

CHIGAN STATE | Extension · Fan their wings to create a strong draft across the honeycomb • This enhances evaporation which raises the sugar concentration and prevents fermentation • What % moisture should honey be? • 17-18% · Above 22% fermentation • Fermenting honey looks wet and foamy at the top and smells like alcohol. What is the pH of honey? • 3.9



IIGAN STATE | Extension **Removing Bees**

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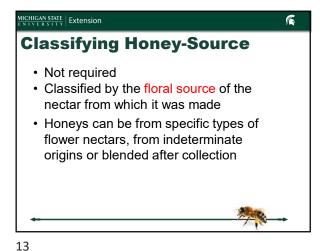
CHIGAN STATE | Extension **HONEY EXTRACTION** The extractor ·A plastic uncapping tub Bottling bucket Strainer Capping scratcher •A uncapping knife

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ICHIGAN STATE | Extension **Bottling** · Food Grade Bucket · Bottling Tank · Bottling Machine · Bottle options Plastic Glass · Specialty Labeling · Regardless of size bottles need to meet MDARD label requirements

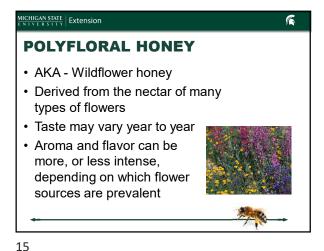
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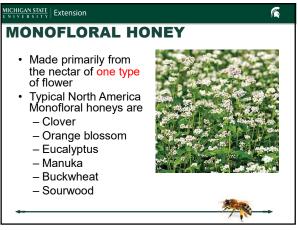
HIGAN STATE | Extension **BLENDED HONEY** Most commercially available honey • Mix of 2 or more honeys differing in · floral source · color flavor · density · geographic origin

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HIGAN STATE | Extension **PASTEURIZED HONEY** Reduces mouisture levels, destroys yeast cells, liquefies crystals Sterlizes the honey and improves shelf life Heated to 71° C (160 F) and quickly cooled • Heated to 63° C (145 F) for 30 min



GAN STATE Extension · Cut Comb - Meant to be consumed still in the wax comb · Collected by using standard wooden frames in honey supers · The frames are collected, and the comb is cut out in chunks before packaging

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How is preparing and labeling cut comb honey different?

Can't use plastic foundation
Nine frames in a ten-frame box
A queen excluder
All comb honey should be frozen after harvest
- 24 hours minimum
Sharp knife, cutting tool, dental floss.
Drain, transfer to trays or containers.
Label requirement same as for liquid honey

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CREAMED HONEY

• AKA—Whipped honey, spun honey, churned honey, candied honey, honey fondant

• Processed to control cyrstallization

• Produces a honey with a smooth spreadable consistancy

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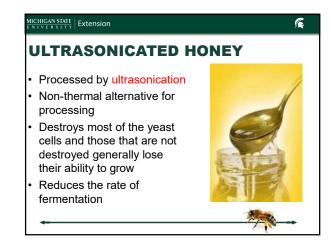


RAW HONEY

• Honey as it exists in the beehive or as obtained by extraction, settling or straining without adding heat above 120 degrees F

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HIGAN STATE | Extension Rules and regulations for selling honey · If a food consists of honey and a sweetener, such as sugar or corn syrup, can I label the food as "honey"? No, required to include all in the name – Blend of . . . and list on ingredients in descending order.

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IGAN STATE | Extension Rules and regulations for selling honey - FDA Can honey be infused with CBD oil? No, Under federal law, it is currently illegal to market CBD added to food or be used as a "dietary supplement"

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HIGAN STATE | Extension Rules and regulations for selling honey - Michigan · What are the honey processing rules? · Can I sell honey directly to people? · Can I sell honey in stores? · How do I label my honey products? · Can I use the word 'organic' on my label?

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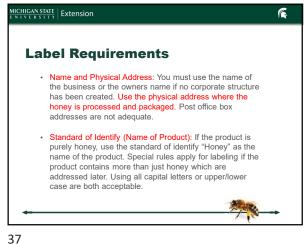
CHIGAN STATE | Extension Rules and regulations for selling honey • Under \$15,000- Generally, those under \$15K in gross sales are exempt from licensing Does this fall under the cottage food law? · Honey is exempt under the cottage food law. Honey can be sold sell direct or wholesale - grocery stores, restaurants and other retailers. Food manufacture under the cottage food law can only be sold direct to consumer · Local zoning ordinances apply

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AN STATE | Extension **Label Requirements** · Name of business or owner name; · Address of production; Standard identity of product, such as honey if only one ingredient; · Net weight; Include Metric · Disclaimer "Processed in a facility not inspected by the Michigan Department of Agriculture & Rural Development". Somewhere on the bottom 1/3 of label, an 11pt font or

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HIGAN STATE | Extension **Label Requirements** Net Weight: The net weight or net volume of the honey product must also include the metric equivalent conversion charts are available online. It is recommended to place this in the bottom 1/3 of the label. Disclaimer Statement: The following statement must be on "Processed in a facility not inspected by the Michigan Department of Agriculture & Rural Development • At least the equivalent of 11-point font (about 1/8" tall) and in a color that provides a clear contrast to the background. All capital letters or upper/lower case are both acceptable.

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HIGAN STATE | Extension **Can I Obtain Organic Certification?** • There are no federal organic honey guidelines. The Agricultural Marketing Service of the USDA has issued a written statement affirming that your beekeeping operation may be certified as organic. Need to be certified by an accredited certifying agent. The USDA National Organic Program (NOP) outlines the certification process and maintains lists of USDA-Authorized Organic Certifying Agents.

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HIGAN STATE | Extension SOURCES · https://www.canr.msu.edu/news/rulesand-regulations-for-selling-honey-inmichigan https://www.fda.gov/files/food/published/P DF---Guidance-for-Industry--Proper-Labeling-of-Honey-and-Honey-Products.pdf · Shruthi, K; Anna Heck; Meghan Milbrath; Diane Longanbach

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