

# Uses and properties of bee products



# HONEY

There are a lot of kinds of honey.  
You can often find in shops a few  
types of honey, for example:

- mixed flower honey
- dandelion honey
- oilseed rape honey
- acacia honey
- buckwheat honey
- linden honey
- heather honey
- honeydew honey





# MIXED FLOWER HONEY

This kind of honey is made from the nectar collected by bees on different plants. It has a light cream colour. It crystallizes quite fast, it is characterized by quite strong smell.



# DANDELION HONEY

Nectar used for production of this honey comes from Dandelion.

It has light yellow colour.



## OILSEED RAPE HONEY

It has the colour of straw. Crystallization happens extremely quick, it becomes cream white in colour. It has got faint smell of oilseed rape flowers.







## ACACIA HONEY

Pure acacia honey is made from nectar collected on the acacia flowers. It hasn't got any colour at all or it has light straw colour. Acacia honey is applied in treating stomach.





## BUCKWHEAT HONEY

It has dark colour. While crystallizing, it becomes hard. It has pungent smell and flavour. It also improves the work of heart muscle.

antibacterial

anti-inflammatory

expectorant

sedative

laxative

# LINDEN HONEY

treats respiratory problems like: sore throat, colds, laryngitis, bronchitis, asthma

treats inflammations of gastrointestinal tract, kidney and gall bladder

helps to keep women's health.

heart tonic

[healthywithhoney.com](http://healthywithhoney.com)

Linden honey is from the nectar of lime flowers. It has colour of light amber or yellow-green. Linden honey has pleasant smell of lime flowers.







**Heather honey** characterized by specific smell. It is the rarest kind of honey in our area. When it is liquid, it is red-brown. After crystallization, it becomes jellylike. Its flavour is not sweet.



## HONEYDEW HONEY

Honeydew honey has different colours: brown and even black. It crystallizes quite slowly. Its flavour is delicate and not very sweet. Coniferous honeydew has antibiotic effects. It also helps to treat rheumatic, skin and nervous system sickness.





# HONEY





# USES OF HONEY





# USES OF FLOWER POLLEN

- The flower pollen is used to intensify people's immunity.
  - It makes people calmly.
  - It is also antibiotic.
  - You can find it in cosmetics.
  - It backs appetite.
  - The flower pollen makes people stressfree.
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- A close-up photograph of a bee, likely a honeybee, covered in bright yellow flower pollen. The bee is positioned in the center-right of the frame, with its head and thorax heavily laden with the fine, granular pollen. Its wings are translucent and slightly spread. The background is a soft-focus field of yellow pollen, creating a warm and textured environment. The lighting is bright, highlighting the vibrant yellow of the pollen against the darker tones of the bee's body.







# BEEBREAD

Worker bees bring the pollen load to the right place and throw it down to a cell in a comb. Bees conserve pollen for winter and pour over with honey. Pollen reserves deposited in cells are called beebread.





# BEEBREAD





# PROPOLIS (BEE GLUE)

Propolis is substance that is collected by bees from flower bud secretion of broadleaved and coniferous trees. Depending on the source, it has yellow-green, dark brown or almost black colour. It consists of many active substances that have strong antibacterial and analgesic properties.



# USES OF BEE GLUE





# ROYAL JELLY



- Royal jelly is the most valuable product from bees.
- People use it when treating many illnesses.
- It stops process of ageing.
- It gives a lot of energy.



# Unusual Uses for RAW HONEY

- Skin Moisturizer
- Antiseptic
- Acne Remover
- Energy Booster
- Immune System Booster
- Treatment for Sore Throat
- Lip Balm
- Remedy for Burns
- Natural Bee Sting Treatment
- Hair Gel
- Natural Sweetener
- A Preservative
- Honey Facial
- Hair Treatment





- It can be also eaten in tablets.



# BEESWAX

It is a protective layer on honeycomb.

Beeswax has many positive uses. It is often used in cosmetology, candle production, stomatology. Candles from beeswax are more healthy than candles from paraffin wax. (They clear the air, moderate allergy and asthma.)





# WAX PRODUCTS





# SUSTAINABILITY OF BEE PRODUCTS



**Honey** *The primary food food for the hive*  
⇒ CAN BE SUSTAINABLY PRODUCED

**Pollen** *The main protein source for bees*  
⇒ CAN BE SUSTAINABLY PRODUCED, BUT OVERHARVESTING CAN OCCUR

**Propolis** *The resin bees collect from trees ("bee glue")*  
⇒ THERE ARE FEW SUSTAINABLE WAYS TO COLLECT PROPOLIS

**Royal jelly** *The super food for baby bees that have the potential to be the queen bee*  
⇒ **CANNOT** BE SUSTAINABLY PRODUCED

THE SUSTAINABILITY OF BEE PRODUCTS





**Thanks for  
watching.**

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