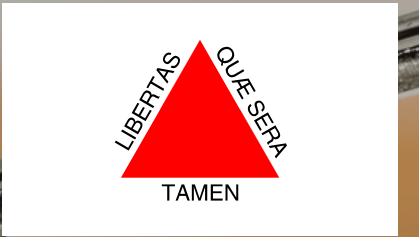


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BRAZILIAN HONEY INDUSTRY PRODUCTION FROM MINAS GERAIS STATE

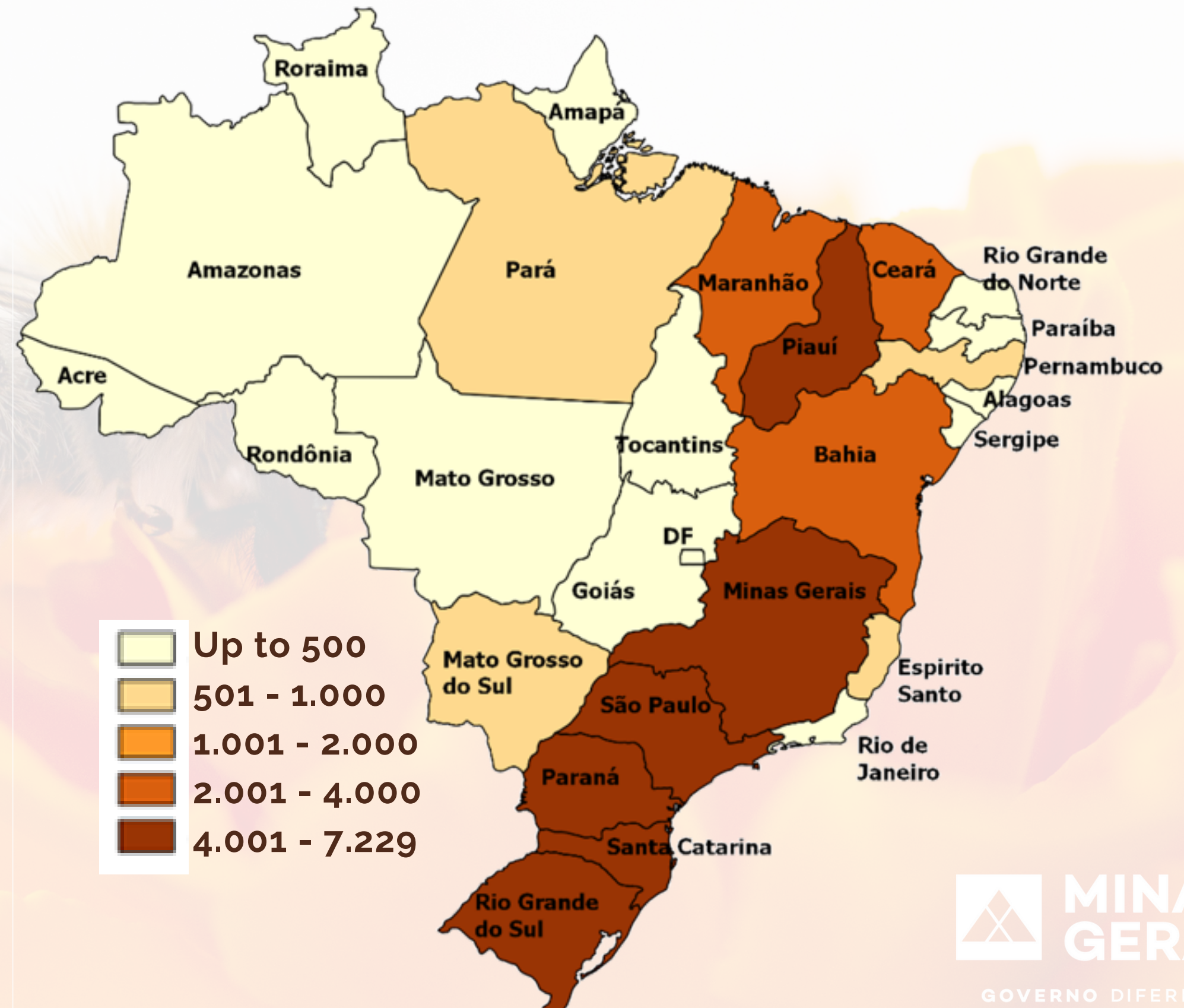


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HONEY PRODUCTION IN BRAZIL

Honey production (tons)

In 2019, honey production in Brazil reached 46 thousand tons, There was a growth of 8.5% compared to 2018.



HONEY PRODUCTION AND EXPORTS FROM BRAZIL

Main producing regions in the Brazil

- South region - 38%
- Northeast region - 34%
- Southeast region - 21%

Honey Market in Brazil

- Low per capita honey consumption: about 0.07kg /person/year
- Export is the predominant market strategy
- 65% of Brazilian production was exported in 2019

Production and Export of Honey in Brazil – 2019

Honey production	45,980 tons	100%
Honey export	30,039 tons	65,3%
Production for the domestic market	15,942 tons	34,7%

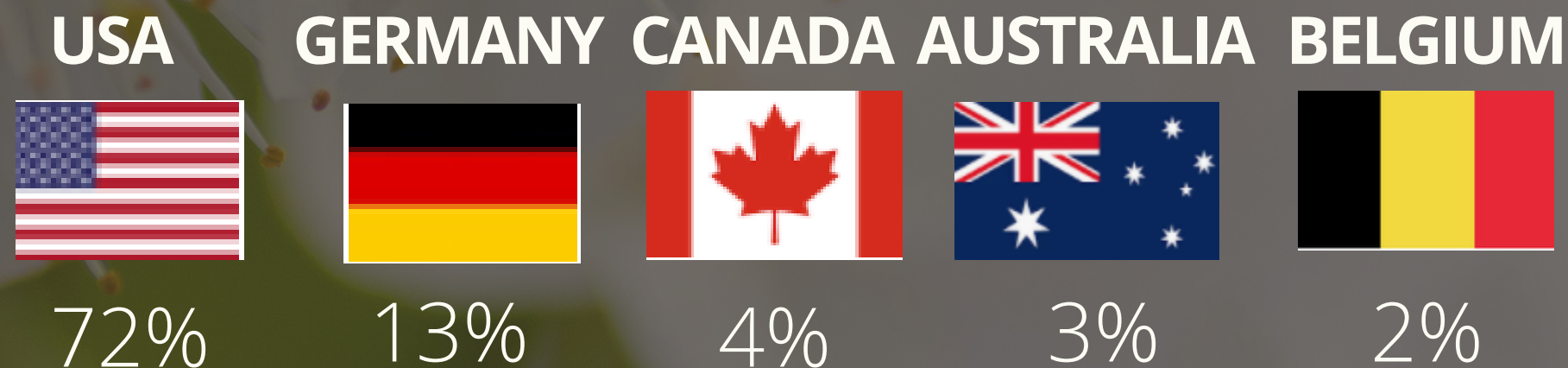
Source: SEAPA - MG.

BRAZILIAN HONEY EXPORTS

In 2020, Brazil exported US\$ 98.5 million of natural honey, an increase of 44% than in 2019.

The volume exported was 45.7 thousand tons, a growth of 52%.

TOP 5 IMPORTING COUNTRIES OF NATURAL HONEY FROM BRAZIL - 2020



Source: SEAPA - MG.

WHERE IS MINAS GERAIS?

