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Sommario/riassunto

This report represents the conclusions of a Joint FAO/WHO Expert Committee convened to evaluate the safety of residues of certain veterinary drugs in food and to recommend maximum levels for such residues in food. The first part of the report considers general principles regarding the evaluation of veterinary drugs within the terms of reference of JECFA, including compounds without an ADI or MRL; recommendations on principles and methods in derivation of MRLs, including a new procedure for estimating chronic dietary intakes; the use of a spreadsheet-based procedure for the statistical evaluation of residue depletion data; a revised approach for the derivation of microbiological ADIs; and the Committee's review of and comments on documents provided by the Codex Committee on Residues of Veterinary Drugs. Summaries follow of the Committee's evaluations of toxicological and residue data on a variety of veterinary drugs: three antimicrobial agents (colistin, erythromycin, flumequine), two production aids (melengestrol acetate, ractopamine hydrochloride, an insecticide (trichlorfon (metrifonate)), and an anthelminthic (triclabendazole). In addition, the attempt by the Committee to use tylosin as an example to investigate if evaluations are possible based on published data in the absence of data submissions from sponsors is described. Annexed to the report is a summary of the Committee's recommendations on these drugs, including acceptable daily intakes and proposed maximum residue limits.