

1. Record Nr.	UNINA9910784627003321
Titolo	Poisonous plants and related toxins // edited by T. Acamovic, C.S. Stewart, and T.W. Pennycott
Pubbl/distr/stampa	Wallingford, Oxon, UK ; ; Cambridge, MA, : CABI Pub., 2004
ISBN	1-281-90497-X 9786611904975 1-84593-358-3
Descrizione fisica	1 online resource (599 pages)
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Disciplina	581.659 636.089/5952
Soggetti	Livestock poisoning plants - Toxicology Poisonous plants - Toxicology Plant toxins - Physiological effect Livestock poisoning plants Poisonous plants
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers presented at the 6th International Symposium of Poisonous Plants, held in Glasgow, 2001.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Poisonous Plants and Related Toxins; Contents; Preface; Acknowledgements; Dedications; Chapter 1 Evolution of Toxins and Anti-nutritional Factors in Plants with Special Emphasis on Leguminosae; Chapter 2 Lack of Apparent Base Sequence Preference of Activated Pyrrolizidine Alkaloid Cross-links with DNA; Chapter 3 Correlation of an Endophytic Fungus (<i>Alternaria</i> spp.) with the Presence of Swainsonine in Lambert Locoweed (<i>Oxytropis lambertii</i>); Chapter 4 Delphinium Alkaloid Toxicosis in Cattle from Switzerland; Chapter 5 Toxicity of a Pyrrolizidine Alkaloid, Riddelliine, in Neonatal Pigs Chapter 6 Bacteria and Corynetoxin-like Toxins in Nematode Seed-galls in <i>Festuca nigrescens</i> from North America and New Zealand; Chapter 7 Preliminary In Vitro Studies of <i>Cistus salvifolius</i> Leaves in Relation to Metabolic Disorders in Sheep; Chapter 8 Fusarochromanone

and Wortmannin: Novel Fusarium Toxins; Chapter 9 Improved Methods for the Extraction and Purification of Corynetoxins for Preparative or Analytical Purposes using Water Solubilizing Additives; Chapter 10 Nephrotic Syndrome in Cattle Caused by the Shrub *Nolletia gariepina* in the Kalahari Sandveld of southern Africa
Chapter 11 The Concentration of Steroidal Sapogenins in and the Degree of Fungal Infection on *Narthecium ossifragum* Plants in More and Romsdal County, Norway; Chapter 12 Calcinosis in Ruminants due to Plant Poisoning: Contributions on the Pathogenesis; Chapter 13 Evaluation of *Ipomoea carnea* Toxicity to Growing Goats: Clinical, Biochemical, Haematological and Pathological Alterations; Chapter 14 Chemical and Pharmacological Investigation of Macrocyclic Diterpenoids Isolated from *Euphorbia* Species; Chapter 15 Disposition of Swainsonine in Sheep Following Acute Oral Exposure
Chapter 16 Stimulating Effect of Aflatoxin B₁ on Lipid Peroxidation in the In Vitro Model Systems; Chapter 17 An Indirect Competitive ELISA for Pyrrolizidine Alkaloids of *Heliotropium europaeum*; Chapter 18 Victor King Chesnut (1867-1938), a Poisonous Plant Pioneer; Chapter 19 Phomopsin Intoxication of the Rat Causes Prodigious Loss of Bodyweight and Liver weight; Chapter 20 The Role of Condensed Tannins on the Rumen Degradation of *Lotus pedunculatus*; Chapter 21 Cyclopiazonic Acid: Food Chain Contaminant?
Chapter 22 Calystegines Isolated from *Ipomoea* spp. Possibly Associated with an Ataxia Syndrome in Cattle in North Western Australia; Chapter 23 Spectrofluorometric Analysis of Phylloerythrin in Plasma and Skin from Sheep Suffering from Hepatogenous Photosensitization; Chapter 24 Plants Toxic for Domestic Animals in the State of Paraiba, Northeastern Brazil; Chapter 25 Occurrence of Cyanogenic Glycosides in Seeds and Seedlings of *Idiospermum australiense*, a Primitive Rainforest Angiosperm from Tropical Australia; Chapter 26 Photosensitization in Cattle in Southern Brazil; Chapter 27 Transformed Root Cultures of *Solanum dulcamara* and Production of Secondary Metabolites

Sommario/riassunto

This book presents edited papers from the 6th International Symposium on Poisonous Plants, held in Scotland in August 2001. It covers a range of topics from plant biochemistry to toxic effects in animals (particularly grazing farm animals) and humans.