

Swithland Agricultural Holdings
Various Cost Volume Factors

Insurance Coverage (not all necessarily included but will be considered) :

Health (pigs)
Third Party
Public Liability
Product Liability
Buildings & Contents
Equipment
Motor

General Expenses (includes medical equipment) :

Wheelbarrows	Rubber Gloves
Brooms, Spades & Shovels	Disinfectants
Pitchforks & Scrapers	Thermometers
Hosepipes	Bandages
Disinfectants / Sanitizers	Antibiotic Sprays and Creams
Overalls	Anti-Parasite products
Face Masks	Scouring Medications
Knives	Hypodermic Syringes
Twine	Foot Clippers
Wire	Pig Oil
Torches	

Hay :

£2.00 per bale (20 kg's)
100 bales per acre
Two crops per year
Assume 5 acres of land set aside for hay (2 acres from Cropston and 3 acres from other land not part of the holding)
equates to 1,000 bales of hay per year
(2 acres of Hay = 25 cubic meters & 3 additional acres of Hay = 37 cubic meters)
Standard Hay Bale is 14" x 18" x 24" weighing in at around 20 kg's
Hay can be used for bedding as well as a feed supplement during winter
Space required for storage 62 cubic meters

Wheat :

3 tonnes yield per acre
Assume 4 acres per year
12 tonnes yield per year
Sell excess at £250 per tonne

Beans :

2 tonnes yield per acre
Assume 4 acres per year
8 tonnes yield per year
Sell excess at £280 per tonne

Pak Choi & Gai Lan :

Planted 20cm apart
1 square meter = 25pcs = 2.5kg
1 acre = 4046 sqm
1 acre = 101,150 stick of pack choi = 10 tonnes of pack choi
Selling at £1.30 per kg = £13,000 per acre

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4 acres = £52,000

Conservatively plant three crops per year (unheated) = £156,000

Note : Polytunnels would dramatically increase productivity but are not accounted for in these figures

In 2010 we assume an income from 50 Pigs

In 2011 we assume an income from 60 Pigs

In 2012 we assume an income from 60 Pigs with an increase in sales value of 5%

Straw (for bedding) :

Average requirement of 1.00 kg per pig per day

In a 6 month period (162 days) this equates to 162 kg of Straw

So 4 acres will generate 10 tonnes of straw (equivalent to 400 bales)

Total straw required per year for the Pigs on the holding is approximately 10 tonnes

Space required for storage : 25 cubic meters

Standard Straw Bale is 14" x 18" x 24" weighing in at around 20 kg's

Average feed composition :

57.50% Rolled (milled) Wheat

35.00% Peas (22% protein)

2.50% Pig Finisher 1377B Vitamins / Minerals Mix)

5.00% Provimi 66 (Fishmeal)

100.00%

Alternatives to Wheat include Oats and Barley.

Rotational Cropping would be every 3 - 4 years

Staff Costs :

1 x Full Time £17,000

Part Time Staff £5,500

£22,500
