## Questionnaire on Demographics, Practices, Understanding and Perceived Health Risk of Fungal and Mycotoxins Contamination amongst Fermented Food Sellers in Nigeria

(Instruction: Tick as appropriate)

| Food Type:  |                         |                                    |  |  |  |  |  |
|---|-------------------------|------------------------------------|--|--|--|--|--|
| Location:   |                         |                                    |  |  |  |  |  |
| 1. Socio-demographic Variables                              |                         |                                    |  |  |  |  |  |
| a) Gender Male  | Female                  |                                    |  |  |  |  |  |
| b) Age <30 Years  |                         |                                    |  |  |  |  |  |
| c) Education Level  |                         |                                    |  |  |  |  |  |
| None  | Primary                 | Secondary Tertiary                 |  |  |  |  |  |
| 2. Fermented Food Characteristics                           |                         |                                    |  |  |  |  |  |
| a) Fermented food source                                    |                         |                                    |  |  |  |  |  |
| Home processed  | Purchased in the market | Purchased directly from processors |  |  |  |  |  |
| b) Storage duration of raw materials of the fermented food  |                         |                                    |  |  |  |  |  |
| 1-3 Months  | >3 Months               | Not Applicable                     |  |  |  |  |  |
| c) Storage duration of fermented food before sale           |                         |                                    |  |  |  |  |  |
| 1-7 Days  | >7 Days                 |                                    |  |  |  |  |  |
| d) Storage method of raw materials of fermented food        |                         |                                    |  |  |  |  |  |
| Bags  | Containers              | Not Applicable                     |  |  |  |  |  |
| e) Storage method of fermented food before sale             |                         |                                    |  |  |  |  |  |
| Polyethylene bags   | Containers              | Paper Leaves                       |  |  |  |  |  |
| Wooden boxes  |                         |                                    |  |  |  |  |  |
| f) Average shelf life of raw material of the fermented food |                         |                                    |  |  |  |  |  |
| 1 Month   | >1 Month                | Not Applicable                     |  |  |  |  |  |
| g) Average shelf life of the fermented food                 |                         |                                    |  |  |  |  |  |
| 1-3 Days  | 3-7 Days                | >7 Days                            |  |  |  |  |  |
| h) Mode of consumption                                      |                         |                                    |  |  |  |  |  |
| Directly  | As food ingredient      | Both                               |  |  |  |  |  |

## 3. Knowledge of Fungi, Mycotoxins and Health Effects

| S/N                                   | Questions   Yes                       |        |        |      | No         |  |  |  |
|---------------------------------------|---------------------------------------|--------|--------|------|------------|--|--|--|
| 1                                     | Do you know what fungi are?           |        |        |      |            |  |  |  |
| 2                                     | Can you identify food/crops           |        |        |      |            |  |  |  |
|                                       | contaminated with fungi?              |        |        |      |            |  |  |  |
| 3                                     | Do you experience fungal              |        |        |      |            |  |  |  |
|                                       | contamination in the fermented food   |        |        |      |            |  |  |  |
|                                       | you offer for sale?                   |        |        |      |            |  |  |  |
| 4                                     | How frequent do you experience fungal | Rarely | Freque | ntly | Not        |  |  |  |
|                                       | contamination?                        |        |        |      | Applicable |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
| 5                                     | Why do you think fungal               |        |        |      |            |  |  |  |
|                                       | contamination occur?                  |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
| 6                                     | Does fungal contamination of          |        |        |      |            |  |  |  |
|                                       | foodstuffs cause any health problem   |        |        |      |            |  |  |  |
|                                       | when contaminated foods are           |        |        |      |            |  |  |  |
|                                       | consumed?                             |        |        |      |            |  |  |  |
| 7                                     | Do you know fungi produce toxins      |        |        |      |            |  |  |  |
|                                       | called 'mycotoxins'?                  |        |        |      |            |  |  |  |
| 8                                     | Do you know the health effect         |        |        |      |            |  |  |  |
|                                       | associated with mycotoxin             |        |        |      |            |  |  |  |
|                                       | contamination?                        |        |        |      |            |  |  |  |
| 9                                     | Are you willing to attend training on |        |        |      |            |  |  |  |
|                                       | mycotoxins and how they can be        |        |        |      |            |  |  |  |
|                                       | reduced in our foods?                 |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
| 4. Any other comment or suggestion(s) |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |
|                                       |                                       |        |        |      |            |  |  |  |