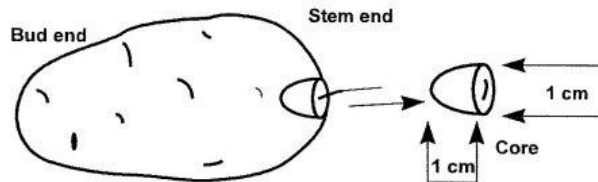


## SUBMISSION GUIDE FOR BACTERIAL RING ROT (BRR) TESTING OF SEED POTATOES

### How to Take a Core from a Tuber:



Note: the core in this diagram is drawn to scale.

### Sample sizes required for BRR testing:

Field Size (ha)	Field Size (ac)	Samples Size
40.000 ha or more	98.842 ac or more	800 tubers/cores
4.000 ha to < 40.000 ha	9.884 ac to < 98.842 ac	400 tubers/cores
1.000 ha to < 4.000 ha	2.471 ac to < 9.884 ac	200 tubers/cores
0.025 ha to < 1.000 ha	0.062 ac to < 2.471 ac	100 tubers/cores
less than 0.025 ha (plots)	less than 0.062 ac (plots)	1.0% of tubers harvested (min. of 5 and a max. of 50)

Samples must be properly identified with completed [BRR tags](#) attached prior to shipping.

Original, signed tags in duplicate are required for each seed lot tested; one tag attached to the outside of the sample bag and one, in a separate zip-lock bag, inside with the sample.

Core samples must be submitted using a courier service to avoid degradation of the sample in transit; the shipping label must be initialled by the person submitting the sample.

Please note that any seed lots being shipped to Idaho require an additional PCR test for BRR. The sample size for Idaho is 400 cores, so if the sample being submitted under the Canadian BRR requirement (see above table) is less than 400 tubers/cores, additional tuber/cores must be provided to make up the difference. These tubers/cores must be identified as being for the Idaho BRR PCR test.