3rd largest Brazilian economy

US\$ 156 billion GDP (2019)

2nd largest exporter within Brazilian states

Responsible for 36,3% of the 2020 Brazilian trade surplus

2nd largest exporting state in Brazil

US\$ 26,3 billion in 2020

Territorial extension

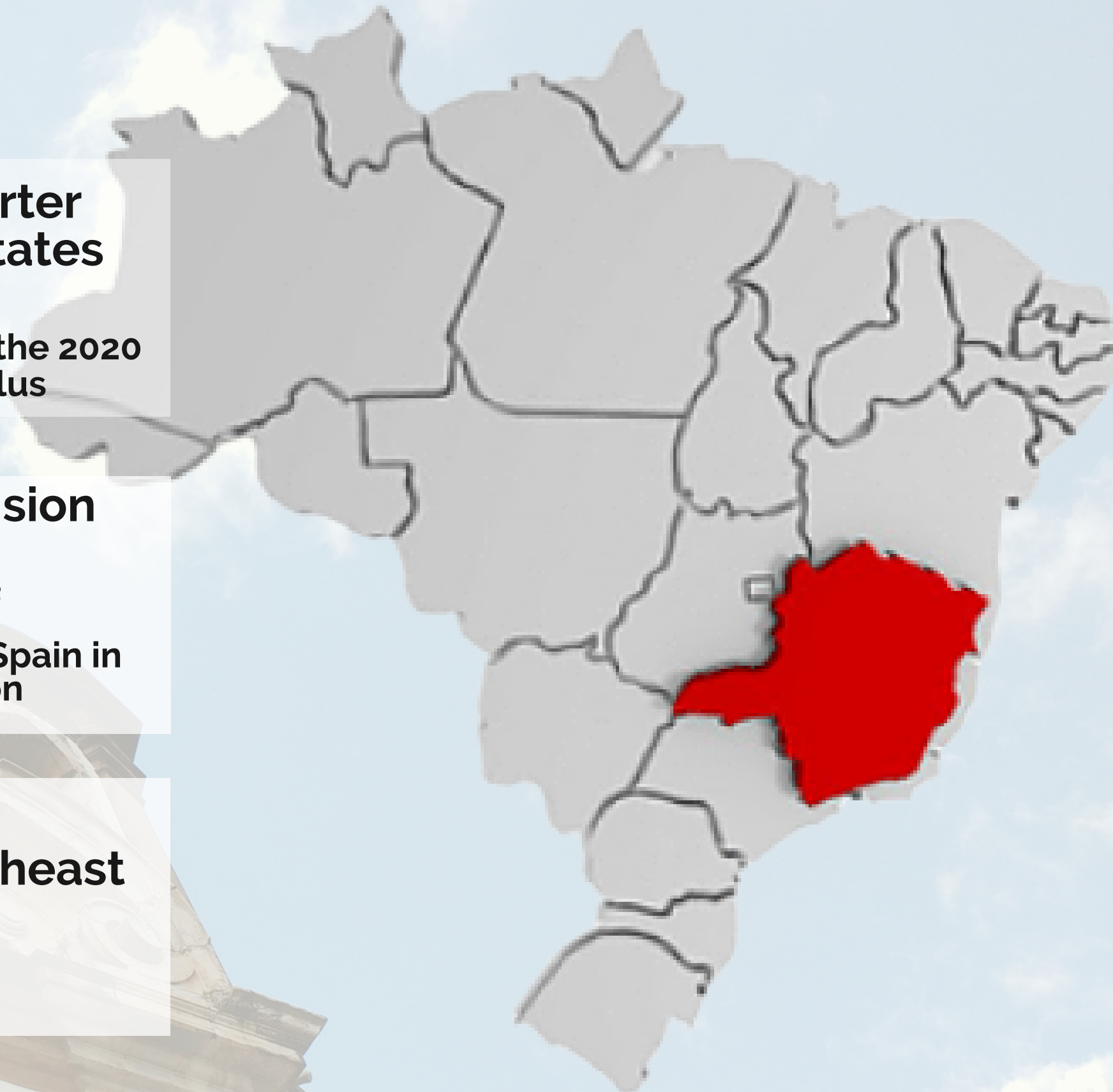
586.521,123 KM²

Larger than France or Spain in territorial extension

2nd largest population in Brazil

21 million inhabitants

Located in the Southeast of Brazil



PRICE AND GROSS VALUE OF HONEY PRODUCTION

Gross Value of Production



In 2019 the Gross Value of honey production registered US\$ 10.7 million in Minas Gerais.

Average price paid to Minas Gerais' honey producers in december/2020 was **US\$ 2.87/kilo.**

From January to December 2020, the average price increased by 1% in relation to the same period of the previous year.

HONEY AND BEE INDUSTRY IN MINAS GERAIS

- Minas Gerais has favorable climatic conditions for the good performance of the beekeeping activity;
- The fauna and flora of Minas Gerais contribute to the production of high quality honey and propolis.
- According to the Company of Technical Assistance and Rural Extension of the State of Minas Gerais - EMATER-MG, almost 80% of the Minas Gerais' honey production is of wild honey, produced from native flowers, without pesticides and insecticides.
- According to data from "Safras Pecuárias" of EMATER-MG, the beekeeping activity involves about 7 thousand beekeepers in Minas Gerais, generating more than 42 thousand direct and indirect jobs in the state.
- Minas Gerais is the fifth largest honey producer in the country, with a production forecast of 6.14 thousand tons in 2020, which corresponds to 12% of the national production.

HONEY PRODUCTION IN MINAS GERAIS

The beekeeping activity involves about 7 thousand beekeepers in Minas Gerais, generating more than 42 thousand direct and indirect jobs in the state.

