

FORM 9: COMPOST DESIGN (1)

NAME: SBU

DATE: 1/08

COMPOST MATERIALS

	A@	B	C	D@	E	F	G	H	I	J
DRY (MATURE) MATERIALS <small>Include all carbon-producing beds from Diet Design. Add more, if necessary.</small>	MO. IN BED ##	CROPS per YEAR	ACTUAL AREA IN BEDS #	BED-CROPS [B x C]	INTERM. YIELD / BED / CROP * DRY * lb or kg	ANNUAL YIELD per BED * DRY * lb or kg [B x E]	ACTUAL YIELD per BED * DRY * lb or kg [C x F]	% DRY MATTER * DRY *	ANNUAL "100% DRY" MATTER YIELD lb or kg [F x H x 0.01]	ACTUAL "100% DRY" MATTER YIELD lb or kg [G x H x 0.01]
Corn, Flour	4.25	1	5.4	5.4	48	48	259.2	90.6	43.4	234.8
Amaranth, Diet	3	1	1.92	1.92	24	24	46.1	90.3	21.7	41.6
Amaranth, Income	3	1	[0.15]	[0.15]	24	24	3.6	90.3	21.7	3.2
Grapes, Raisin	12	1	1.28	1.28	15	15	19.2	90	13.5	17.2
Alberts	12	1	4.5	4.5	19	19	85.5	90	17.1	76.9
Rye, Cereal	9	1	1.53	1.53	30	30	92.8	92.8	27.8	42.5

DRY SUBTOTAL

[] = beds, bed crops, and BCM already accounted for in income design

GREEN MATERIALS	MO. IN BED ##	CROPS per YEAR**	ACTUAL AREA IN BEDS #	BED-CROPS [B x C]	INTERM. YIELD / BED / CROP * GRN * lb or kg	ANNUAL YIELD per BED * GRN * lb or kg [B x E]	ACTUAL YIELD per BED * GRN * lb or kg [C x F]	% DRY MATTER * GRN *	ANNUAL "100% DRY" MATTER YIELD lb or kg [F x H x 0.01]	ACTUAL "100% DRY" MATTER YIELD lb or kg [G x H x 0.01]
Fava Beans	6	1	(4.5)	(4.5)	180	180	833.4	17.4	31.3	145.0
B14CC*	7	1	(13)	(13)	35	35	455	18	6.3	81.9

GREEN SUBTOTAL

() = a crop harvested before the main season crops are planted; therefore, the beds are accounted for by main season crops in total and the beds will not receive compost

TOTALS

14.63 14.63

- GOAL FOR COMPOST DESIGN:**
- 67% of area producing significant amounts of dry (carbonaceous) material,
 - 33% of area producing significant amounts of green (nitrogenous) material.

BED = 100 sq ft = 9.3 sq m (10 sq m)

HTGMV 6: (Col. N + Col. O) / 4.3

GRN = GREEN

** For perennials: Months in Bed = 12; Crops per Year = 1.

In tropics, Months in Bed = 6; Crops / Year = 2 (to allow for two compost applications per year).

@ You should wait to fill in Columns A, D, Q and R until the other columns are more or less settled.

* Booklet #14 compost crop, see Ecology Action's Booklet #14

©2002, 1998, 1995 Ecology Action, 5798 Ridgewood Road, Willits CA 95490-9730. Revised 2/3/03.