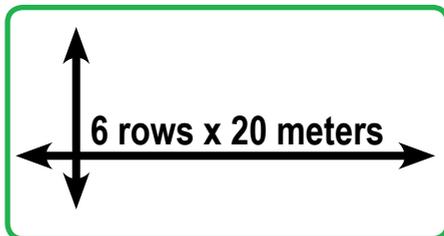


## 3 Step Guide to Assessing Harvesting MONITOR LOSSES TO FIND YOUR GAINS

### 1. SURFACE LOSSES

Collect whole beet left on surface  
from set area.



6 kg of root equates to 1 t/ha of lost yield



Surface loss (kg)	Yield loss (t/ha)
6	1
9	1.5
12	2
15	2.5

## 2. CROWNING LOSSES



**UNDER-CROWNED**

Petiole > 2cm

Target < 5%

### OPTIMAL CROWNING

Petiole < 2cm | Defoliated

Target < 90%



**OVER-CROWNED**

Crown material removed

Target < 5%

Over crowning causes the highest level of yield losses, with approximately 1 t/ha lost for every 5% of beet over-crowned. For more details and latest test results visit: [www.bbroy.co.uk/on-farm](http://www.bbroy.co.uk/on-farm)

## 3. ROOT BREAKAGE

Measure the diameter of root damage in at least 20 representative roots, ideally 100 roots per sample

Root breakage diameter (cm)	For every 10% of roots in each sample	Yield loss t/ha
2-4	10%	0.5
4-6	10%	1.0
6-8	10%	2.0
8-10	10%	3.0



2cm