



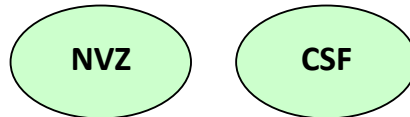
## SPECIALIST PIG FARM, Kingston Deverill sub-catchment



Hampshire Avon  
Denonstration Test Catchment

Farm size: 31 Ha  
Business structure: Partnership  
Diversified activities: None  
Soil types: Silty clay loam

Schemes:



### Land use (Ha):



### Crop rotations:

Continuous wheat

### Yields:

|              | kg/ha |         | t/ha        |             |
|--------------|-------|---------|-------------|-------------|
|              | N     | PK      | Grain yield | Straw yield |
| Winter wheat | 108   | Organic | 8.66        | 3.22        |

### Cultivations:

|              | Fate of residue | Pesticide passes | Type                | Passes | Drill width (m) | Hp  |
|--------------|-----------------|------------------|---------------------|--------|-----------------|-----|
| Winter wheat | Baled           | 5                | Plough, combi drill | 2 or 3 | 4               | 180 |



### **Indoor pigs:**

Housed intensive pig unit with covered straw yards and slatted floor sheds.

|                | Average no. | Weight (kg) | Sold weight (kg) |
|----------------|-------------|-------------|------------------|
| Breeding sows  | 200         | 200         | 200              |
| Breeding boars | 9           | 250         |                  |
| Weaners        | 400         | 8           |                  |
| Fatteners      | 1700        | 110         | 110              |

**Livestock feed:**

Bought in: 60 t weaner pellets (21% protein); 350 t wheat, 240 t barley, 240 t soya and 80 t wheat feed pellets for sow fatteners  
Home produced: 280 t wheat

**Livestock bedding:**

Bought in: 1250 kg shavings  
Home produced: 100 t straw



Pig FYM is stored on a concrete base pad in the yard (24 x 20 x 3 metres)  
Total storage capacity: 1000 t  
Applied to wheat stubble at a rate of 10 t/ha using a rear discharge spreader and ploughed in  
75% of FYM is exported from farm



Slurry is stored in an above ground purpose built tank  
Total storage capacity: 996m3  
Applied to wheat stubble and shallow injected into spring growing crops  
Applied at a rate of 3000 gallons/acre using a vacuum tanker and splash plate and ploughed in  
Shallow injection carried out by a contractor  
Slurry is exported during closed spreading season (October – January)  
Membership of CSF advised separation of clean water from storage tank

Farm owned machinery: 2 tractors, loader, farm truck, fertiliser spreader, sprayer, vacuum tanker  
Contractors used for: All arable operations (stubble to stubble), baling

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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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