

Using the FFGC with Templates

This overview is given as 1) a demonstration of the basics of using the FFGC with the Templates and 2) as a procedure to follow to get the most out of using the calculator. When using this overview as a procedure to follow, it is necessary to use it in conjunction with the Calculator Instructions. Many small-plot gardeners will be able to use the FFGC without the templates, but those who are growing a large variety and quantity of crops will find the templates very useful for managing information about planting and harvest.

Part 1: Filling in the FFGC

The following examples are from the Demo calculator filled in during the FFGC Training Video.

To begin, fill in the Basic Information and Row Length Information sections of calculator.

The screenshot shows the 'Fantastic Farm Calculator' interface. The 'Basic Information' section is highlighted in yellow and contains the following data:

Field	Value
#persons to feed	10
Total Row lengths (ft)	135
Total number of rows	10
Row Width (in)	18
Row feet double-planted, intercropping	0
Frost Date	9/18/2010
Total Row Ft Used	0
Garden End Date	9/30/2010
Row Ft unused	135

The 'Row Length Inputs' section is a table with 3 columns: Row #, Row Length (ft), and Row #. It contains 10 rows of data, with the first row having a Row # of 1 and a Row Length of 10. The total Row Length is 135 ft.

Row #	Row Length (ft)	Row #
1	10	10
2	10	11
3	10	12
4	10	13
5	10	14
6	10	15
7	10	16
8	10	17
9	10	18
10	10	19

The 'Cold Weather Crop Inputs' section is a table with 8 columns: Species, # lbs/wk per person, # lbs/wk retail sales, # of wks of harvest, Succession Interval, # of wks of harvest, Succession Interval, 2nd planting date, and Ave # of days to Harv. It contains 10 rows of data, with the first row having a Species of 'Arugula' and a Succession Interval of 2.

Species	# lbs/wk per person	# lbs/wk retail sales	# of wks of harvest	Succession Interval	# of wks of harvest	Succession Interval	2nd planting date	Ave # of days to Harv
Arugula			1	2				
Beets + greens	0.5	3	3	14	2	7	7/15/2010	60
Bok Choy			1	7				
Broccoli			1	7				
Brussel Sprouts			1	7				
Cabbage			1	7				
Carrots			1	7				
Cauliflower			1	7				
Chard			1	7				
Chicory			1	7				
Collards			1	7				
Corn (shelled)			1	7				
Garlic	0.25	8	8					330
Kale			1	7				
Leks			1	7				
Lettuce, Leaf	1	5	3	7	3	7	7/15/2010	40
Lettuce, Head			1	7				
Mustard			1	7				
Onion			1	7				
Parsley			1	7				
Parsnip			1	7				
Peas			1	7				
Peas, Snow			1	7				
Radishes			1	7				
Shallots			1	7				
Spinach			1	7				
Tomatoes, cherry, 4 varieties			1	7				

Fill in the crop harvest goals for cold weather crops.

The screenshot shows the 'Cold Weather Crop Inputs' section of the calculator. It contains a table with 8 columns: Species, # lbs/wk per person, # lbs/wk retail sales, # of wks of harvest, Succession Interval, # of wks of harvest, Succession Interval, 2nd planting date, and Ave # of days to Harv. The table lists various cold weather crops and their associated values.

Species	# lbs/wk per person	# lbs/wk retail sales	# of wks of harvest	Succession Interval	# of wks of harvest	Succession Interval	2nd planting date	Ave # of days to Harv
Arugula			1	2				
Beets + greens	0.5	3	3	14	2	7	7/15/2010	60
Bok Choy			1	7				
Broccoli			1	7				
Brussel Sprouts			1	7				
Cabbage			1	7				
Carrots			1	7				
Cauliflower			1	7				
Chard			1	7				
Chicory			1	7				
Collards			1	7				
Corn (shelled)			1	7				
Garlic	0.25	8	8					330
Kale			1	7				
Leks			1	7				
Lettuce, Leaf	1	5	3	7	3	7	7/15/2010	40
Lettuce, Head			1	7				
Mustard			1	7				
Onion			1	7				
Parsley			1	7				
Parsnip			1	7				
Peas			1	7				
Peas, Snow			1	7				
Radishes			1	7				
Shallots			1	7				
Spinach			1	7				
Tomatoes, cherry, 4 varieties			1	7				

Fill in the crop harvest goals for hot weather crops.

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Radishes 1 7 7

Shanets 1 7 7

Spinach 1 7 7

Turnips baby + greens 1 7 7

Hot Weather Crop Inputs

Species # lbs/wk per person # lbs/wk retail sales Ave # of days to harvest

Hot Weather Crops

Basil 0.5 3 70

Beans

Cauliflower

Cucumber

Eggplant

Melons

Okra

Peppers, Bell

Potatoes

Summer Squash

Tomatoes

Winter Squash

Cold Weather Crop Row Planting Info

Species Plant spacing (in) Total Row Feet Row Feet /wk Total # of plants sown Plants sown/wk Annual yield (lbs)

Cold Weather Crops

Arugula 6 0 0 0 0 0

Beets + greens 4 24 5 648 130 40

Bok Chai 12 0 0 0 0 0

Broccoli 15 0 0 0 0 0

Check the “Row Ft unused” cell in the orange area of the Basic Information section to see if the amount of space used to achieve the crop harvest goals is more than the amount of space available.

