

Comparison of tolerances for categories and classes, and their designation, in UNECE, EU and national standards for seed potatoes
(Please complete the table with the national designation of and tolerances for categories and classes; add columns, if necessary)

	UN ECE Standard						EU Directives 2002/56 and 93/17 ¹					National designation of categories and classes (Ireland)					
	Pre-basic TC	Pre-basic	Basic class I	Basic class II	Certified class I	Certified class II	Basic				Certified	Basic					
							EC1	EC2	EC3	Unclassified		EC1 F1-F2	EC2 SE1-SE3	EC2 E	EC3 H		
1. Crop tolerances																	
Globodera rostochiensis (soil tolerance)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globodera pallida (soil tolerance)	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0
Black leg (%)	0	0	0.5	1	1.5	2	0	0.5	1	2	4	0	0.25	0.5	0.5	0.5	0.5
Synchytrium endobioticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clavibacter michiganensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ralstonia solanacearum	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0
Potato spindle tuber viroid	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0
Tomato stolbur	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0
Virus tolerance	0	0.1	0.4 (0.2 severe)	0.8 (0.4 severe)	2 (1 severe)	10 (2 severe)	0.5	0.5	1	-	-	0	0.05 (0 severe)	0.5 (0.1 severe)	0.5 (0.25 severe)	0.5 (0.25 severe)	0.5 (0.25 severe)
Other varieties & off types	0	0.01	0.25	0.25	0.5	0.5	-	-	-	-	-	0	0.05	0.05	0.05	0.10	0.10
2. Lot tolerances																	
Earth & extraneous matter (%)	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1
Dry & wet rot (not caused by Synchytrium e. Clavibacter m. Ralstonia s.) (%)	0	0.2	1	1	1	1	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5
External defects	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Shrivelled tubers	0	0.5	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-
Scab (common and netted)	0	5 (33.3)*	5 (33.3) *	5 (33.3) *	5 (33.3) *	5 (33.3) *	5	5	5	5	5	10(10)*	10(10)*	10(10)*	10(10)*	10(10)*	10(10)*
Powdery scab	0	1 (10) *	3 (10) *	3 (10) *	3 (10) *	3 (10) *	-	-	-	-	-	5(10)*	5(10)*	5(10)*	5(10)*	5(10)*	5(10)*
Rhizoctonia	0	1 (1) *	5 (10) *	5 (10) *	5 (10) *	5 (10) *	-	-	-	-	-	5(10)*	5(10)*	5(10)*	5(10)*	5(10)*	5(10)*
Total tolerances (%)	3	5	6	6	6	6				6	6	-	-	-	-	-	-
Globodera rostochiensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globodera pallida	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0
Synchytrium endobioticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clavibacter michiganensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potato spindle tuber viroid	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0
Tomato stolbur	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0
Meloidogyne chitwoodi and fallax	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0	0	0

Ditylenchus destructor	0	0	0	0	0	0	-	-	-	-	-	0	0	0	0		
3. Direct progeny tolerances																	
Other varieties and off types	0	0.01	0.25	0.25	0.5	0.5	0.25 & 0.1	0.25 & 0.1	0.25 & 0.1	0.25 & 0.1	0.5 & 0.2	-	-	-	-		
Virus (%)	0	0.5	2 (1 severe)	4 (2 severe)	10 (5 severe)	10	4	4	4	4	10	-	-	-	-		

¹ Harmful organisms in bold are covered by the EU legislation on quarantine pests (Directive 2000/29/EC)

*The figure in brackets is the allowable % surface area covered: a tuber is deemed to be affected by the disease only if surface area affected exceeds the specified allowable surface tolerance.