Sampling

• Sampling means randomly taking products and/or packages and checking these.
  - Samples shall be selected randomly from the entire lot.
  - The number of samples shall be that stipulated for the size of the lot (according to the table).

• If sampling is made in accordance with provisions, the result of the sampling will be representative for the entire lot.
Selection in the lot

• Boxes selected for control must be taken from all parts of the lot.
Selection in the pallet

- Boxes selected for control must also be taken from all parts of the pallets, i.e. also the bottom layers.
Truly random selection

- Do not select samples from where you think you will find non-conformities, stick to true random sampling.
- But damaged boxes must be set aside and checked separately.
Variation in quality within a lot

- If the quality of the lot clearly differs, with some pallets having a different quality, the sampling method does not work properly.
- The lot must then be divided into two or more separate lots with reasonably homogenous quality.
What is a lot?

A lot is a clearly defined and clearly identifiable quantity of produce assumed to be homogenous in terms of variety, maturity, size, category, origin etc.
One lot or several lots? when checking a consignment

- Does the consignment contain
  - Products from different packhouses
  - Products from different growers
  - Products of different sizes
  - Products of different picking date
  - Type of packaging and presentation

If one of these parameters is considered relevant they are then different lots.

- In those cases the consignment must be divided into different lots that are checked separately.
### Lot and sample size

for products packed in packages (boxes etc.)

<table>
<thead>
<tr>
<th>No of packages in the lot</th>
<th>No of packages in the sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>1- 100</td>
<td>5</td>
</tr>
<tr>
<td>101 - 300</td>
<td>7</td>
</tr>
<tr>
<td>301 - 500</td>
<td>9</td>
</tr>
<tr>
<td>501 - 1000</td>
<td>10</td>
</tr>
<tr>
<td>More than 1000</td>
<td>At least 15</td>
</tr>
</tbody>
</table>
How much shall be checked in each package?

- The inspector shall check from each package sampled at least:
  - 30 pieces (or grape bunches, tomatoes etc) if the package contains 25 kilos or less.
  - 30 x 100 g of small products like cherries
  - 3 consumer packages if each consumer package contains 10 products or more
  - 5 consumer packages if each consumer package contains 9 products or less