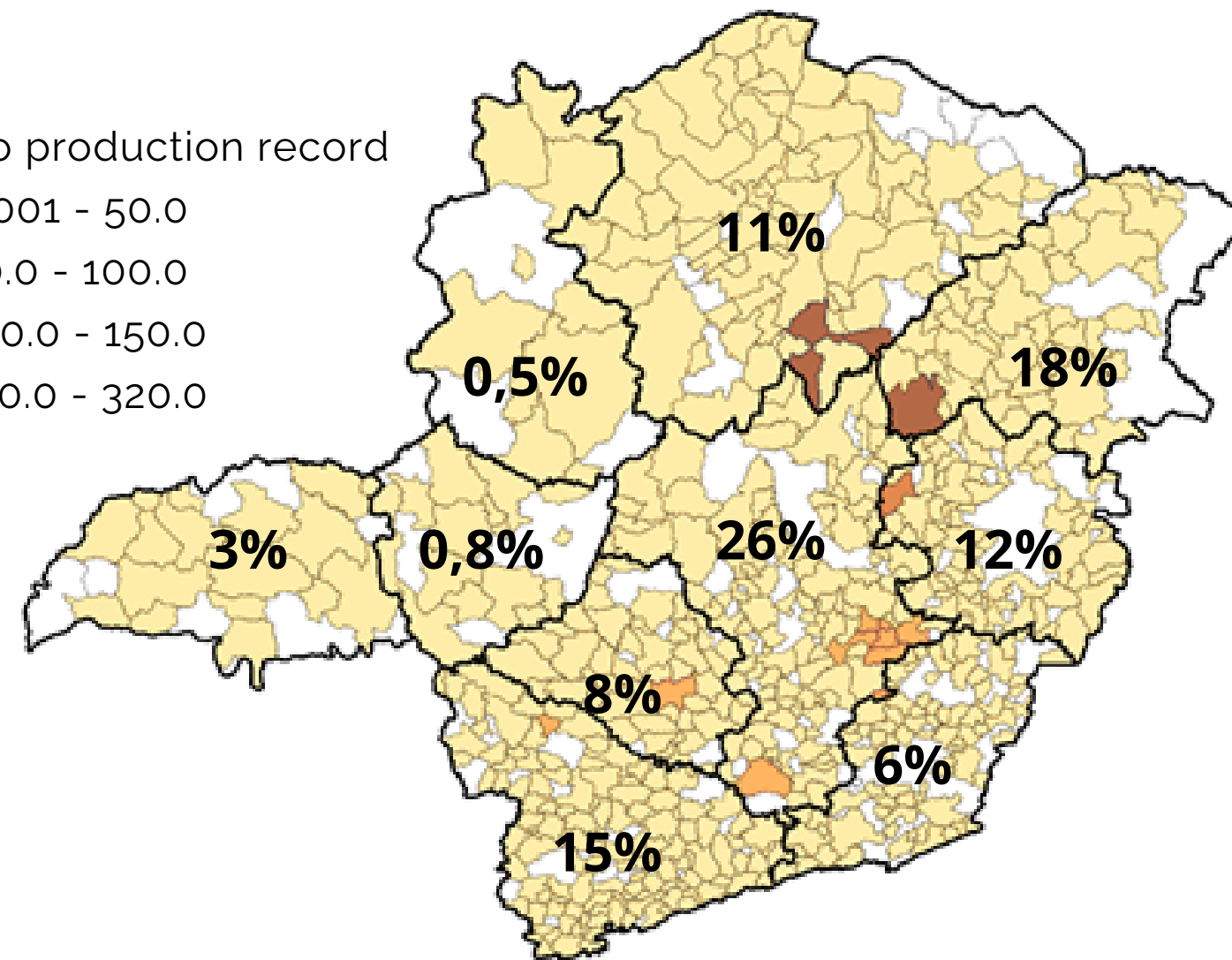
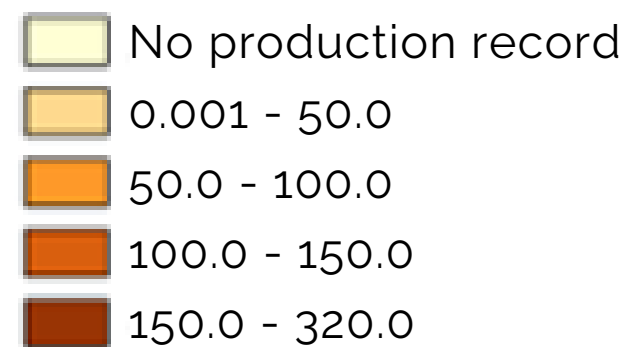


MINAS GERAIS

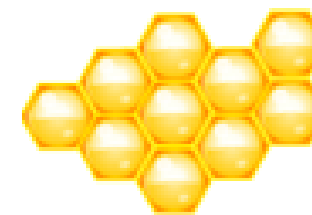
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Source: SEAPA MG.

Production of Honey in Tons State of Minas Gerais - 2019



Minas Gerais is the 5th largest producer of honey nationwide.



In 2019, honey production grew + 3.2% and reached 4.2 thousand tons.

The production is concentrated in the Midwest Region of Minas.

HONEY EXPORTS FROM MINAS GERAIS AND CERTIFICATION



QUALITY SEAL "CERTIFICA MINAS" HONEY

The program "Certifica Minas" created by the Government of Minas, promote the adoption of sustainable practices, traceability and the best quality of honey.



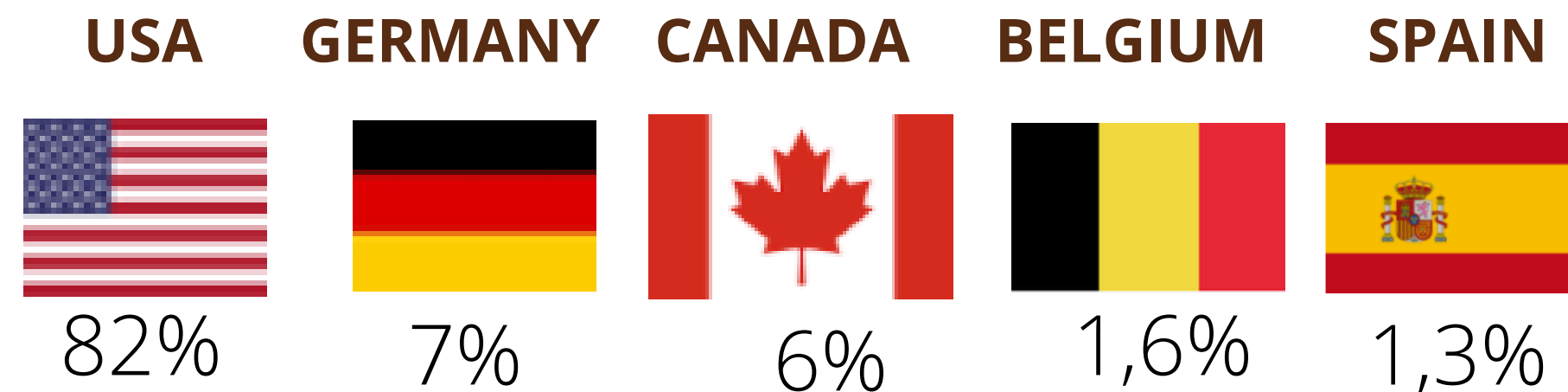
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EXPORTS OF MINAS GERAIS

In 2020, exports of bee products generated revenues of US\$ 4,9 millions.

TOP 5 EXPORT DESTINATION OF HONEY 2020



There was a 7.4% increase in honey exports in 2020 compared to 2019.

