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SISPA Platform marks major regulatory modernisation in Brazilâ??s pesticide sector

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Brazil has unveiled a new unified digital platform aimed at modernising and integrating the countryâ??s pesticide registration process, marking a significant regulatory shift within one of the worldâ??s largest agricultural markets. The platform, known as SISPA â?? the Unified Information, Petition and Electronic Evaluation System â?? has been jointly introduced by Brazilâ??s Ministry of Agriculture and Livestock and the National Health Surveillance Agency (Anvisa).

The initiative is designed to replace Brazilâ??s previously fragmented approval structure, under which pesticide manufacturers were required to submit separate applications to multiple federal agencies responsible for agronomic, toxicological, and environmental assessments. Under the earlier framework, companies had to independently file documentation with the Ministry of Agriculture, Anvisa, and the Brazilian Institute of Environment and Renewable Natural Resources (Ibama), often resulting in overlapping procedures and extended approval timelines.

With the introduction of SISPA, all regulatory submissions will now be processed through a single electronic platform coordinated by the Ministry of Agriculture, enabling simultaneous review and monitoring by the three participating agencies. Brazilian authorities said the system is expected to enhance transparency, improve traceability, reduce administrative duplication, and simplify communication between regulators and the private sector.

Officials indicated that one of the platformâ??s key operational advantages will be the ability for companies to monitor the status of applications in real time across all regulatory bodies involved in the approval process. The government expects this functionality to reduce repetitive document exchanges and procedural delays commonly associated with multi-agency reviews.

According to Brazilian regulators, the platform emerged from internal institutional requirements aimed at improving interoperability between existing regulatory systems. Authorities noted that the initiative forms part of Brazilâ??s broader agenda to modernise agricultural defence infrastructure and accelerate digital transformation within the countryâ??s regulatory ecosystem.

Government representatives also stressed that SISPA does not alter Brazilâ??s technical standards or scientific evaluation criteria for pesticide approvals. Instead, the objective is to improve administrative efficiency, reduce operational costs, and create a more integrated and predictable registration environment for industry participants.

The project has been developed through collaboration between public institutions and private-sector organisations. Brazilâ??s cotton industry associations, including the Brazilian Cotton Producers Association and the Brazilian Cotton Institute, reportedly invested more than $6 million in the initiative. Additional institutional support was provided by the United Nations Development Programme (UNDP) and Brazilâ??s Ministry of Foreign Affairs.

Industry stakeholders expect the new platform to help shorten regulatory timelines and reduce procedural rework during application submissions. Standardised digital workflows are also anticipated to accelerate the introduction of new crop protection technologies and active ingredients into the Brazilian agricultural market.

As one of the worldâ??s leading agricultural producers and exporters of soybeans, corn, cotton, sugar, coffee, and meat products, Brazil operates an exceptionally large and strategically important pesticide registration system. Consequently, the launch of SISPA is being closely watched by multinational agrochemical companies, generic manufacturers, biological input developers, and global trade partners seeking greater regulatory efficiency and market predictability.

Brazilian authorities further indicated that the platform could strengthen technical cooperation with other countries across Latin America and Africa, while reinforcing Brazilâ??s competitiveness in increasingly demanding international agricultural markets.