



Final Beekeeping Project

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Uses of Honey



- Honey has been used for centuries for a variety of purposes; raw honey is very effective at healing mild burns, rashes, abrasions, and other wounds
- Consuming honey is beneficial to health, as it improves digestion, relieves mild cold symptoms, improves blood circulation, and restores sleep
- Honey also has well known cosmetic uses; it's a great skin exfoliator that helps with acne, it retains and regulates moisture within hair, and it promotes good nail health.
- The bees store honey within the cells of the honeycomb, which enables them to last through the winter months in terms of their food supply



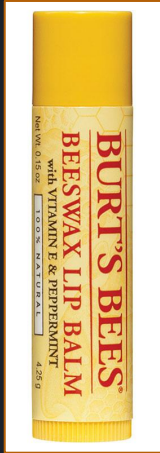
<https://cdn.business2community.com/wp-content/uploads/2017/01/DesertCreekHoney.jpg>

http://www.andamanplantations.com/wp-content/uploads/2016/05/Manuka_Honey_1-600x553.jpg

Uses of Wax



- Beeswax, like honey, is widely used to make cosmetic products. They are well known moisturizers, and are found in products like lip balms and skin and hair moisturizers
- Beeswax is also used on a major scale to make candles. Candles made of beeswax are believed to be better than typical candle wax because they release negative ions which “clean” the air
- Beeswax is also a common ingredient in foods, acting as a glazing agent. It’s found in common food products like chewing gum and jellybeans
- In the hive, the bees use the wax to build honeycomb cells in which they store food, or raise their brood



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https://www.burtsbees.com/on/demandware.static/-/Sites-burtsbees-master-catalog/default/dwc2d8c05f/images/large/Lip_Balm_Beeswax.jpg

Uses of Propolis

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- Raw propolis are resin- like material which honey bees produce by mixing saliva, beeswax ,sap flows or tree buds of poplar and cone bearing trees .
- Bees use the propolis to build their hives and seal unwanted open spaces in the hive. Propolis is anti-bacterial and inhibits the growth of bacteria, fungus, or any other unwanted microbe.
- When intruders enter the hive, bees kill it and wrap the carcasses in propolis so that when they decay, it doesn't affect the hive environment.
- Propolis also has many uses for humans like treating canker sores, tuberculosis, upper respiratory tract infection, HIV, “swine” flu, common cold, protozoans, cancer of the nose and throat, minor burns, and cold sores.



Uses of Royal Jelly

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- Royal jelly is a peach colored milk secretion made by worker honey bees for the development and nurturing of queen bees. Larvae are also fed this jelly within the first 3 days of life.
- Nurse bees fill up fake queen cups which were placed by beekeepers, with royal jelly, and it allows beekeepers to collect the jelly.
- It is used for asthma, hay fever, liver disease, pancreatitis, type 2 diabetes, insomnia, fatigue, infertility, kidney disease, skin disorders, high cholesterol.
- It is a general health tonic used for the skin, fighting the effects of skin aging, boosting the immune system.
- Royal jelly is 66% water, 13% protein, 15% carbohydrate, 5% fatty acids, and 1% trace elements.





Bee Sting Therapy

- Bee sting therapy is the procedure of injecting bee venom into a person in the form of a shot
- The purpose of it is to help treat certain diseases, and to reduce the reaction to bee stings in people who are allergic to them
- Supposedly, bee sting therapy reduces the severity of bee stings when a person who is allergic to them is stung. It's believed to do this by making the person's system more immune to bee venom
- Bee sting therapy is also allegedly effective for treating conditions like arthritis, inflammation, tendonitis (swollen tendons), and multiple sclerosis (a deficiency of the immune system)
- Mild reaction to the Bee sting concludes of redness and swelling around the sting.
- Severe allergic reaction includes skin reactions like hives, difficulty breathing, nausea, vomiting, loss of consciousness



Works Cited

(All image sources are linked on the slide the image is on)

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