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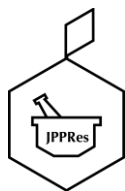
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## The profile of Brazilian agriculture as source of raw material to obtain organic cosmetics

[El perfil de la agricultura brasileña como fuente de materia prima para obtener cosméticos orgánicos]

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### Dear Editor:

The concept of organic products has expanded beyond food sector foods. Although it still causes resistance in some people, it has already captured a wide public, since the basic conditions that define organic products are an absence of agricultural toxins and chemical fertilizers during cultivation. True organic cosmetics are composed only of natural ingredients, with a minimum of 95% of the raw materials used, produced according to the precepts of organic agriculture. They also do not contain preservatives, synthetic fragrances, or petroleum derivatives, among other components of non-natural origin (Kapsnet, 2007; Ethos, 2012). This differentiates them in terms of composition from other cosmetics that claim to possess organic ingredients, i.e., among other non-organic raw materials that make up such products, which additionally contain organic ingredients.

Pereira (2009) has stated that the cosmetics represent the greatest investment in research involving natural raw materials, especially in Brazil, which with the exploration of its biodiversity, adopted agroforestry type production processes that integrate vegetation production with the ecosystem, producing environmental, social, and economic benefits. Therefore, a significant element in the spread of organic cosmetics in Brazil is related to policies for sustainability, which promote environmental integrity through the practice of using non-extractive raw materials, as well as recycling packaging. To assure that all the requirements of organic products are met agencies

emerged (ECOCERT and IBD) inspect and certify the production from the raw materials stage through to the finished product (Higuchi, 2013). At the beginning of the 1980, the Institute of Biodynamic Development was founded (IBD, 2009). The only 100% nationally regulated institute, internationally recognized, which carries the credentials for exports destined for all countries. In addition, health researchers are concerned about the raw materials used in the manufacture of cosmetics, which cause allergies, proposing therefore, organic cosmetics as an alternative (De Buzin, 2016).

With one of the most notable floras in the world for sustainable research, the Brazilian Amazon region currently counts on financial incentives from the Brazilian Government for private national and foreign businesses. The ongoing implantation of a Biocosmetics Research and Development Network (REDEBIO) aims to stimulate research involving natural resources from the Brazilian states that make up the zone defined as “Amazônia Legal”. The objective of this region, still under development in Brazil, is principally to aggregate value to products manufactured in small local industries through the use of sustainable technology currently being established. Certain certified raw materials already included in the country's sustainability program, have also begun to be cultivated according to the requirements of organic cultivation (Neves, 2009). The majority are species of Amazonian vegetation: *Euterpe oleracea* (Açaí), *Orbignya martiana* (Babaçu), *Theobroma grandi-florum* (Cupuaçu), *Carapas guianensis* (Andiroba), *Pentaclethra macroloba* (Pracaxi), *Copaifera landesdorffii*

(Copaiba), *Platonia insignis* (Bacuri), *Theobroma cacao* (Cacao), *Virola surinamensis* (Ucuuba) and *Bertholletia excelsa* (Brazil nut). These generate phytopreparations, such as oils, extracts, and dyes that are widely used in the manufacture of Brazilian organic cosmetics with scientifically proven topical and capillary benefits (ABIHPEC, 2012). In the final balance, Brazilian organic cosmetics should continue to gain force over the next few years, especially with the regulation of the organic cosmetics market that is being drafted by the Brazilian Ministry of Agriculture. Moreover, lines of ecologically aware products that provide quality of life for both for rural and metropolitan communities show a tendency to occupy greater space in the market.

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#### CONFLICT OF INTEREST

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The author declares no conflict of interest.

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