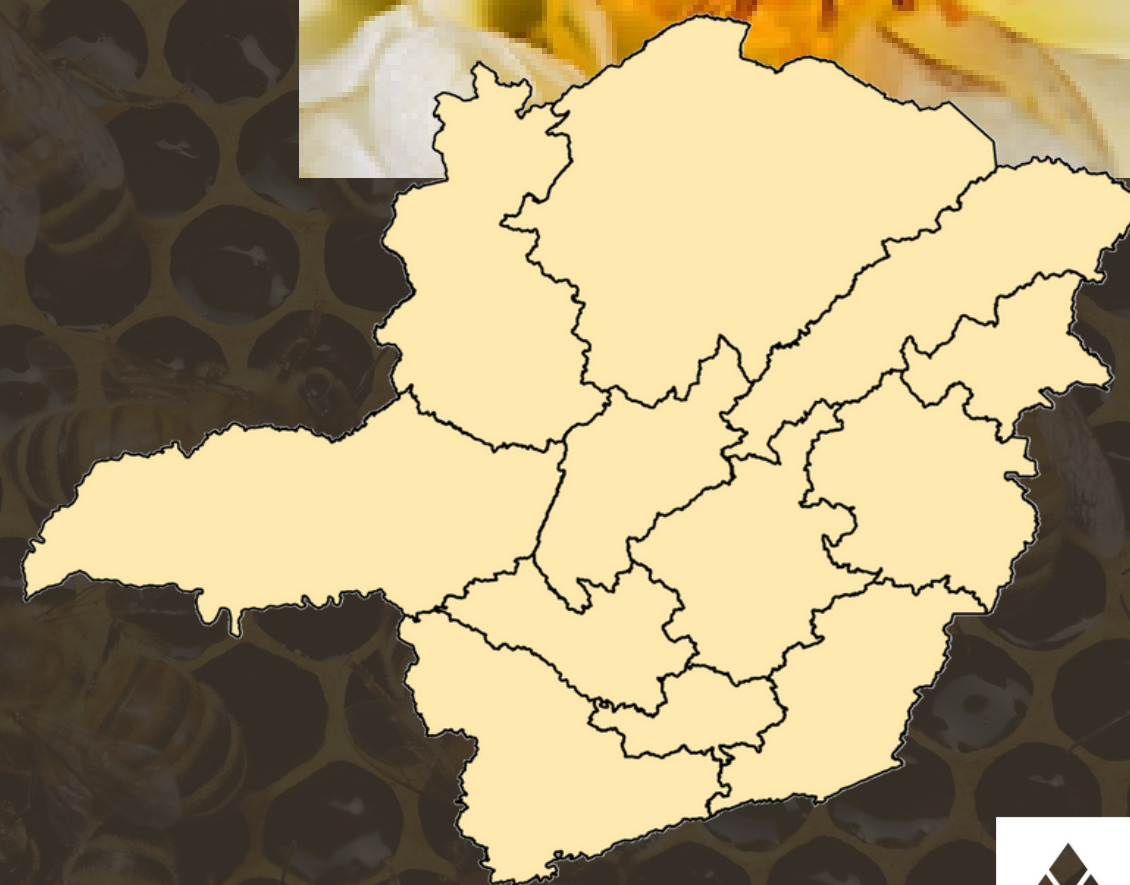
TYPES OF HONEY FROM MINAS GERAIS

WILD BEE HONEY

It is the most consumed in the country and comes from several flowers (multifloral).

It has antioxidant effect, soothing and laxative properties, in addition to being considered interesting for the skin and the respiratory tract. It stimulates immunity and is still a natural invigorator.

It can be found during spring/summer, throughout Brazil and Minas Gerais.

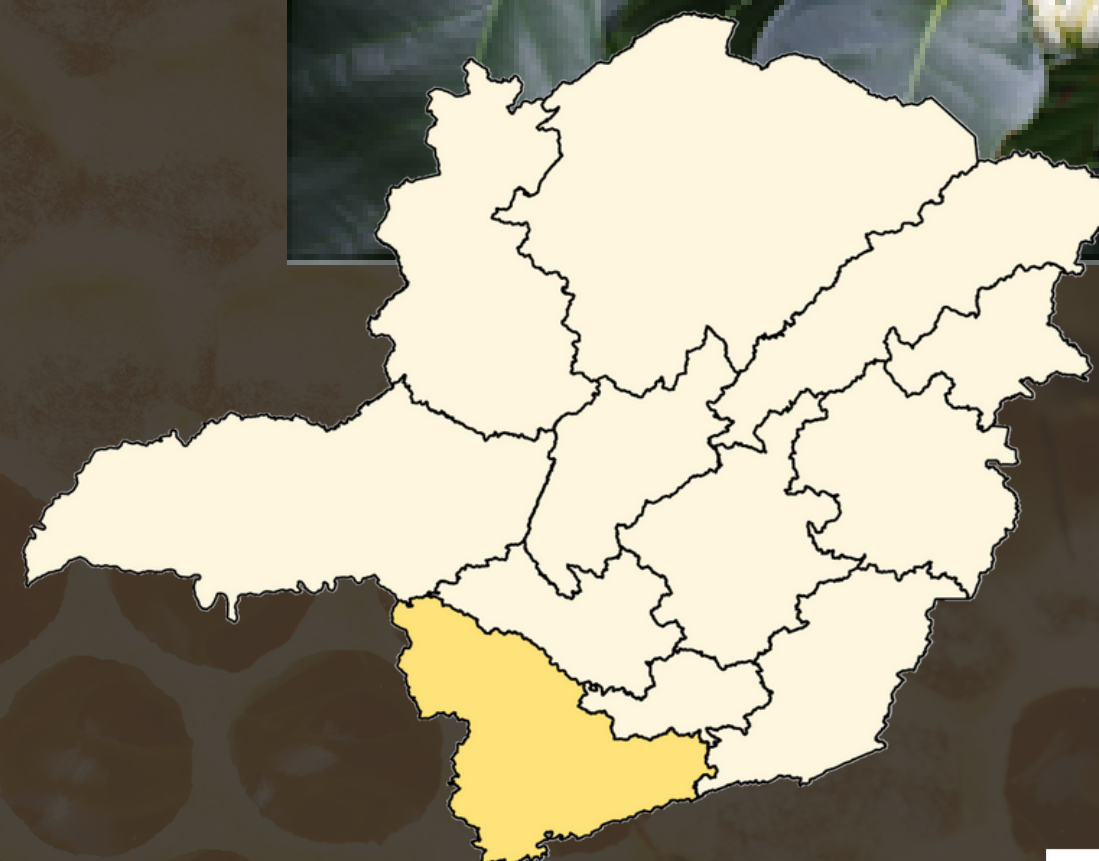
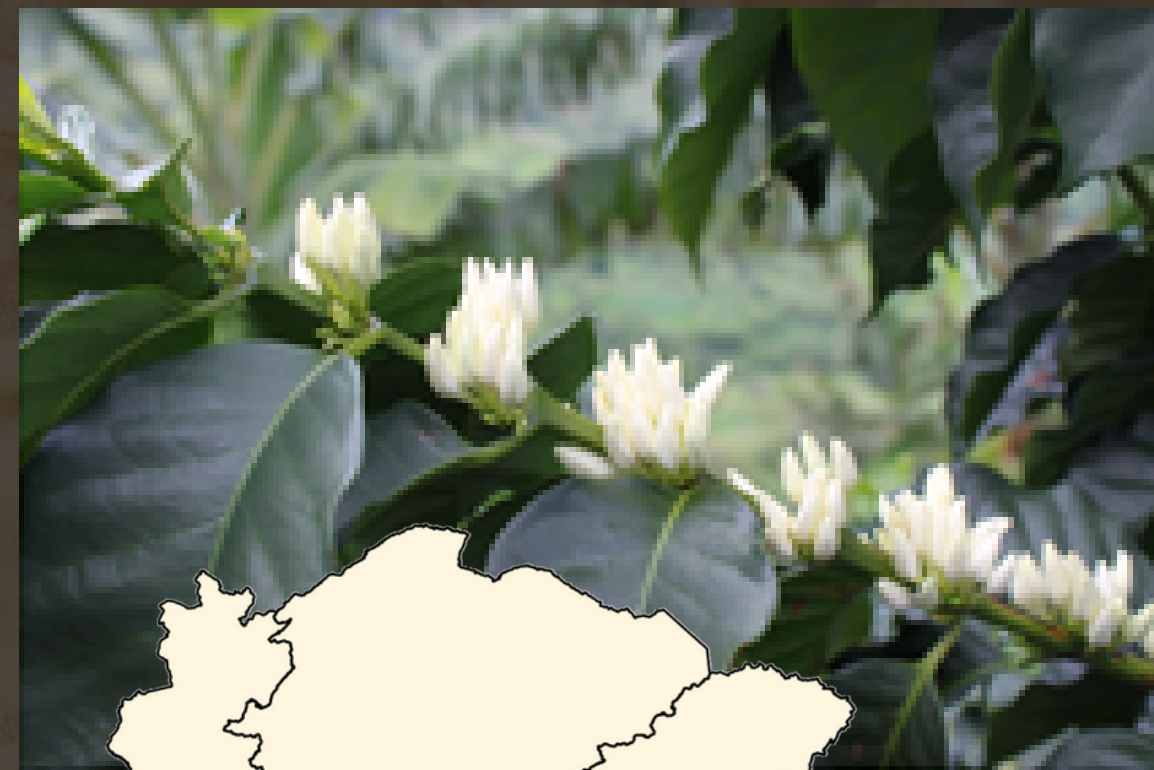


COFFEE BLOSSOM HONEY

Coffee Blossom Honey has a citrus flavor, is smooth and has an energizing effect.

