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<u>kton</u>	product	use							
53	P ₄	export to industries producing all of the following:							
42	NTPP	detergents							
18	$H_3 PO_4$	foodstuff + acid pickling baths (part returns to wet process)							
0,4	PCI ₅	pharmaceutical products							
1,4	POCl ₃	plastics (plasticiser, stabiliser, flame retardant)							
3,2	PCl ₃	pesticide (mainly)							
2,0	P_2S_5	(car) industry (lubricant, pneumatic oil)							
0,8	FeP	additive to steel							
120	Total								
18		Po-210 and Pb-210 in NL 06 June 2012							















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Ingestion dose								
	potatoes	cereals	fruit	veg	milk	meat	total	
Yearly consumption (kg)	51	71	19	42	147	10	340	
25 years plant operations Pb-210: 500 GBq/y Effective dose (microSv/y)	0.7	0.3	0.6	0.7	<0.1	<0.1	2.3	
Po-210: 500 GBq/y Effective dose (microSv/y)	0.3	0.2	0.6	0.6	<0.1	<0.1	1.7	
Natural background Pb-210 100 Bq/m ² /y Effective dose (microSv/y)							140	
Po-210 10 Bq/m ² /y Effective dose (microSv/y)							7	
26 Po-210 and Pb-210 in NL 06 June 2012								









