	FJ				18/ook 43	18/pplx 4.4	18/20/4/5	)M(ook 46	) 10 ook 47
		Name	Begin date	End date	Week 43 19/10/2020	Week 44 26/10/2020	Week 45 02/11/2020	Week 46 09/11/2020	Week 47 16/11/2020
Ė	0	Collect pallets	19/10/2	05/11/				12/11/2020	
	6	Liaise with arbs/co	19/10/2	19/10/					
	□ 6	2. One Turn system	19/10/2	20/10/					
		Ground prep	19/10/2	19/10/					
		Build bays	19/10/2	19/10/					
		Make roof for	20/10/2	20/10/					
383		Install gutters a	20/10/2	20/10/					
	<b>=</b> 6	Access Gate area	20/10/2	21/10/					
		Locking system	20/10/2	20/10/					
		Cutback willow	20/10/2	20/10/					
Н		Lay tracking	21/10/2	21/10/					
	- e	JSBs	26/10/2	30/10/					
		Take delivery o	26/10/2	27/10/					
		<ul><li>Clear area</li></ul>	26/10/2	26/10/					
		set up system f	26/10/2	26/10/					
		Collate all mate	26/10/2	26/10/					
		Prep IBCs	26/10/2	27/10/					
		Assemble	28/10/2	29/10/					
		Set up irrigation	30/10/2	30/10/					
H		remove pipes	30/10/2	30/10/					
F		Set up growing	30/10/2	30/10/		26/10/2020			
	<u> </u>	Leafmould bays	02/11/2	02/11/			_		
		<ul><li>Clear area</li></ul>	02/11/2	02/11/					
		Build bays	02/11/2	02/11/					
	<b>⊟</b> €	7. Cold compostin	03/11/2	04/11/					
		<ul><li>Clear area</li></ul>	03/11/2	03/11/					
		Build bays	03/11/2	03/11/					
		Shred big mate	. 04/11/2	04/11/					
		Add material t	04/11/2	04/11/					
	<b>=</b> 0	1. Clear old bays d	09/11/2	10/11/					
		remove conten	09/11/2	09/11/					
		Take down old	. 10/11/2	10/11/					
		make area safe							
388	- e	3 Bay system by PT1							
		<ul><li>Clear area</li></ul>	16/11/2	16/11/					
		Build pallet co	16/11/2	16/11/					
		Demo area	17/11/2						
		Clear area	17/11/2	17/11/					
		Install wormery	17/11/2						
▼	6	Install dalek	17/11/2	17/11/					

# Implementation Plan

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

Made with free software from www.ganttproject.biz

Materials list for Compost Design

	bess 2 es.0						
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 fo	r 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	compostwo	rms.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 Homes	stores	
	galvanised metal roof sheet, 1m x 1.8m	7	24	168	roofingsupe	oofingsuperstore.co.uk	
	screws etc		0	0	on site		
Wormery	Wormery	1	0	0	on site		
	Tiger worms, 250g		0	0	included in v	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://therr	nometer.co.uk/home-	thermomete
			Total	686			

Chipper/shredder



#### 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/FOREST-MASTER-Compact-6hp-Petrol-Garden-Self-feeding-Wood-Chipper-shredder/1240911848287 hash=item1ce46936bc;g:68YAAOSwuDte14Uc

#### Electric start chipper



https://www.ebay.co.uk/itm/FOREST-MASTER-Compact-6hp-Petrol-Electric-start-Self-feeding Wood-Chipper/124374628581? hash=item1cf54e38e5;g:2JEAAOSwHOFec4yq

Needs to be able to 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)

