**Mass Balance Calculation**

A mass balance calculation shall be completed in conjunction with a product recall test to demonstrate that all outloads associated with a specific lot or batch of product can be accounted for. Each outload shall be connected to a customer or other destination (e.g. animal feed) and the total quantity of outgoing product shall be reconciled against the total harvested yield (minus waste). Estimates of harvested yield may be used where necessary. Where there is a discrepancy between the **mass balance total** and **total harvested yield**, an explanation for the variance shall be recorded. Please use extra sheets of paper where needed.

**Harvested Yield**

|  |  |  |  |
| --- | --- | --- | --- |
| **Crop** | **Date/s of harvest** | **Lot / batch** | **Total harvested yield (kg)** |
|  |  |  |  |

**Mass Balance Reconciliation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Outload 1** | **Outload 2** | **Outload 3** | **Outload 4** | **Total** |
| Date |  |  |  |  |  |
| Batch reference |  |  |  |  |  |
| Customer (or other destination) |  |  |  |  |  |
| Quantity (kg) |  |  |  |  |  |
| Waste (kg) |  |  |  |  |  |
| Reason for wastage |  |  |  |  |  |
| Sum of all outloads (kg) |  |  |  |  |  |
| Sum of all wastage (kg) |  |  |  |  |  |
| **Mass balance total (kg)** |  |  |  |  |  |

**Comments (including explanation for variance where applicable)**

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|  |