



Pesticides Residue on Brazilian Tomatoes, Food Safety and President Bolsonaro



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Introduction

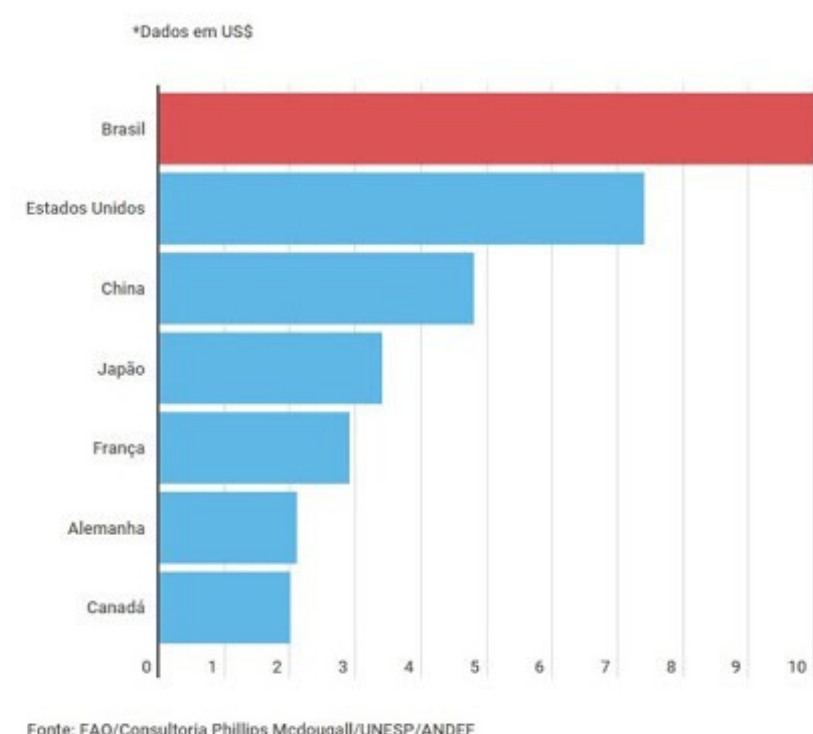
Brazil has a very fertile soil for planting tomatoes. However, farmers use pesticides in excess to guarantee an abundant harvest and put aside the generated. Harms the government demonstrates support for launching flexibilization laws for pesticide approval.

Therefore, this research analyzes the high level of pesticide releases in the current Bolsonaro government and its perniciousness to human life.

Material and Methods

- Tomatoes planted in Brazil;
- Pesticides released in Brazil;
- Data collected by ANVISA, and the role this regulatory agency fulfills on inspecting medicines, pesticides, cosmetics, other related to health products in Brazil;
- Scientific articles with the study of pesticides in food, focusing on tomatoes;
- Brazilian pesticide legislation;
- Laws analyzed by of the Chamber of Deputies.

World ranking of pesticide use:



Objectives

- Analyze one of the most important vegetables in daily consumption in Brazil (tomatoes);
- Identify the most important legislative changes in the promotion of pesticides;
- Detect the amount of pesticides throughout Bolsonaro's mandate;
- Analyze diseases caused by the consumption of food with pesticides.

Findings

- Approval of law No. 6299/2002, changing the pesticide inspection agency to CNTFito;
- Release of 624 pesticides since Jair Bolsonaro took office;
- Tomatoes are among the leaders of overuse of pesticides in Brazil;
- About 30% of the ingredients of the formation of pesticides released this year (2020) in Brazil are prohibited in Europe;
- According to the World Health Organization (WHO), 20 thousand deaths are registered per year due to the consumption of pesticides, and Brazil has been the country with the highest consumption of these products since 2008.

Results

- Law No. 6299/02 seeks to change the name from "pesticide" to "phytosanitary products", which softens its real content. It also changes in the current inspection bodies (Anvisa and Ibama) to CNTFito;
- Due to great usage of pesticides, Europe has imposed restrictions on Brazilian tomatoes Europe has one of the largest number of consuming countries when compared to other continents;
- A study commissioned by the Ministry of Health and carried out by the Butantã Institute, coordinated by Mônica Lopes Ferreira, proved that there is no safe dose of pesticides.



Results

Main origins and destinations of fresh tomato exports to Brazil in 2017:

Countries	UF Product	2017- FOB Value (US\$)	2017 -Liquid Kilogram
Argentina	Minas Gerais	1.498.719	3.776.100
Argentina	São Paulo	425.688	1.415.850
Paraguay	Santa Catarina	123.104	763.765
Paraguay	Goiás	29.327	180.985
Uruguay	São Paulo	22.800	24.000
Paraguay	São Paulo	19.119	111.607
Paraguay	Paraná	14.997	79.943
Paraguay	Bahia	9.176	58.750
Germany	Espírito Santo	440	450
Turkey	Pará	171	205
Greece	Espírito Santo	47	30
Hong Kong	Rio Grande do Sul	28	25
Totals		2.143.616	6.411.710

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