

RESUMO - OUTRAS ÁREAS TEMÁTICAS

VETERINARY PHARMACEUTICAL PRODUCTS IN BRAZIL: THE PREDOMINANCE OF ANTIPARASITICS IN NATIONAL REGISTRATION

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Animal health plays an essential role in society and commerce, covering disease monitoring, animal welfare, food chain risk control, and public health. Healthy animals are crucial for collective health and for the agricultural and food industries, generating higher economic returns. Brazil is prominent in agribusiness as a significant global food supplier, responsible for feeding around 10% of the world's population. Simultaneously, the pet market is expanding, driven by the increasing humanization of companion animals. Consequently, the

animal health market is one of the most important sectors nationally and globally, playing a significant role in economic growth. Our objective was to conduct a data survey through MAP's BI panels to quantitatively assess registered antiparasitics in Brazil, their active pharmaceutical ingredients (APIs), and target species. We found a total of 3,046 products across 36 distinct classes approved by MAP, with 32.93% (1,003) identified as antiparasitics. Cattle lead registrations with 35.29%, followed by dogs (21.54%), horses (5.78%), cats (2.79%), poultry (3.59%), swine (1.5%), sheep (0.6%), and fish (0.1%). Products for dogs and cats account for 12.66%, while 1.4% are for animal facilities, and the remaining products (14.74%) are multi-species. Of the 824 registered molecules, 20.75% (171) have antiparasitic properties, with eight among the top 15 APIs. Ivermectin ranks first with 143 products, followed by cypermethrin and permethrin, with 115 and 87 products, respectively. Fipronil is sixth with 54 products, praziquantel eighth with 50, abamectin ninth with 40, fluazuron eleventh with 44, and chlorpyrifos fourteenth with 40 registered products. The results confirm that antiparasitics are the leading therapeutic class in Brazil's animal health industry, especially for highly represented species in the veterinary market. This highlights these products' significant impact on animal health and welfare, productive performance, and food safety, contributing to the stability of both the pet and agribusiness sectors.

Palavras-chave: mapa; animal health; veterinary industry.