

HONEY WAX SEPARATOR

Profile

Name : Master.P.Jawahar Raja
Age : 14 years
Education : 10th Std
Experience : 3 years



Recognition:

- Identified as Farm Innovation by MKVK
- District level award from Pudhia Thalaimurai on topics one scientist for a home. Awarded by District Collector of Erode in 2012
- Young Achiever Award for the year 2012
- Director of School Education, Government of India cash award of Rs.5,000/- and certificate in 2012
- Young scientist Award organized by Space Kids India, year 2013

Description of Innovation

In traditional methods of separation of wax from honey comb is a laborious process and time consuming. It eliminates smoke and creates polluted environment and the wax is deposited in the vessel. In order to overcome this problem a solar based wax separator developed by Master Jawahar Raja who is studying Xth std. this separator consists of steel box with reflected convex lens on both sides. The steel box is painted black in colour inside and covered by thermocole sheath. The steel box has a small hole on the bottom in which the melted wax collected in the vessel which is fixed in the separate chair. Finally along with the wax remaining honey is collected

Practical utility of innovation

By adopting this technology to separate 10 kg of honey comb expected to get 7 kg of wax and 1 kg honey. An Individual can get additional income of Rs.2,400/- when compared to Rs.1,700/- in traditional method, hence we can save Rs.700.



Honey Wax Separator

Source:

Professor and Head

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