

Effect of UV-C Decontamination on Strawberries & Blueberries

UV-C Trial Data	TVC CFU/g	Enterobacteriaceae CFU/g	Yeasts CFU/g	Moulds CFU/g	Lacobacilli CFU/g	Lmonocytogenes CFU/g
Blueberry Control	3.2E+03	<10	2.4E+02	2.4E+03	9.6E+02	-
Blueberry UV-C Treated	<10	<10	2.0E+01	1.0E+01	<10	-
Log Kill	3.5	-	1.1	2.4	3.0	-
Blueberry Control EOL	9.1E+08	1.7E+05	5.3E+05	7.2E+10	9.2E+11	-
Blueberry UV-C Treated EOL	7.2E+04	9.0E+01	4.6E+02	7.2E+06	7.1E+07	-
Log Kill	4.1	3.3	3.1	4.0	4.1	-
Blueberry Challenged Control	-	-	-	-	-	4.10E+06
Blueberry Challenged UV-C Treated	-	-	-	-	-	<10
Log Kill	-	-	-	-	-	6.6
Strawberry Control	2.6E+03	<10	9.3E+03	1.3+02	1.9E+03	-
Strawberry UV-C Treated	4.0E+01	<10	3.0E+01	<10	<10	-
Log Kill	1.8	-	2.5	2.1	3.3	-
Strawberry Challenged Control	-	-	-	-	-	3.1E+06
Strawberry Challenged UV-C Treated	-	-	-	-	-	<10
Log Kill	-	-	-	-	-	6.5