This type of special honey is produced from the work of bees during flowering in coffee plantations, the nectar is collected from the flowers. This honey is a rare and seasonal food.

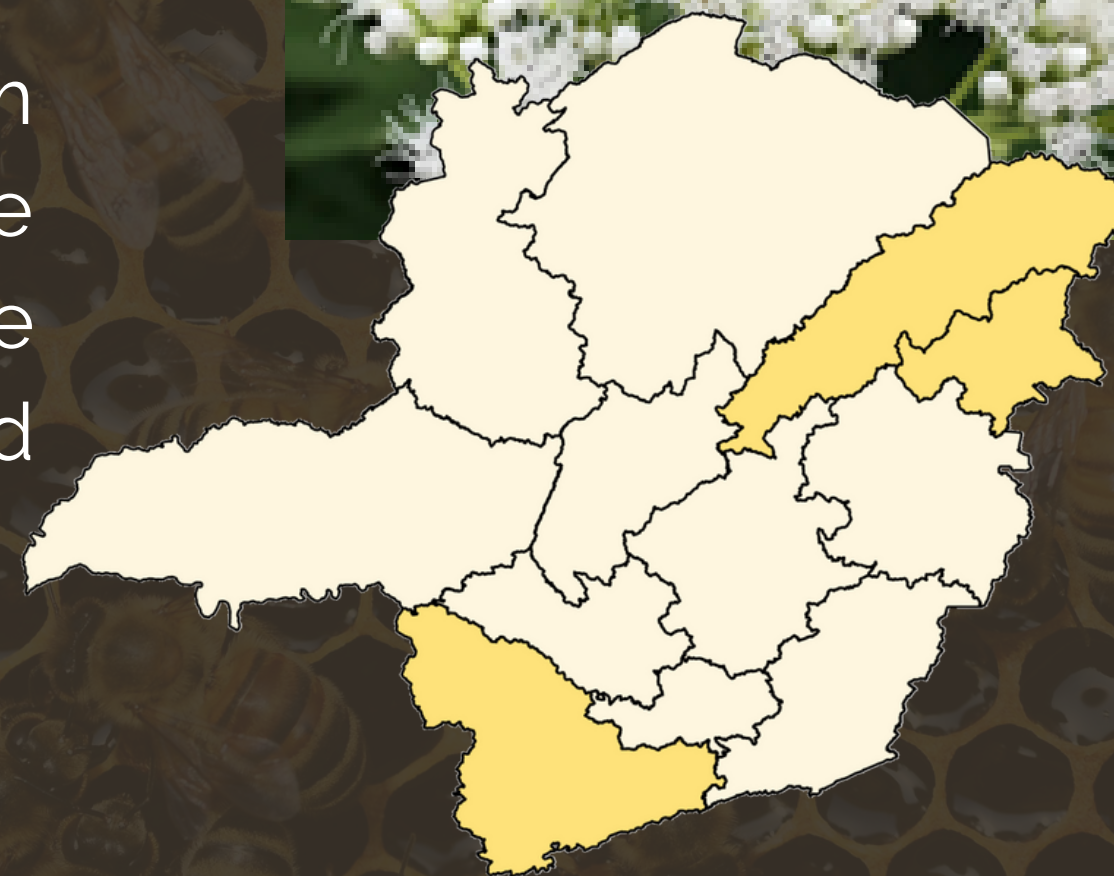
Produced mainly in the southern region of Minas Gerais.



"ASSA-PEIXE" BLOSSOM HONEY

It has a pleasant aroma and flavor, calming and expectorant effect.

Assa-peixe blossom honey is extracted from the typical Brazilian flower, present in the Southeast and Northeast regions of the state of Minas. Produced during spring and summer



