



Every 2 minutes

there is a same amount of energy arriving from the Sun

as mankind takes a year to produce

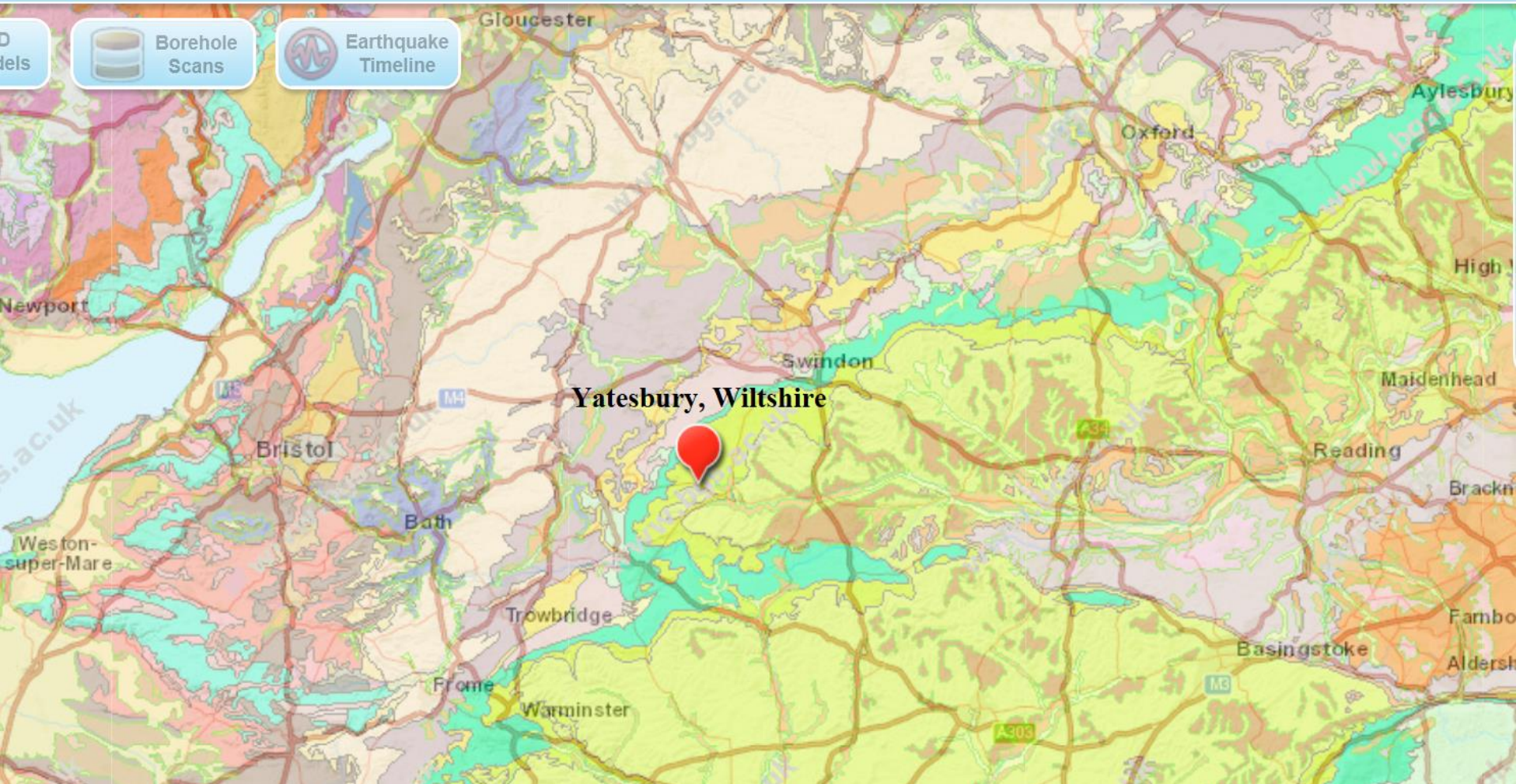
YATESBURY HOUSE FARM



bio-dynamic

Geology of Britain viewer

[Try the Beta version of our 3D Geology of Britain viewer](#)



YATESBURY HOUSE FARM



Our Geology and soil type:

Silty clay loam, over lower grey chalk

20cm to +70cm depth to chalk

Rain fall: 680mm – 810mm p.a.

**Here it is in
good shape.**

There is plenty of opportunity
for slumping
or baking solid of wet soils.



