25 YEARS ON B. THURINGIENSIS STUDIES IN BRAZIL.

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Bacillus thuringiensis. Bt based. ABSTRACT bioinsecticides, began to be studied in Brazil in 1970. At the Food Eng. School FEA/UNICAMP there were developed a series of Doctorate and Free-Docence Thesis (1970-1988). From 1989-1994 the main researcher moved University Paulista-UNESP, State introducce research lines and advise scholarships. The subject varied studying mass production, to studies engineering parameters, agitation, aeration rheology. Processes were developed continuous. liquid and semisolid fermentations. Substrates like aproindustrial residues and/or residual wastewaters from food and availlable industries. low cost in Brazil. were used. Eight thesis. presented at UNICAMP Graduate Programs'Food Eng. and Agric. Engine. This work deals with papers published on Bt production and its uses in Brazil. Two Patents developed the deposited at Brazilian Institute Industrial Property-INPI. One Patent (BR PI 8500663) win the Governor Prize in 1985 and was sent to the World Industrial Property Organization -WIPO. Exposition of Women Inventors.in 1986 in Switzerland.