

DRAFT LIST OF POTENTIALLY HAZARDOUS CONTAMINANTS IN ANIMAL FEED AND FEED INGREDIENTS

1. BIOLOGICAL CONTAMINANTS

- A. Transmissible Spongiform Encephalopathies
 - i. Bovine spongiform encephalopathy (BSE)
 - ii. Chronic wasting disease (CWD)
- B. Microbiological Contaminants
 - i. Bacteria
 - 1. Bacillus spp.
 - 2. Clostridium spp.
 - 3. Escherichia coli
 - 4. Mycobacterium spp.
 - 5. Pseudomonas spp.
 - 6. Salmonella enterica (various serotypes)
 - 7. Staphylococcus spp.

2. CHEMICAL CONTAMINANTS

- A. Pesticides/Pesticide residues
 - i. Aldrin
 - ii. Benzene hexachloride
 - iii. Chlordane
 - iv. Chlorpyrifos
 - v. Chlorpyrifos-methyl
 - vi. Diazinon
 - vii. Dieldrin
 - viii. DDT+TDE+DDE
 - ix. Dicofol
 - x. Endosulfan
 - xi. Endrin
 - xii. Ethion
 - xiii. HCH alpha
 - xiv. HCH beta
 - xv. HCH gamma (lindane)
 - xvi. Heptachlor
 - xvii. Heptachlor + heptachlor epoxide
 - xviii. Hexachlorobenzene
 - xix. Malathion
 - xx. Methoxychlor
 - xxi. Mirex
 - xxii. Parathion
 - xxiii. Toxaphene (camphechlor)
 - xxiv. Tribuphos

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B. Mycotoxins

- i. Aflatoxins (B₁+B₂+G₁+G₂)
- ii. Fumonisin (B₁+B₁+B₃)
- iii. Deoxynivalenol (DON or vomitoxin)
- iv. Ochratoxin
- v. Zearalonone

C. Heavy Metals/Radionuclides

- i. Arsenic
- ii. Cadmium
- iii. Chromium
- iv. Lead
- v. Americium 241
- vi. Cesium 134
- vii. Iodine 131
- viii. Plutonium 238
- ix. Ruthenium 103
- x. Ruthenium 106
- xi. Strontium 90

D. Other Chemicals

- i. Ethoxyquin
- ii. Dioxins
- iii. Mercury
- iv. Perchlorate
- v. Polychlorinated biphenyls (PCBs)
- vi. Polyethylene glycol
- vii. Selenium

3. PHYSICAL CONTAMINANTS

- A. Plastic
- B. Glass
- C. Metal
- D. Other

- i. Bones (vermin, etc.)
- ii. Radiation from implanted devices in animals (see Radionuclides))