**Mass Balance Calculations**

A mass balance calculation is required to show the amount of incoming raw material against the amount used in finished products, taking into account process waste and re-work. Documents to demonstrate mass balance must be clearly identified.

Raw materials (quantity in kg) = processing/ storage (yield + waste + rework) = finished products (quantity in kg)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Crop 1 | Crop 2 | Crop 3 | Crop 4 |
| Variety |  |  |  |  |
| Red Tractor number of supplying grower |  |  |  |  |
| Country of origin (if unassured) |  |  |  |  |
| Total field acerage (Ha) |  |  |  |  |
| Total yield harvested (eg kg) |  |  |  |  |
|  |  |  |  |  |
| Total protected crop acerage (Ha) |  |  |  |  |
| Total yield harvested (eg kg) |  |  |  |  |
| Total weight packed (eg kg including giveaway) by:  Customer  For wholesale market |  |  |  |  |
| Total weight sold (eg kg) |  |  |  |  |
| Total weight secondary use eg animal feed (eg kg) |  |  |  |  |
| Total waste weight – recorded landfill (eg kg) |  |  |  |  |
| Total waste weight – returned to land (eg kg) |  |  |  |  |