YATESBURY HOUSE FARM



Started Organic Conversion 1998

554+98 ha



Mostly Cereals

281 ha



Diverse leys

128+74 ha

Environmental Stewardship

94ha



Pasture permanent

105 ha

Woodland

48 ha



Aberdeen Angus Pedigree Suckler Herd

280 head

Richard Charlotte Angus Zac Bea

Permenant Staff

1.1

Graduate trainee

1

Summer Student

1



YATESBURY HOUSE FARM

Silvopastoral Agroforestry



bio-dynamic



Shelter from Sun for cattle
Shelter from rain for cattle
Itching posts
Dynamic change for biodiversity
Opens up the space for light
Allows sowing of wild flowers
Coppice to regenerate
Increase carbon storage
Bring into the farm organism



YATESBURY HOUSE FARM

Plastic collection



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Willow planting



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YATESBURY HOUSE FARM

Aim 1-2000 tree plants per year



Biodiversity

“so many more bugs
here than other
farms I go to”
“the hares are the
size of foxes here”

The **Agreed Works** to be carried out by the Trust comprise:

- (1) Supply 2025 shrubs and trees, 325 spirals and canes, 1700 guards and stakes, 425 mulch mats and pegs by the end of March 2017.
- (2) The tree species are to be in the following approximate numbers:

Alder	125	Crab Apple	75
Field Maple	250	Hazel	125
Hornbeam	475	Lime (Small Leaf)	200
Oak (Common)	475	Walnut	100
Whitebeam	100	Wild Cherry	100