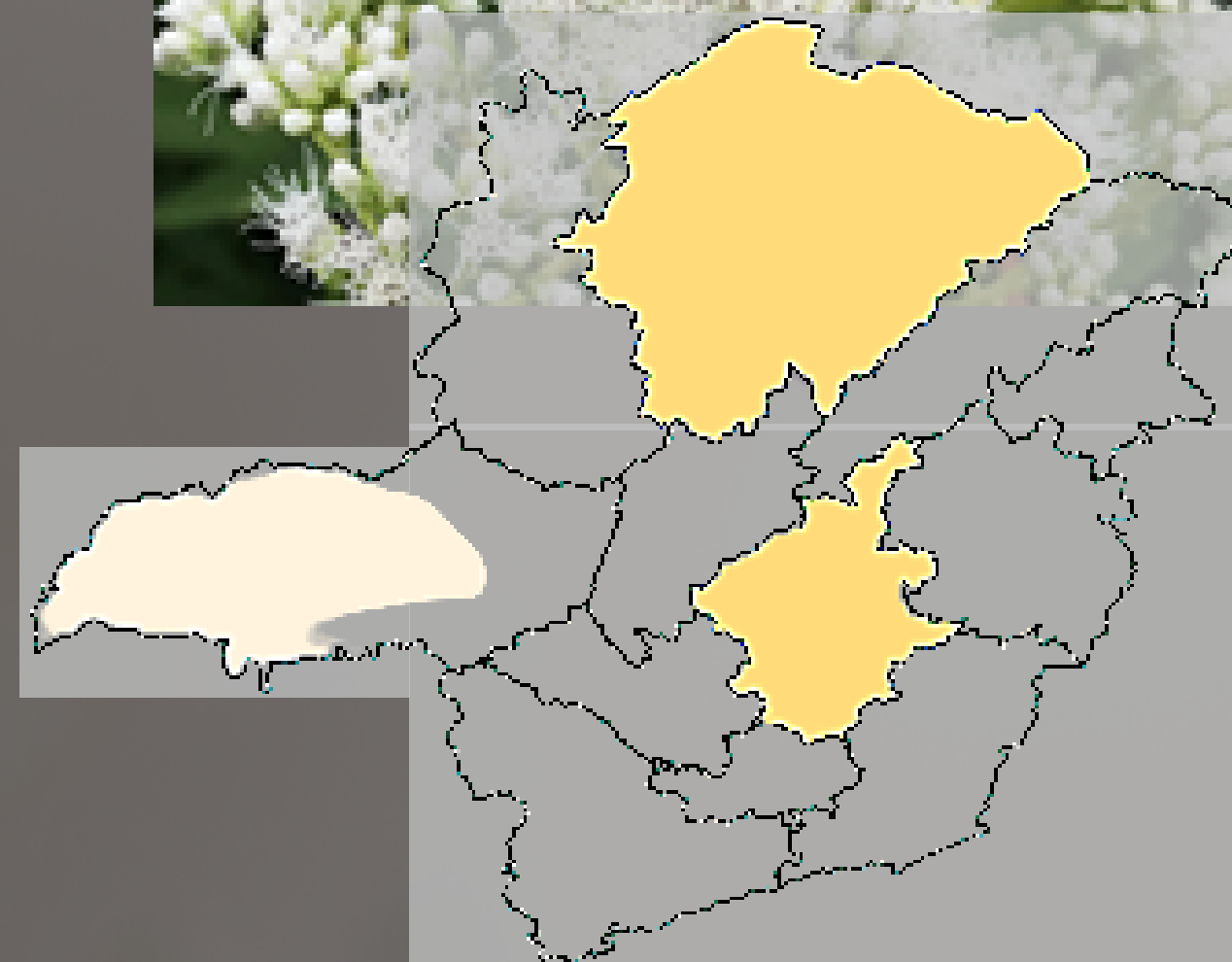
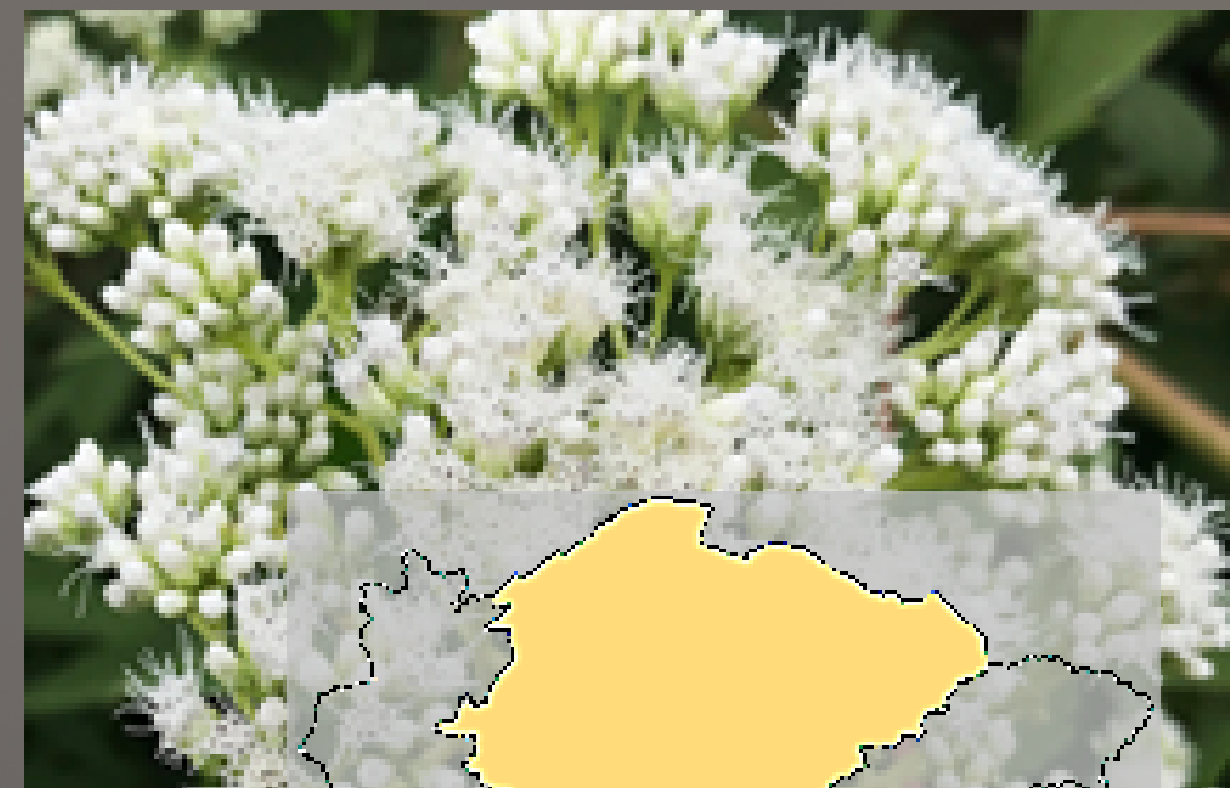
AROEIRA BLOSSOM HONEY

This is a special honey that stands out for its dark color. The aroeira blossom honey is extracted from the nectar of the tree and from melate, a liquid that insects suck from the plant and regurgitate.

The difference between this special honey and the others is due to the union of the plant with an insect, which has health properties in the fight against stomach diseases.

The Aroeira blossom Honey, have qualities and specifications that are comparable to New Zealand's Manuka honey. Aroeira Blossom honey seldom crystallizes, and it has displayed powerful antioxidant and bactericide effect.

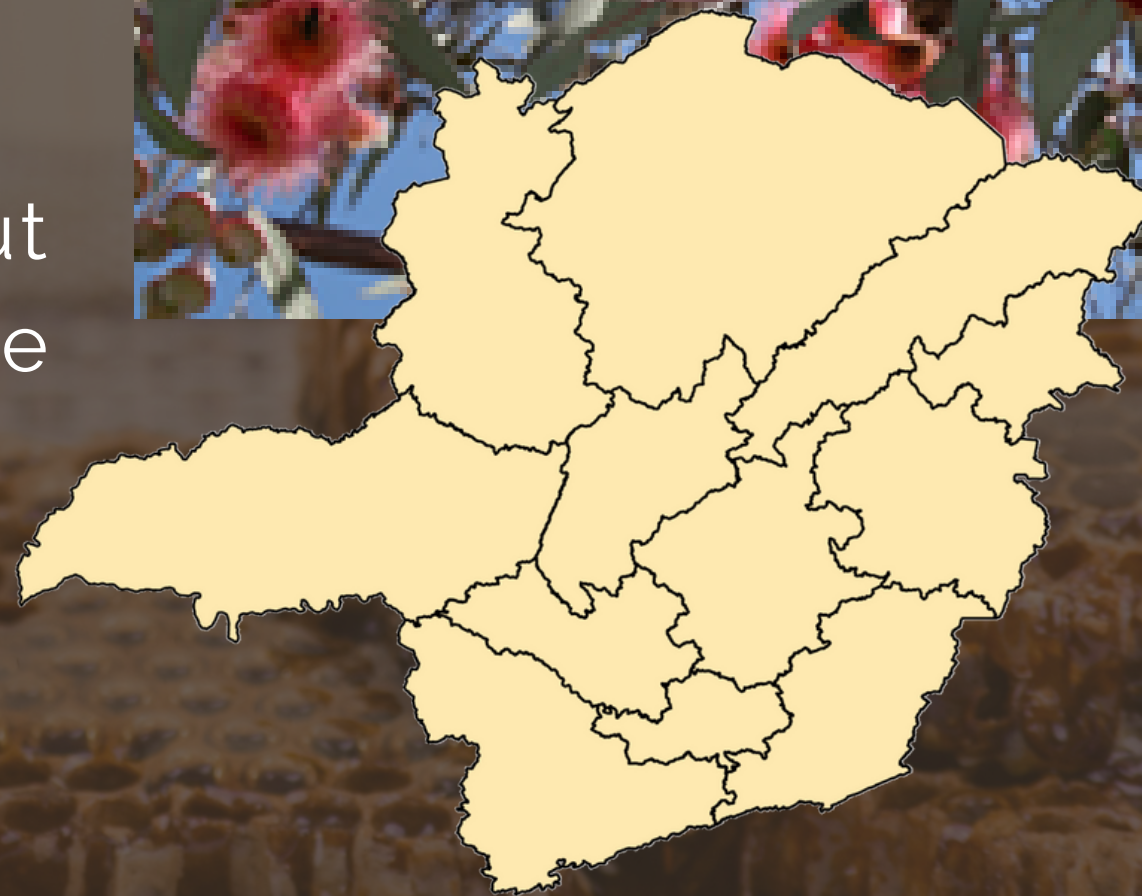
Producing mainly in the North and Center of Minas.



