

Table 1: Average P; inputs, off-takes, buildup and field and soil P balances in Castledockerell and Dunleer

	Castledockerell				Dunleer			
	2010	2011	2012	2013	2010	2011	2012	2013
Phosphorus inputs (kg/ha/yr)								
Total fertiliser P applied	25.0	26.0	28.8	32.2	23.1	33.8	37.5	39.3
Conc. P fed at grazing	2.22	1.09	1.29	1.32	1.61	1.57	1.07	3.39
Phosphorus off-takes (kg/ha/yr)								
Crop P off-take	23.1	24.0	23.3	25.1	24.5	25.3	21.7	24.2
Stocking rate change		-1.2	1.0	0.5	→	2.7	1.2	3.0
Soil P buildup required	8.7	8.6	8.6	8.6	9.7	9.5	9.8	9.4
Phosphorus balances (kg/ha/yr)								
P balance	2.7	1.9	6.1	7.5	-0.6	13.9	19.0	25.5
Soil P balance	-6.1	-6.7	-2.5	-1.1	-10	4.4	9.2	16.1