

Date: 11/18/10
 Name: John and Jane Doe

FORM 9: COMPOST DESIGN (4)

Total Persons in Diet: 2
 Compost built on growing beds? ☒ YES ☐ NO

Box A: TOTAL MINI-FARM BED-CROPS

Diet Design Bed-Crops	<u>38.50</u>
Income Design Bed-Crops	<u>2.10</u>
Compost Design Bed-Crops	<u>20.65</u>
TOTAL:	61.25

Box B: CURED COMPOST VOLUME (including soil) AVAILABLE PER BED-CROP FOR ALL CROPS GROWN

From Compost Design (3) 127.81
 / Total Mini-Farm Bed-Crops 61.25
 = **2.09** cu ft
Minimum Goal: ~ 2.0 cu ft

Box C: TOTAL MINI-FARM BEDS

	Per Person	%	GOAL
Carbon/Calorie (Dry)	<u>20.00</u>	<u>10.00</u>	<u>50.13%</u> 60%
Immature Compost	<u>0.65</u>	<u>0.32</u>	<u>1.63%</u>
Special Root	<u>16.20</u>	<u>8.10</u>	<u>40.60%</u> 30%
Vegetable	<u>1.45</u>	<u>0.73</u>	<u>3.63%</u> min 2.5%
Income	<u>1.60</u>	<u>0.80</u>	<u>4.01%</u> max 7.5%
TOTAL	39.90	19.95	100%
Compost Pile Area Req'd (if built 4' high on growing beds)	<u>1.19</u>		
TOTAL AREA	41.09		

Box D: BED-CROP-MONTHS

	Per Person	%	GOAL
Carbon/Calorie	<u>113.50</u>	<u>56.75</u>	<u>50.50%</u> 60%
Immature Compost	<u>7.80</u>	<u>3.90</u>	<u>3.47%</u>
Special Root	<u>85.40</u>	<u>42.70</u>	<u>38.00%</u> 30%
Vegetable	<u>9.45</u>	<u>4.73</u>	<u>4.20%</u> min 2.5%
Income	<u>8.60</u>	<u>4.30</u>	<u>3.83%</u> max 7.5%
TOTAL	224.75	112.38	100%

Box E: INDICES FOR PRODUCTIVITY REFERENCE

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Compost Volume (Compost Crop Beds)

Average Cured Compost Volume (with soil) Produced per Compost Crop Bed = **6.19** cu ft

Average Cured Compost Volume (with soil) per Compost Crop Bed-Crop = **6.19** cu ft
GOAL: 3.2 cu ft

Cured Carbon and Nitrogen (Mini-Farm Beds)

Total Built Carbon 612.38 / 2 = 306.19 Total Cured Carbon (lb) / 61.25 Total Mini-Farm Bed Crops
 = **5.00** Average Cured **Carbon** per Mini-Farm Bed-Crop
GOAL: ~ 5.4 lb

Total Cured Carbon 306.19 / 10 = ~ 30.62 Total Cured Nitrogen (lb) / 61.25 Total Mini-Farm Bed Crops
 = **0.50** Average Cured **Nitrogen** per Mini-Farm Bed-Crop
GOAL: ~ 0.5 lb