The Plan



The PUR Project

YATESBURY HOUSE FARM



Silvoarable, Agroforestry

PUR Woodland Trust Grant 2019

Planting apples in 30m curved rows

Usual rotation between





bio-dynamic

Health



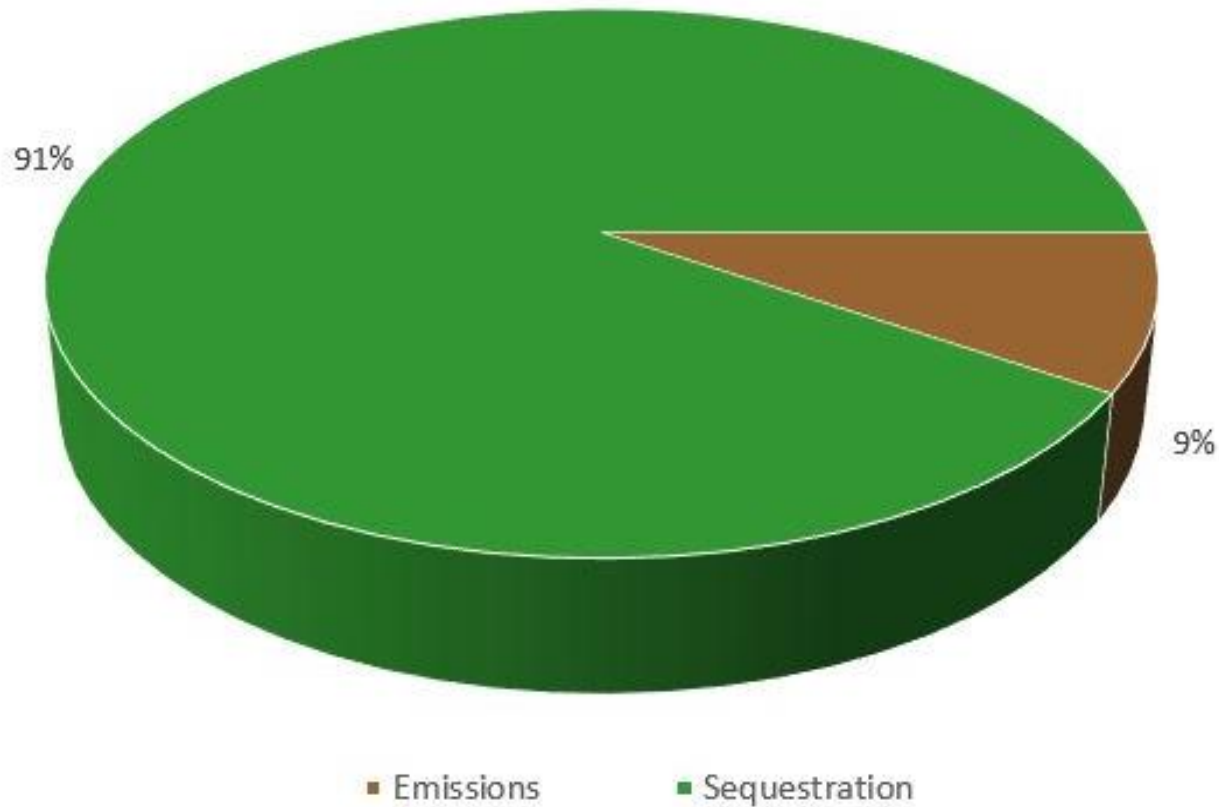
Health and Impact

YATESBURY HOUSE FARM

Farm Carbon Cutting Toolkit



bio-dynamic



Carbon Balance

Emissions

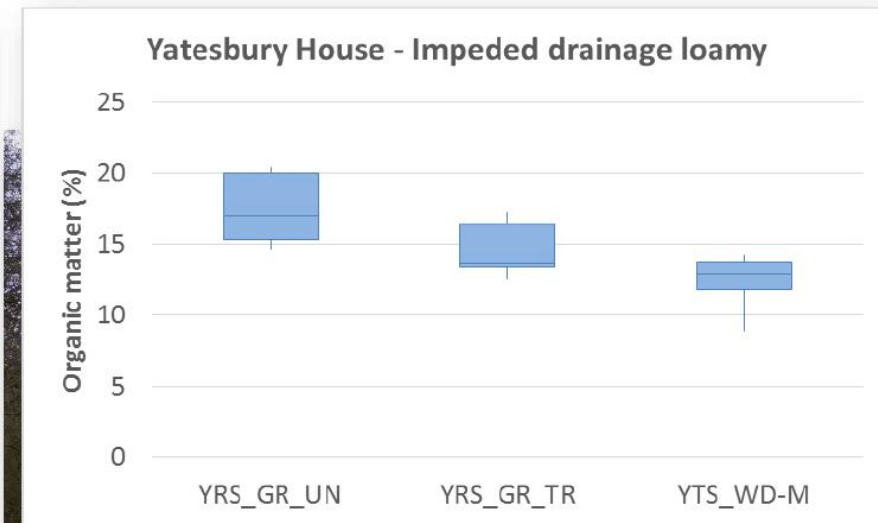
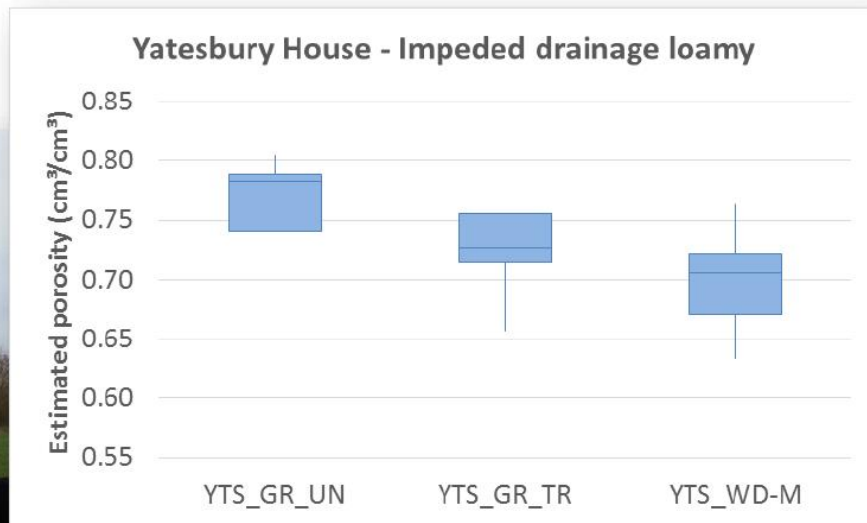
	C0 ₂ e (kg/year)	% total emissions
Fuel	97,581	9.76%
Materials	4,815	0.48%
Capital Items	31,988	3.20%
Livestock	727,836	72.76%
Fertility	136,360	13.63%
Agro-chemicals	0	0.00%
Distribution	1,557	0.16%
Waste	130	0.01%
Total:	1,000,267	100%

Sequestration

	C0 ₂ (kg/year)	% total sequestration
Field Margins	11,892	0.12%
Soil Organic Matter	9,512,729	96.46%
Orchards & Vineyard	0	0.00%
Wetland	0	0.00%
Woodland & Hedges	337,284	3.42%
Woodland (detailed analysis)	0	0.00%
Total	9,861,905	100.00%

Methane is it worth it
-Grassland untrafficked-Grassland trafficked -Woodland

Broad-scale field survey – preliminary results





We need cows
to save the planet