LABORATORY NEEDS
SURVEY RESULTS
Two Surveys

- One survey sent to all AAFCO Feed Program contacts listed in the AAFCO OP with assistance of Louise
  - 36 surveys returned

- Another survey sent to all AAFCO Feed Laboratory contacts listed in the AAFCO OP with assistance of Louise
  - 43 surveys returned
Anticipated Testing Needs of State Programs

- Microbiological tests
- Prohibited materials
- Veterinary drugs at formulated levels
- Multi-analyte mycotoxin confirmation method by LC-MS/MS
- Multi-analyte pesticide method by LC-MS/MS and/or GC-MS/MS
- Veterinary drugs at residue levels
- Fat-soluble vitamins (A, D, E & K)
- Low-level selenium
- Water-soluble vitamins
- Speciated metals (As, Hg, Cr)
- Amino acid profile
- Low-level mercury analysis
- Dioxin & furan determination
- Mineral availability, chelated mineral determination
- Veterinary drug analysis by plate assay techniques
- Other testing needs not listed (please specify)
- Microscopy
- Sugar profiles
- Fructans
- Speciation
- D甜蜜的糖
- Anticipated Testing Needs of State Programs
- Fructans
- Sugar profiles
- Mineral availability, chelated mineral determination
- Veterinary drug analysis by plate assay techniques
- Other testing needs not listed (please specify)
- Microscopy
- Low-level mercury analysis
- Dioxin & furan determination
- Speciated metals (As, Hg, Cr)
- Amino acid profile
- Water-soluble vitamins
- Low-level selenium
- Fat-soluble vitamins (A, D, E & K)
- Veterinary drugs at residue levels
- Multi-analyte pesticide method by LC-MS/MS and/or GC-MS/MS
- Multi-analyte mycotoxin confirmation method by LC-MS/MS
- Veterinary drugs at formulated levels
- Prohibited materials
- Microbiological tests
Anticipated Testing Needs of State Laboratories

- Mineral availability, chelated mineral determination
- Microscopy
- Fructans
- Dioxin & furan determination
- Veterinary drug analysis by plate assay techniques
- Sugar profiles
- Speciated metals (As, Hg, Cr)
- Prohibited materials
- Amino acid profile
- Low level selenium
- B vitamins
- Low-level mercury analysis
- Multi-analyte pesticide method by LC-MS/MS and/or GC-MS/MS
- Fat-soluble vitamins (E, D & K)
- Veterinary drugs at formulated levels
- Microbiological tests
- Veterinary drugs at residue levels
- Multi-analyte mycotoxin confirmation method by LC-MS/MS
- No current plans to add additional testing capabilities.
Common Priorities Between Programs and Laboratories

- Microbiological Tests  Programs, 16 (44 %); Labs, 7 (16 %)
- Veterinary Drugs at Formulated Levels  Programs, 13 (36 %); Labs, 7 (16 %)
- Multi-analyte Mycotoxin Confirmation  Programs, 13 (36 %); Labs, 7 (16 %)
- Multi-analyte Pesticide Method  Programs, 13 (36 %); Labs, 7 (16 %)
- Veterinary Drugs at Residue Levels  Programs, 12 (33 %); Labs, 8 (19 %)
- Fat Soluble Vitamins (A, D, E & K)  Programs, 11 (31 %); Labs, 5 (14 %)
Discrepancies in Priorities Between Programs and Laboratories

- Prohibited Materials: Programs, 16 (44 %); Labs, 1 (2 %)
- Low Level Selenium: Programs, 10 (28 %); Labs, 2 (5 %)
- Water Soluble Vitamins: Programs, 10 (28 %); Labs, 2 (5 %)
- Amino Acid Profiles: Programs, 6 (17 %); Labs, 1 (2 %)
- Speciated Metals: Programs, 6 (17 %); Labs, 1 (2 %)
- Dioxins: Programs, 5 (14 %); Labs, 0 (0 %)
Uncompleted work.

- No further evaluation completed.
- Would be interested in a willing helper.