

# FORM 9: COMPOST DESIGN (2)

NAME: SBU

DATE: 1/08

## CARBON (BUILT)

## NITROGEN (BUILT)

	K	L	M	N	O	P	Q@	R@
DRY (MATURE) MATERIALS	% C  *DRY*	ANNUAL C per BED *DRY* lb or kg [I x K x 0.01]	ACTUAL C *DRY* lb or kg [L x C]	% N  *DRY*	ANNUAL N per BED *DRY* lb or kg [F x N x 0.01]	ACTUAL N *DRY* lb or kg [O x C]	C/N RATIO [M / P]	B-C-M [A x B x C]
Corn, Flour	52.3	22.6	122.0	0.9	0.43	2.32	52.5	22.95
Amaranth, Diet	52.3	11.2	21.5	0.8	0.19	0.36	59.7	5.76
Amaranth, Inome	52.3	11.2	1.6	0.8	0.19	0.03	56	[0.45]
Raisins	52	7.0	8.9	0.6	0.09	0.11	80.9	15.36
Filberts	52	8.8	39.6	0.6	0.11	0.49	80.8	54
Rye	53.6	14.9	22.7	0.6	0.18	0.27	84.0	13.77
<b>DRY SUBTOTALS</b>			216.3			3.58		

	K	L	M	N	O	P	Q@	R@
GREEN MATERIALS	% C  *GRN*	ANNUAL C per BED *GREEN* lb or kg [I x K x 0.01]	ACTUAL C *GREEN* lb or kg [L x C]	% N  *GRN*	ANNUAL N per BED *GREEN* lb or kg [F x N x 0.01]	ACTUAL N *GREEN* lb or kg [O x C]	C/N RATIO [M / P]	B-C-M [A x B x C]
Fava Beans	54.6	17.0	78.71	0.6	1.08	5.0	15.7	27
B14CC	54.6	3.44	44.72	0.6	0.21	2.73	16.4	91
<b>GREEN SUBTOTALS</b>			123.43			7.73		

**TOTALS**

339.73

11.31

222.84

'BUILT' C / N RATIO (Col. M Total / Col. P Total) = 30 / 1

**MINIMUM GOAL: C / N RATIO: ~30 / 1**

AVERAGE PRODUCED PER COMPOST CROP BED-CROP (see Table B for Goals)

Average 'BUILT' Carbon per Bed-Crop: Col. M Total / Col. D Total =  $\frac{10.57}{0.35}$  lb or kg C  
 Average 'BUILT' Nitrogen per Bed-Crop: Col. P Total / Col. D Total =  $\frac{0.35}{0.35}$  lb or kg N

*in these calculations Col. D Total includes crops in ( ) and [ ] because they contribute to production*