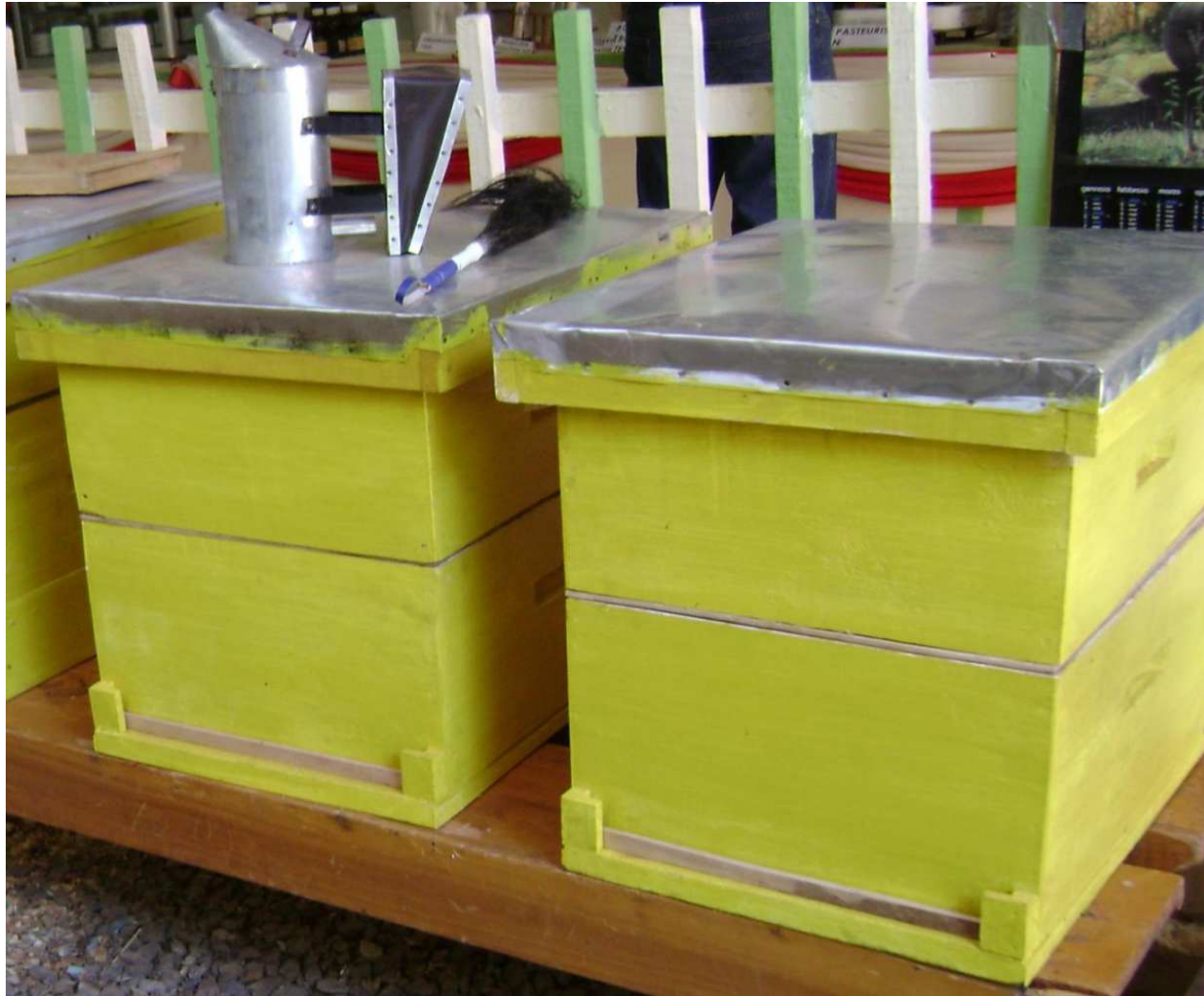
KENYA TOP BAR HIVE INSPECTION



LANGSTROTH HIVE



MODERN EQUIPMENT



MODERN EQUIPMENT



CATCHER BOX AND LANGSTROTH



BEE KIT



MODERN REFINERY HOUSE



SIMPLE HONEY PROCESSING



OAC HONEY PROCESSING - LABORIOUS



MODERN HONEY EXTRACTORS



ELECTRICAL HONEY EXTRACTOR



BEESWAX EXTRACTION



CURRENT INITIATIVES IN ACTION

- It was anticipated that the Private Sector would spur beekeeping in the country.

END