



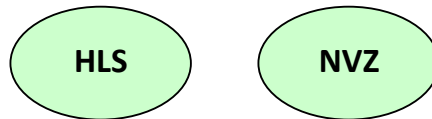
LOWLAND GRAZING FARM, Ebbesbourne Wake sub-catchment



Hampshire Avon
Demonstration Test Catchment

Farm size: 100 Ha
 Business structure: Limited company
 Diversified activities: Yes, game shoot
 Soil types: Light chalk

Schemes:



Land use (Ha):



Cultivations:

Permanent grassland receives 40 kg/ha N on grazed land and 60 kg/ha N for making hay. Annual hay yield is approximately 100 t.

	Pesticide passes	Type	Passes	Drill width (m)	Hp
Game strip	1	Plough, roll, drill	3	4	160



Average beef herd: 82
 Cattle are housed from December to April in covered loose straw yards.

	No. bought	Age bought (months)	Bought weight (kg)	No. sold	Age sold (months)	Sold weight LWT (kg)
Heifers	60	9	300	31	22	500
Steers	22	6	300			



Average sheep flock: 4140

Sheep are housed February to March in covered loose straw yards.

	No.	No. bought	Age bought (months)	Bought weight (kg)	No. sold	Age sold (months)	Sold weight LWT (kg)
Ewes	1300				200	6-8 years	60
Lambs	2100				2100	12	40-45
Gimmers		700	6	35	430	18	60
Tups	40	10	18	100	3	4-5 years	80

Livestock feed:

Bought in: 60 t Ewes compound feed (18% protein), 24 t lambs compound feed (16 % protein), 18 t cattle compound feed (16% protein), 60 t barley straw for cattle

Home produced: 120 t hay for sheep, 4.5 t silage bales for cattle

Livestock bedding:

Bought in: 100 t straw



Sheep and cattle FYM is stored on a concrete pad (18 x 6 x 9 metres)
Total storage capacity: 680 t
Storage duration: 6 months
Applied to grass at a rate of 20 t/ha using a rear discharge spreader



Sheep and cattle dirty water is stored in a yard tank
Total storage capacity: 1500 gallons
Storage duration: 6 months
Applied to grass using a vacuum tanker

Farm owned machinery: Tractor, loader, fertiliser spreader, vacuum tanker

Contractors used for: Muck spreading, hedge cutting, grass mowing, baling, fencing

The Hampshire Avon DTC is being led by Professor Adrian Collins from ADAS. The first phase of the project runs until 31st March 2014. For further details please contact:

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