

FORM 9: COMPOST DESIGN (4)

Box A: TOTAL MINI-FARM BED-CROPS
that will receive compost

Diet Design Bed-Crops	<u>8.88</u>
[Col. H Total from Diet Design (1)]	
Income Design Bed-Crops	<u>2</u>
[Col. D Total from Income Design]	
Compost Design Bed-Crops	<u>14.63</u>
[Col. D Total from Compost Design (1)]	
TOTAL (Z)	<u>25.51</u>

Box C: TOTAL MINI-FARM BEDS

		%	GOAL
Carbon/Calorie(Dry)	<u>14.63</u>	<u>58.5</u>	60%
Green Compost	<u>(17.5)</u>	<u>—</u>	
Special Root	<u>4.85</u>	<u>19.4</u>	30%
Vegetable	<u>4.03</u>	<u>16.1</u>	min 2.5%
Income	<u>1.5</u>	<u>6.0</u>	max 7.5%
TOTAL	<u>25.01</u>	100%	

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

Col. V [from Compost Design (3)] 74.4

/ Total Mini-Farm Bed-Crops (Z) 25.51

= 2.92 cu ft or cu m

Minimum Goal: ~2.0 cu ft [-0.06 cu m]
More is desirable. (See Table C.)

Box D: BED-CROP-MONTHS

		%	GOAL
Carbon/Calorie	<u>111.84</u>	<u>40.2</u>	60%
Green Compost	<u>118</u>	<u>42.5</u>	
Special Root	<u>21.5</u>	<u>7.7</u>	30%
Vegetable	<u>15.01</u>	<u>5.4</u>	min 2.5%
Income	<u>11.55</u>	<u>4.2</u>	max 7.5%
TOTAL	<u>277.9</u>	100%	

Box E: INDICES FOR PRODUCTIVITY REFERENCE

Compost Volume (Compost Crop Beds)

Average Cured Compost Volume (with soil)
Produced per Compost Crop Bed =
Col. V / Col. C Total = 5.08 cu ft or cu m

Average Cured Compost Volume (with soil) per Compost Crop Bed-Crop (V / D Total) = 2.31 cu ft or cu m
GOAL: 3.2 cu ft [0.1 cu m] (See Table B.)

Cured Carbon and Nitrogen (Mini-Farm Beds)

Total 'Built' Carbon (Col. M Total) 339.73 / 2 = ~169.86 Total Cured Carbon (Y) (lb or kg)

/ 25.51 (Z) Total Mini-Farm Bed-Crops = ~6.66 Average Cured **Carbon** per Mini-Farm Bed-Crop
GOAL: ~5.4 lb [-2.4 kg] (See Table C.)

Total Cured Carbon (Y) 169.86 / 10 * = ~16.98 Total Cured Nitrogen (lb or kg) * See pp. 26-27.

/ 25.51 (Z) Total Mini-Farm Bed-Crops = ~0.66 Average Cured **Nitrogen** per Mini-Farm Bed-Crop
GOAL: ~0.5 lb [-0.2 kg] (See Table C.)

Col. D, Total Bed-Crops, includes [] and () because they contribute to production