EUCALYPTUS BLOSSOM HONEY

It has a stronger flavor and dark coloring. It is advised for auxiliary treatment in the relief of intestinal infections, urinary tract and respiratory diseases.

Eucalyptus flower honey is found throughout the state of Minas Gerais, mainly between the months of March and June.

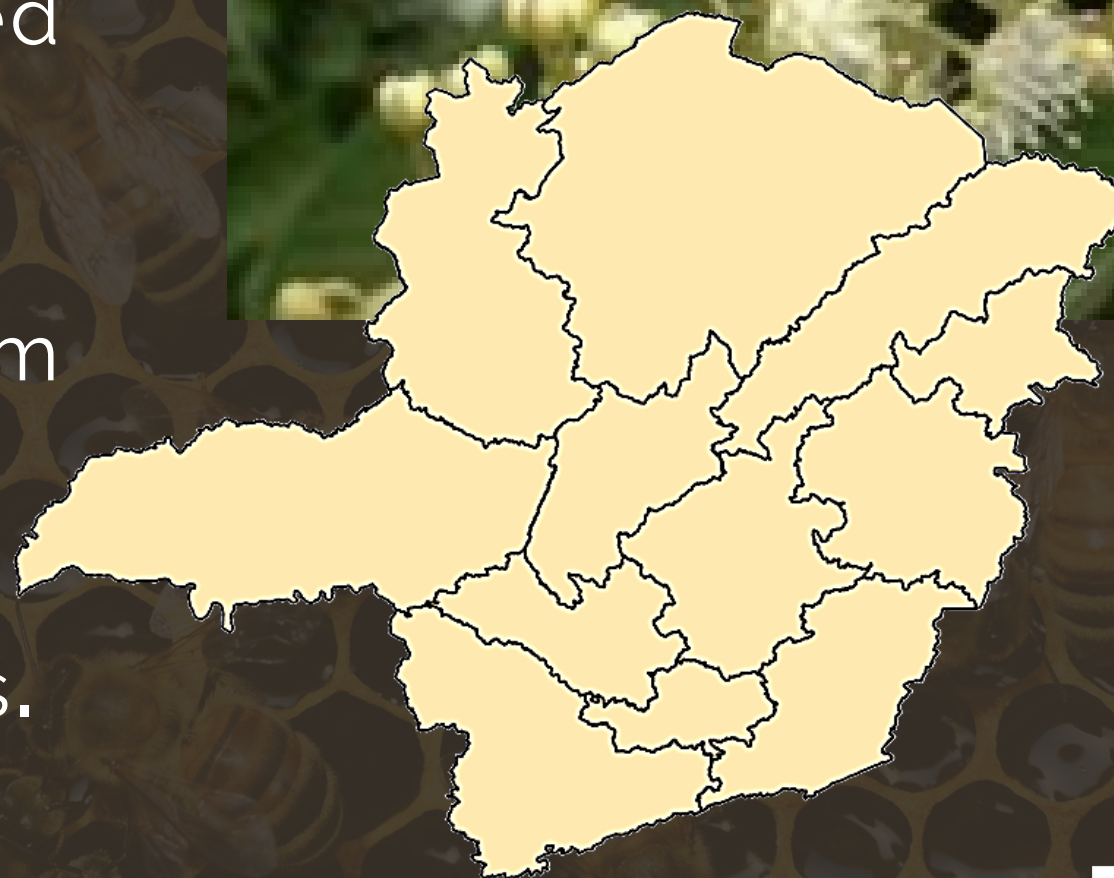


"VELAME" BLOSSOM HONEY

Velame is a flower typical of the Northern region of Minas Gerais. Velame blossom honey is crystal clear and is therefore also called white amber.

It is extremely smooth and produced from October to January.

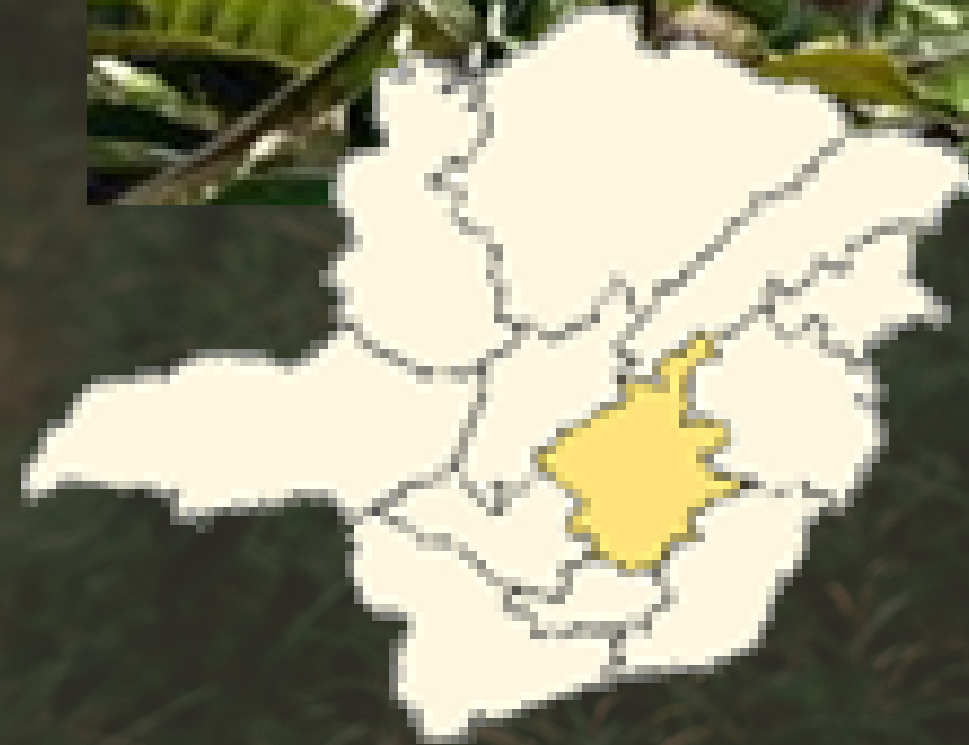
Found throughout the territory of Minas Gerais.



"CANDEIA" BLOSSOM HONEY

One of the most popular honeys in popular medicine has a dark color and is used to treat conditions of the respiratory system, such as cough in general, whooping cough, laryngitis, hoarseness.

Very good as an adjunct in cases of asthma attacks and also for gastric ulcers. Found in the central region of the state.



