

Measurement	units	Description	Start date	End date	Contract	Data submission (location)	Publicly available? (Y?N)
soil respiration		EGM	2006	2010	NitroEurope	NitroEurope	yes
CH4+ flux		static chamber	May-06	Dec-10	NitroEurope	NitroEurope	yes
N2O flux		static chamber	May-06	Dec-10	NitroEurope	NitroEurope	yes
water table		Pressure sensor	2006	present date	NitroEurope	NitroEurope	yes
soil temperatue		4 point Campbell Scientifc 107 the	2003	present date	CarboEurope/NitroEurope	NitroEurope	yes
pH		soil	May-06	Oct-07	carbon catchments	-	
DOC		soil	May-06	Oct-07	carbon catchments	-	
DIC		soil	May-06	Oct-07	carbon catchments	-	
NH4+		soil	May-06	Oct-07	carbon catchments	-	
NO3		soil	May-06	Oct-07	carbon catchments	-	
ph		soil	May-06	Oct-07	carbon catchments	-	
soil respiration		EGM	May-06	Oct-07	carbon catchments	-	
water table		dip well	May-06	Oct-07	carbon catchments	-	
NO/NO2		automatic chamber	2012	present date	ECLAIRE	ECLAIRE	Will be publicly available at the end of the ECLAIRE project
Soil organic carbon stocks (profile)	Kg m ⁻²	NA			CarboEurope/NitroEurope		
Soil description (FAO)		>85% histosols (peat)			CarboEurope/NitroEurope		
Soil depth	m	0.7m			CarboEurope/NitroEurope		
Depth of main rooting zone	m	0.3			CarboEurope/NitroEurope		
Bulk density	g soil m ⁻³ dry	soil					
		0 - 10 cm ungrazed area	15/09/2004		Carbomont	Carbomont/CarboEurope/NitroEurope	
Bulk density	g soil m ⁻³ dry	soil					
		10 - 20 cm ungrazed area	15/09/2004		Carbomont	Carbomont/CarboEurope/NitroEurope	
Bulk density	g soil m ⁻³ dry	soil					
		0 - 10 cm grazed area	08/10/2004		Carbomont	Carbomont/CarboEurope/NitroEurope	
Bulk density	g soil m ⁻³ dry	soil					
		10 - 20 cm grazed area	08/10/2004		Carbomont	Carbomont/CarboEurope/NitroEurope	
soil respiration	μmol m ² s ⁻¹	PP Systems closed dynamic SRC1	08/09/2003	10/09/2004	Carbomont	Carbomont/CarboEurope/NitroEurope	
soil C&N content	%C, %Dwt. N	0-36cm profile core	Sep-04		Carbomont	Carbomont	