

7 February 2017

Economic Commission for Europe

Steering Committee on Trade Capacity and Standards

Working Party on Agricultural Quality Standards

**Specialized Section on Standardization
of Seed Potatoes**

Forty-fourth session

Geneva, 29 March (p.m.) – 31 March 2017

Item 4 of the provisional agenda- Sample sizes

Sample Sizes – New Tables

Note by the secretariat

The following document contains new tables presented by New Zealand as lead Rapporteur to be inserted into document ECE/CTCS/WP.7/GE.6/2017/4.

The tables were prepared by a statistician, and are using a one-sided confidence interval. The table heading was modified to “Actual sample size (number of plants)” from “Actual sample size”.

Table 1. Acceptance numbers for 95% confidence that the stated tolerance is not exceeded

Tolerance (%)	Actual sample size (number of plants)									
	30,000	3000	1500	1200	600	380	300	200	150	50
0.01	Nil									
0.1	20	Nil								
0.2	47	1	Nil							
0.25	60	2	Nil	Nil						
0.5	129	8	2	1	Nil					
0.8	214	15	6	4	1	Nil				
1	271	20	8	6	1	Nil	Nil			
1.5	415	33	14	10	3	1	Nil	Nil		
2	559	47	20	15	6	2	1	Nil	Nil	
6	1732	158	74	58	26	14	11	6	4	Nil

Table 2. Acceptance numbers for 90% confidence that the stated tolerance is not exceeded

Tolerance (%)	Actual sample size (number of plants inspected)									
	23,100	2,310	1150	920	460	290	230	160	120	40
0.01	Nil									
0.1	16	Nil								
0.2	37	1	Nil							
0.25	47	2	Nil	Nil						
0.5	101	6	2	1	Nil					
0.8	167	12	4	3	Nil	Nil				
1	211	16	6	4	1	Nil	Nil			
1.5	322	26	11	8	3	1	Nil	Nil		
2	434	37	16	12	4	2	1	Nil	Nil	
6	1339	123	58	45	20	11	8	5	3	Nil