"CAPIXINGUI" BLOSSOM HONEY

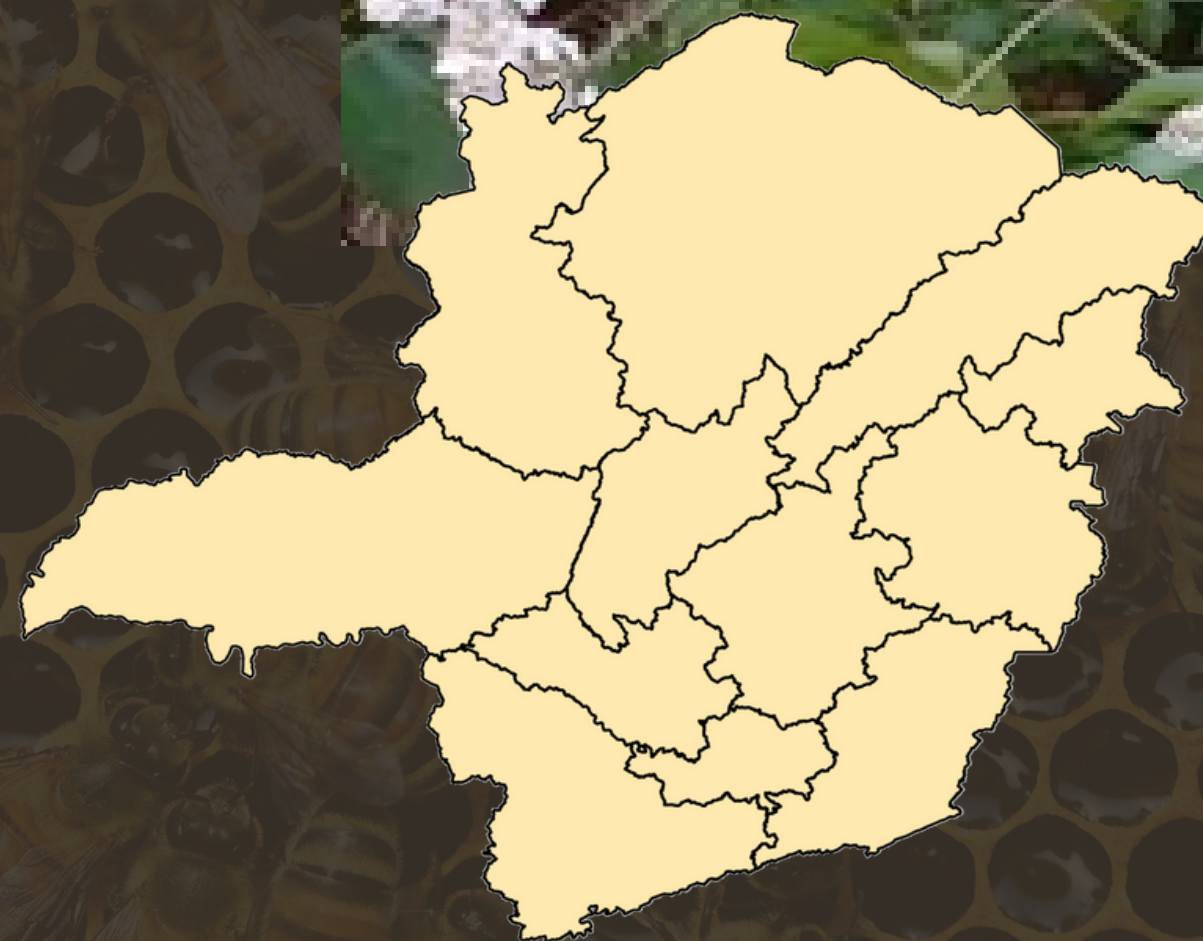
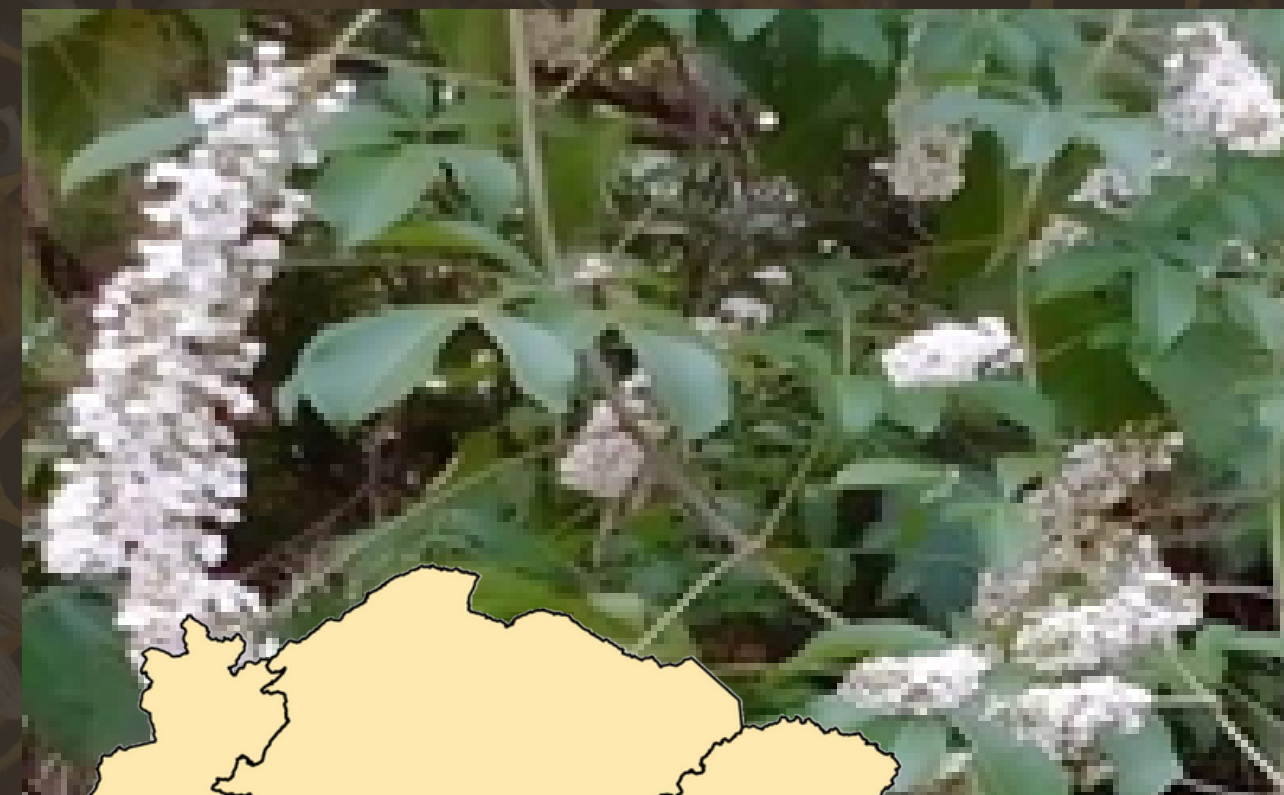
Capixingui blossom honey has a light amber color, with a pleasant and characteristic flavor.

Found mainly in the areas influenced by the Atlantic forest of the East of Minas.



"CIPÓ-UVA" BLOSSOM HONEY

Recognized for its antioxidant action, especially in the liver, "cipó-uva" (grapevine) blossom honey is found in spring and summer throughout the state.



"PERIQUITEIRA" BLOSSOM HONEY

It is a tonic honey, recommended for rickets, also acting as an emollient in the respiratory tract, against catarrhal coughs, pulmonary disorders, bronchitis, pharyngitis, asthma, presenting a strongly expectorant action.

Present in the Northern region of Minas Gerais.



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Thank you!

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