Pig manure: A valuable Fertiliser!

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Why should <u>You</u> use pig manure / slurry?

Value of Pig Manure

	Nitrogen	Phosphorus	Potassium
Nutrient content (kg/m³)	4.2	0.8	2.2
Nutrient availability (%)	50	100	100
Fertiliser cost per kg (€)	1.03	2.32	0.83
Total Value	€2.16	€1.86	€1.83

Note: 1 m³ equals 220 gallons

Total = €5.85/m³ or €26.59 /1000 gallons

1000 Gallons
Pig Manure
=
N P K
19 - 7 - 20
50 kg

Case study

Case study

Savings

€40 to €50 per acre or over €100 per hectare

Manure transport cost

Distance

Load size

Method of transport

Assume:

- Load size of 3000 gal (13.6m^3)

- Loading Time of 6 minutes

- Travel speed 20km /hour (12.5 mph)

- Return speed + 5 km/hour

- Cost €50/hour

- Unloading time is twice loading time if it is spread on the land

3 miles

Transport Cost

€2.57

5 miles

Transport Cost

€3.56

Transport Cost

€6.20

10 miles

If **we use a Truck (27 m^3 or 6000 gallons)**

Loading time 15 minutes

Travel speed 45 km/hour (28 mph)

Return speed 5 km faster

Hire cost of truck €72/hour

Unloading time is equal to loading time

Cost of spreading €2 per m^3

10 miles

Transport Cost

€3.76

15 miles

Transport Cost

€4.88

Transport Cost

€6.00

20 miles

Should You use pig manure / slurry?

Thank you for your attention

Any Questions?