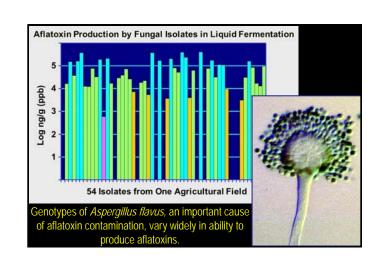
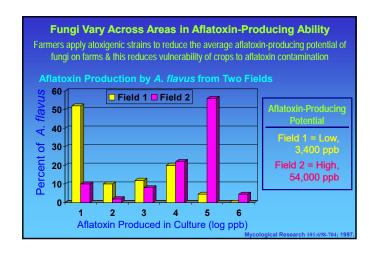
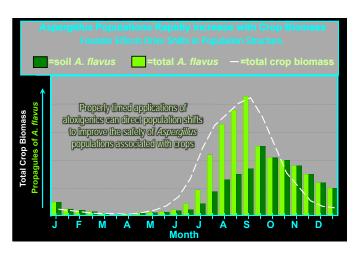




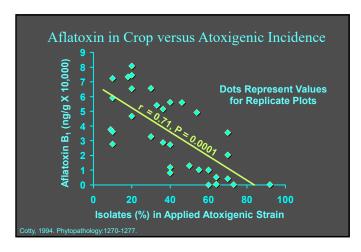
# Aflatoxin Biocontrol in the US First Patent Application: 1989 First Conference with Environmental Protection Agency: 1992 Used on commercial crops in US since 1996. Three Products Currently Registered Over 1 Million Acres Treated Annually Registered Target Crops: Maize Grain, Maize Silage, Pistachios, Cottonseed, Peanut (Almond & Fig in registration process). Biocontrol in Africa There is Severe Human Exposure to Aflatoxins in Several African Nations. Products registered for use in Nigeria, Kenya, Senegal/Gambia. Target Crops: Maize & Groundnut.





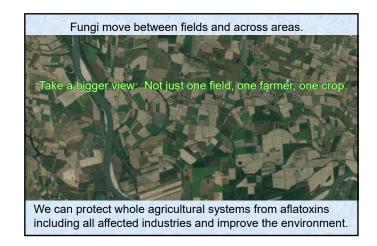


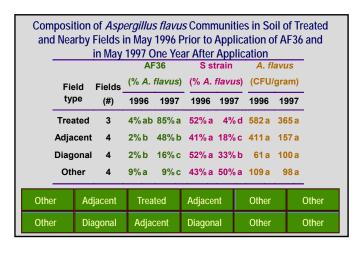


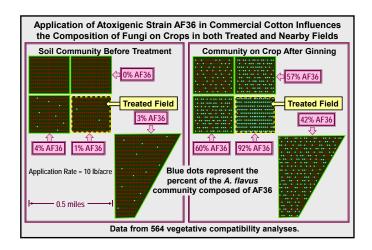


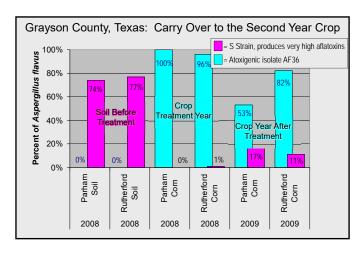


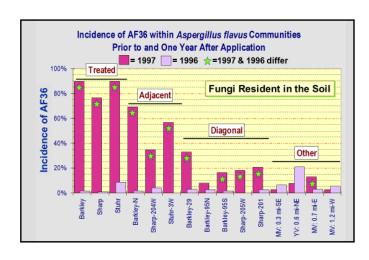
Area	Samples (#)	AF36 (%)	Aflatoxin (ppb)	
			Mean	Range
Grayson North	17	96 a	12 a	0 to 48
Grayson South	16	98 a	15 a	0 to 38
Grayson Control	8	24 b	230 b	5 to 530

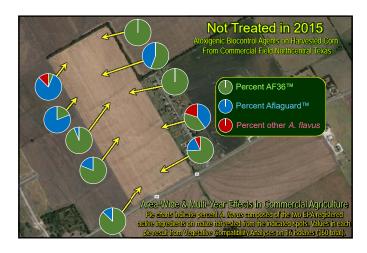










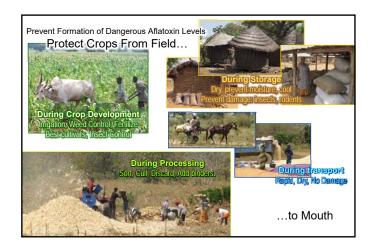


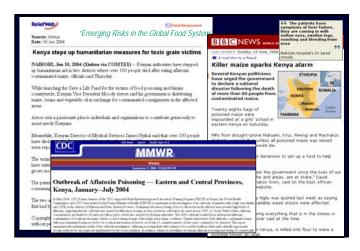


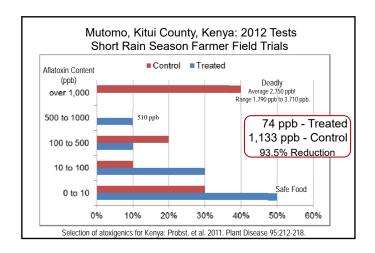




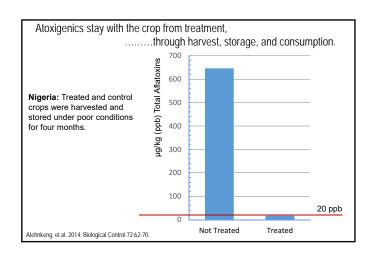




















# Crops are infected by complex communities of diverse fungi

We can influence aflatoxin-producing ability of fungal communities resident in production areas through crop rotations, agronomic practice, and by applying atoxigenic strains

# There are many atoxigenic strains

Select strains best adapted to rotations, ecosystems, & climates

Atoxigenics are Already Present on the Crop
Just increasing the frequency of endemic strains & natural interference with contamination

Treatments have Long-Term Influences & Cumulative Benefits

All Crops in an Area May Benefit From Applications

and without increasing the overall quantity of A. flavus on the crop & throughout the environment