Nutrient management initiatives by the New Zealand fertiliser industry



























Example C An irrigate	DVERS d dairy fa	EER ® arm wit	9 nut h shal	t rien Iow sto	t buc ony soil:	s s	
Nutrient use efficiency	N	Р	К	S	Ca	Mg	Na
Nutrients added				(v9/ma/yr)			
Fertiliser, lime & other Rain/clover N fixation Irrigation Supplements imported Nutrients removed	160 25 9 70	31 0 0 11	0 2 6 35	41 4 9 6	21 2 32 7	0 4 5	0 18 33 3
As products GHG footprint Exported effluent As Supplements To atmospheric To water Eutrophication footprint Change in internal pools	135 0 117 67	24 0 0 0 1.5	31 0 0 0 31	8 0 0 44	32 0 0 131	3 0 0 14	9 0 0 39
Plant material Organic pool Inorganic mineral Inorganic soil pool	0 -56 0 0	0 17 6 -5	0 3 -43 19	0 8 0 0	0 1 -2 -99	0 0 -3 18	0 0 -3 10











