Aflatoxins
Finding Solutions for Improved Food Safety

Edited by
Laurian Unnevehr and Delia Grace
Focus 20 • Table of Contents • November 2013

Introduction
SHENGGEN FAN, RAJUL PANDYA-LORCH, AND JOHN MCDERMOTT

1. Tackling Aflatoxins: An Overview of Challenges and Solutions
LAURIAN UNNEVEHR AND DELIA GRACE

HEALTH

2. Aflatoxicosis: Evidence from Kenya
ABIGAEL OBURA

3. Aflatoxin Exposure and Chronic Human Diseases: Estimates of Burden of Disease
FELICIA WU

4. Child Stunting and Aflatoxins
JEFF L. LEROY

5. Animals and Aflatoxins
DELIA GRACE

MARKETS

DAVID CREAN

7. Farmer Perceptions of Aflatoxins: Implications for Intervention in Kenya
SOPHIE WALKER AND BRYN DAVIES

8. Market-led Aflatoxin Interventions: Smallholder Groundnut Value Chains in Malawi
ANDREW EMMOTT

9. Aflatoxin Management in the World Food Programme through P4P Local Procurement
STÉPHANE HÉAUX, ELINI PANTIORA, AND SHERYL SCHNEIDER

10. Reducing Aflatoxins in Africa’s Crops: Experiences from the Aflacontrol Project
CLARE NARROD

11. Cost-Effectiveness of Interventions to Reduce Aflatoxin Risk
FELICIA WU

POLICY

12. Trade Impacts of Aflatoxin Standards
DEVESH ROY

13. Codex Standards: A Global Tool for Aflatoxin Management
RENATA CLARKE AND VITTORIO FATTORI

14. The Role of Risk Assessment in Guiding Aflatoxin Policy
DELIA GRACE AND LAURIAN UNNEVEHR

15. Mobilizing Political Support: Partnership for Aflatoxin Control in Africa
AMARE AYALEW, WEZI CHUNGA, AND WINTA SINTAYEHU

TECHNOLOGY

16. Biological Controls for Aflatoxin Reduction
RANAJIT BANDYOPADHYAY AND PETER J. COTTY

17. Managing Aflatoxin Contamination of Maize: Developing Host Resistance
GEORGE MAHUKU, MARILYN L. WARBURTON, DAN MAKUMBILI, AND FELIX SAN VICENTE

18. Reducing Aflatoxins in Groundnuts through Integrated Management and Biocontrol
FARID WALIYAR, MOSES OSIRU, HARI KISHAN SUDINI, AND SAMUEL NJOROGE

19. Improving Diagnostics for Aflatoxin Detection
JAGGER HARVEY, BENOIT GNONLONFIN, MARY FLETCHER, GLEN FOX, STEPHEN TROWELL, AMALIA BERNA, AND ROSS DARNELL

References

2020 Focus Briefs