

Effect of UV-C Decontamination on Vegetables & Flowers

UV-C Trial Data	UV-C at 30°C CFU/g	E. coli CFU/g	Limnocytozenes CFU/g	Enterobacteriaceae CFU/g	Salmonellas CFU/g	Coliforms CFU/g
Nasturtiums Control	7.32E-05	-	-	6.35E+04	-	-
Nasturtiums UV-C Treated	8.17E+02	-	-	1.99E+01	-	-
Log Kill	3.0	-	-	3.5	-	-
Sunflower Shoots Challenged Control	3.38E+07	-	-	6.30E+05	-	-
Sunflower Shoots UV-C Treated	5.44E+06	-	-	8.58E+04	-	-
Log Kill	0.7	-	-	0.8	-	-
Carrot Baton Challenged Control	1.35E+06	-	-	1.72E+03	-	-
Carrot Baton UV-C Treated	1.81E+05	-	-	1.48E+02	-	-
Log Kill	0.8	-	-	1.0	-	-
Loose Carrots B2 Control	-	-	-	28000	-	56000
Loose Carrots B2 UV-C Treated	-	<10	-	18	-	100
Log Kill	-	<10	-	3.2	-	2.8