

404874

Summary Table. Cs<sup>137</sup> in Pandanus Fruit

Island	Date collected	Number samples	Cs <sup>137</sup>		Kmg/g wet	Cesium units
			per gram wet sample			$\mu\text{mc Cs}^{137}$ gram K
Rongelap	Jan. 1955	1	215			
Rongelap	Oct. 1955	1	112			
Rongelap (seed end)	July, 1956	1	56			
Rongelap	July 1957	1	166			
Rongelap	March 1958	1	154	3.6		14000
Rongelap	Aug. 1958	1	91	1.4		10000
Rongelap	Mar. 1959	5	42±27*	2.4±1.5*		13000±12500*
Kabelle	Mar. 1958	1	266	5.2		23000
Kabelle	Aug. 1958	1	81	0.9		40000
Eniaetok	Mar. 1958	2	172±86*	5.6±1.4*		16500±11500*
Eniaetok	Aug. 1958	1	65	2.3		13000

\*Standard Deviation

Cesium-137 in the Jan. 1955 sample was determined by a standard chemical method; cesium-137 in the Oct. 1955 and July 1956 samples by analysis of gamma spectra of the dried filtrate from Sr(NO<sub>3</sub>)<sub>2</sub> precipitation; and cesium-137 in the remaining samples by analysis of gamma spectra of dried unashed sample.