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Nota di contenuto	Aflatoxins : An overview -- Bentonite properties, formation, and distribution as adsorbents of aflatoxin in grain: The Texas case study -- Methods of analysis used in selecting smectite adsorbents -- Interactions of aflatoxin B1 with smectites : Interlayer accessibility, bonding mechanisms, and size matching -- Aflatoxicosis in poultry : Remediation with bentonite clays -- Impacts of aflatoxins on swine nutrition and possible measures of amelioration.
Sommario/riassunto	Aflatoxin contamination represents a serious threat to a healthy food supply. Resulting from mold on corn, peanuts, and other grains and grain products, aflatoxins are extremely toxic. Understanding the nature of fungi infection and the factors that favor aflatoxin formation is important to grain producers, dealers, and other professionals who control grain from the field to the site of consumption to prevent serious loss of large quantities of grain or grain products. Producers of poultry, cattle, sheep, pigs, and even pet food need to be aware of the threat of aflatoxin. Participants in the grain industry who grow, store, or process corn and other grains subject to potential infection by aflatoxin should be aware of the risks of fungal infection and aflatoxin contamination, and proper management strategies. The authors focus on the binding of aflatoxin in animal feeds by employing calcium smectite. Readers will be especially glad to know that aflatoxin can often be controlled with a natural mineral material to bind aflatoxin in

animal feeds at a modest cost.--
