



Implementation Plan

These timings are based on having at least three workers available for each task.

Materials list for Compost Design

System	item	qty	unit cost	total	Supplier	Notes			
10 Johnson Su Bioreactors	pallet	20	0	0	salvage				
	25' x 6'/7.62m x 1.83m landscaping fabric, woven, min 5 oz	1	60	60	Jewsons				
	PVC glue		0	0	Scrap Magic				
	Four 10' lengths of perforated, bell-end, 4" septic system drain field piping		24	24	Jewsons				
	IBC	10	35	350	https://www	May be able to get for less/free			
	Tie wires, packet of 100	1	3	3	Jewsons				
	Approx.13' of 1/2" landscape water hose	1	0	0	on site				
	Tiger worms, 2kg	1	60	60	compostworms.co.uk				
One turn system with 6 bays	Timber	na	0	0	na	already purchased			
	OSB for partitions	12	0	0	salvage				
	guttering		0	0	on site				
	water butt	3	0	0	Freecycle				
	water butt connectors	3	2	6	B&M Homestores				
	galvanised metal roof sheet, 1m x 1.8m	7	24	168	roofingsuperstore.co.uk				
	screws etc		0	0	on site				
Wormery	Wormery	1	0	0	on site				
	Tiger worms, 250g		0	0	included in worms for JSBs				
Pallet bays	Pallet	13	0	0	salvage				
	Screws		0	0	on site				
Leafmould bays	Chicken wire - 9x1m		0	0	on site				
	Timber posts	8	0	0	on site				
Cold composting bays	old metal fencing panels	5	0	0	on site				
	Wire		0	0	on site				
Other	Compost thermometer	1	15	15	https://thermometer.co.uk/home-thermomete				
			Total	686					



 www.ebay.co.uk

Forest Master FM6DD Compact 6HP Petrol Wood Chipper Garden Shredder | eBay

The FM6DD's powerful 6hp LCT engine can rotate the chipper drum at a maximum of 3600rpm. This enables it to easily chip all kinds of freshly cut wood from hard to soft. This saves the need for constant resharpening and effectively doubles the life of th...

Compact chipper/shredder



<https://www.ebay.co.uk/itm/FORREST-MASTER-Compact-6hp-Petrol-Garden-Self-feeding-Wood-Chipper-shredder/124091184828?hash=item1ce46936bc:g:68YAAOSwuDte14Uc>

Electric start chipper



<https://www.ebay.co.uk/itm/FORREST-MASTER-Compact-6hp-Petrol-Electric-start-Self-feeding-Wood-Chipper/124374628581?hash=item1cf54e38e5:g:2jEAAOSwHOFec4yq>

Needs to be able to deal with 50 mm branches
Petrol so that it's mobile

Maintenance is straightforward
A second hand one may have blunt blades but these are not difficult to sharpen

Chipper research

Having done further research on wood chippers/shredders, I no longer think that buying one at present is feasible.

We would need a larger one than we can afford, and we would also need someone with the appropriate ticket to work the machine in order for our insurance to be valid.

It would be better to ask the tree surgeon for what he would charge for half a day, and cut everything in advance.

I will look into making dead hedges with cuttings, as it may not be possible this year to organise the wood chipper hire.

Implementation notes of each system

Please note: risk assessments must be completed for all these activities. PPE must be worn at all times.

2. Six bay one-turn system

No treatments on internal timber

Roof is essential

Freestanding – use of cement is not preferable or necessary

Optimal size - min. 1.2 m squared (inside measurement)- cannot be less due to volume needed for correct temperature

Use bought timber for 'walls', separate with large pieces of wood - old OSB would do

5. Bioreactors in PT3

For full instructions, visit

<https://www.csuchico.edu/regenerativeagriculture/bioreactor/bioreactor-instructions.shtml>

Three bioreactors in year 1, 2 more in year 2

These don't have to be built all at the same time - can be staggered, but would be more efficient to make as many as possible at one time.

6. Bioreactors and Leafmould bays

2 bioreactors in year 1, 3 more in year 2

Require base of 2 pallets each

These don't have to be built all at the same time - can be staggered but would be more efficient to make as many as possible at one time.

7. Cold composting system to process heap

The heap must not be cleared within bird nesting season. Between October and February is fine.

The old fencing panels are large so will need a few people to manoeuvre them.

9. 3 bay one-turn system

Can't be installed until perimeter wall is fixed so may have to be the last system installed

Use pallets – boggy area so raise on 2 pallets and line with mesh

Lids – old carpet or similar

Minimum internal size - min. 1.2 m squared (inside measurement)

