

Scenario 1 Dairy cubicle stables

	Area	Total N loss	Total P loss
DEVELOPED	GED final_350 kg MS_animal weight	2068	32731
	GED final_400 kg MS_animal weight	2068	35376
	GED final_reduced n inputs_350 kg MS_animal weight_Hf	2068	37079
HIGHLY DEVELOPED	GED final_reduced n inputs_400 kg MS_animal weight_Hf	2068	37588
	GED final_reduced n inputs_400 kg MS_animal weight_Hf	2068	29173

Scenario 2 Cut and carry/cropping

DEVELOPED	Cut and Carry	1858	9290
	GED_CROP_210 ha	210	12180
	GED_CROP_210 ha	210	12180
HIGHLY DEVELOPED	Cut and Carry_HD	1858	13935
	GED_CROP_210 ha	210	12180
		2068	26115

Scenario 3 Sheep Beef/ Cut and carry/ Cropping

DEVELOPED	Cut and Carry	888	4440
	GED_CROP_210 ha	210	12180
	GED_SBFIN_970 ha	970	11290
HIGHLY DEVELOPED	Cut and Carry_HD	888	6660
	GED_CROP_210 ha	210	12180
HIGHLY DEVELOPED with adjust	Cut and Carry_HD	1308	9810
	GED_CROP_210 ha	210	12180
		2068	37742

Scenario 4 Sheep Beef/ Dairy/Cut and carry/ Cropping

DEVELOPED	Cut and Carry	888	4440
	GED_CROP_210 ha	210	12180
	GED_SBFIN_970 ha	510	5936
	GED_DOFF_1200 cows_animal weight	460	8053
HIGHLY DEVELOPED	Cut and Carry_HD	888	6660
	GED_CROP_210 ha	210	12180
HIGHLY DEVELOPED with adjust	Cut and Carry_HD	1108	8310
	GED_CROP_210 ha	210	12180
		2068	42776

Scenario 4a Sheep Beef/ Dairy/Cut and carry

DEVELOPED	Cut and Carry	888	4440
	GED_SBFIN_970 ha	720	8380
	GED_DOFF_1200 cows_animal weight	460	8053
HIGHLY DEVELOPED	Cut and Carry_HD	888	6660
	GED_SBFIN_970 ha_HD	720	20620
		2068	36560

Scenario 5 Dairy winter off

DEVELOPED	Cut and Carry	468	2340
	GED_DOFF_max cows_animal weight_effluent exported	1600	29821
HIGHLY DEVELOPED	Cut and Carry	468	3510
	GED_DOFF_max cows_animal weight_effluent exported	1600	34424
		2068	37934

	Area in model	Total N loss	Total P loss	N loss/ha	P loss/ha	Pasture utilisation	N fert	Total N to croq	immobilisator	clover	Irrigation	Animal weights entered	change in inputs at HD		
Dairy cubuld	GED final_350 kg MS_animal weight	2068	32731	15.8	0.8	11622	85	130	348	30	v low	own	y	85%	
	GED final_reduced n inputs_350 kg MS	2068	37079	17.9	0.8	11617	85	103	297	0	own	y			
	GED final_400 kg MS_animal weight	2068	35376	16.05	17.1	0.8	12779	85	145	356	33	v low	own	y	92%
	GED final_reduced n inputs_400 kg MS	2068	37588	16.05	18.2	0.8	12779	85	115	328	0	v low	own	y	
Cut and Carr	Cut and Carry			5	0.5							own			
	Cut and Carry_HD			7.5	0.5							own			
Arable rotatix	GED_CROP_210 ha	210		58	0.5		215	218	36			own			
Sheep Beef f	GED_SBFIN_970 ha	970	11290	744	11.6	0.8	13078	70	100	162	80	medium	own	y	70%
	GED_SBFIN_970 ha_HD	970	27780	744	28.6	0.8	13078	70	100	113	0	medium	own	y	
Dairy	GED_DOFF_1200 cows_animal weight	460	8053	415	17.5	0.9	13963	85	130	224	45	medium	own	y	82%
	GED_DOFF_1200 cows_animal weight_t	460	9280	415	20.2	0.9	13963	85	130	183	0	medium	own	y	
Dairy	GED_DOFF_max cows_animal weight_et	1600	29821	1376	18.6	0.9	14735	85	150	231	43	medium	own	y	84%
	GED_DOFF_max cows_animal weight_et	1600	34424	1376	21.5	0.9	14735	85	150	193	0	medium	own	y	

DOFF = Dairy winter off
 SBFIN = Sheep and Beef finishing
 HD = Highly Developed
 animal weight = animal weights have been manually entered
 effluent exported = effluent exported from farm

Indicates that scenario is not yet modelled	Indicates where area is different to the modelled area and the total loss has been prorated	Indicates where total assets NDA	Indicates where total exceeds NDA
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