FFMSS Workshop
Review of Technical Issues Arising
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Technical Issues - Organization

• National Food Fortification Alliance Status
  – Still in existence?
  – Operational status and Technical capacity?
  – Status of its authority/mandate?
Technical Issues - Premixes

• Fortificants, types, forms etc.
  – Recommended types and forms of both vitamins and minerals.
  – Mixed forms of iron compounds – rationale
  – Ensure consistency with current WHO Recommendations
Technical Issues – Production

• Large Scale Production vs Small Scale Production – Fortification capability
  – Sub-Saharan Africa maize
  – North Africa wheat

• Refine Definition of Small Scale
  – Registered formal businesses 10 – 20 Ton per day
  – Informal small service mills < 10 Ton per day
Technical Issues – QA/QC

• Process Control system as part of QA system
• Iron Spot Test Revision for EDTA
  – Provide revised method
  – Obtain Official AACC status modification
• i-Check Technology for rapid measurement of micronutrients in foods & use for NaFeEDTA fortified flours
Technical Issues – External Monitoring

• Definition of Non-Compliance of fortified foods i.e. if one micronutrient is out of spec and others are OK. Is this non compliance?
• Lack of technical knowledge in all aspects of fortification by regulators
Technical Issues – Surveillance/Impact measurements

- Selection of Biomarkers
- Serum Ferritin Analysis methods for use in countries
- Rapid test for measuring CrP
- Zinc measurement
- Non invasive or lancet type methods
- Possible use of i-Check technology
In God We Trust

All others please bring data!!!