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Fantastic Farm Calculator

Calculations based on biointensive growing methods

Skill Level: Beginner

Basic Information

#persons to feed 10 Total row lengths (ft) 135

Total number of rows 10 Row Feet double-planted, intercropping 18

Row Width (in) 36 Row Feet double-planted, intercropping 18

Frost Date 9/18/2010 Total Row Ft Used 169

Garden End Date 9/30/2010 Row Ft unused -34

Row Length Inputs

Row # Row Length (ft) Row # Row Length (ft) Row # Row Length (ft)

1 10 16 10 31

2 10 17 10 32

3 10 18 10 33

4 10 19 10 34

5 10 20 10 35

6 20 21 10 36

7 35 22 10 37

8 15 23 10 38

9 10 24 10 39

10 5 25 10 40

11 10 26 10 41

12 20 27 10 42

13 20 28 10 43

14 20 29 10 44

15 135 30 0 45 0

Total Row lengths (ft) 135 Total 30 0 Total 45 0

Adjust the harvest goals for the cold and hot weather crops until the amount of space used = the amount of space available and the “Row Ft unused” is 0, or as close to 0 as possible. Be aware that later season cold weather crop harvest goals (fields headed in yellow) do not affect the amount of space used because these crops are planted in the same location as early season cold weather crops (fields headed in orange).

Calc. Name: Demo

Notes: Intercropping: Lettuce w/garlic 16 ft. Rows 4 successions bi-weekly

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Fantastic Farm Calculator

Calculations based on biointensive growing methods

Skill Level: Beginner

Basic Information

#persons to feed: 10 Total Row Length (ft): 135

Total number of rows: 10 Row Feet double-planted, successions: 22

Row Width (in): 36 Row Feet double-planted, Intercropping: 124

Plant Date: 9/18/2010 Total Row Ft Used: 11

Garden End Date: 9/30/2010 Row Ft unused: 11

Row #	Row Length (ft)	Row #	Row Length (ft)	Row #	Row Length (ft)
1	10	16		31	
2	10	17		32	

Adjust the harvest goals for cold and hot weather crops using the additional space created by intercropping, until the amount of space used = space available and the “Row Ft unused” is 0 or as close to 0 as possible.

If using the Farm version of the calculator, fill in the Retail Sales module.

Crop	Qty to sell/box	price / lb	qty of box	Total inv.
Arugula	0	0.00	1	0.00
Beets + greens	3	2.50	7.50	52.50
Bok Choy	0	0.00	1	0.00
Broccoli	0	0.00	1	0.00
Brussels sprouts	0	0.00	1	0.00
Cabbage	0	0.00	1	0.00
Carrots	0	0.00	1	0.00
Cauliflower	0	0.00	1	0.00
Chard	0	0.00	1	0.00
Cilantro	0	0.00	1	0.00
Custards	0	0.00	1	0.00
Garn (chives)	0	0.00	1	0.00
Garlic	3	6.00	18.00	90.00
Kale	0	0.00	1	0.00
Leeks	0	0.00	1	0.00
Lettuce, Leaf	5	0.00	6	0.00
Lettuce, Head	0	0.00	1	0.00
Mustard	0	0.00	1	0.00
Onions	0	0.00	1	0.00
Parsley	0	0.00	1	0.00
Parsnip	0	0.00	1	0.00
Pears	0	0.00	1	0.00
Pears, Snow	0	0.00	1	0.00
Radicchio	0	0.00	1	0.00
Shallots	0	0.00	1	0.00
Sprouts	0	0.00	1	0.00
Turnips baby + greens	0	0.00	1	0.00
Beet	0	0.00	12	0.00

Print the calculator (it is possible to print the calculator in black and white by changing the printer settings).

Part 2: Using the Templates

The following examples are from the actual farm plan used by HeartEye Village CSA.

Print, or open in Excel, the Crop Rotation template.

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Hot Weather Crop Row Planting Info

Crop	Plant spacing (in)	Total Row Feet	Total # of plants across	Annual yield (lbs)
Hot Weather Crops				
Beet	6	35	490	43
Beans	6	189	2706	174
Cauliflower	0	0	0	0
Cucumber	12	59	207	282
Eggplant	18	79	123	128
Melons	15	0	0	0
Onion	12	0	0	0
Peppers, Bell	12	73	252	146
Potatoes	12	0	0	0
Summer Squash	15	94	211	283
Tomatoes	18	134	208	402
Winter Squash	15	69	140	97
36" Row Ft Used Hot Weather		731		

Hot Weather Crop Planting and Harvest Date Info

Crop	# of rows to harvest	# of weeks to harvest	Weeks to harvest	Planting date	1st harvest	Final harvest	Days of harvest
Hot Weather Crops							
Beet	20	3	84	5/18/2010	6/7/2010	8/30/2010	8/30/2010
Beans	70	10	84	5/18/2010	7/13/2010	10/9/2010	10/9/2010
Cauliflower	0	0	7	5/28/2010	5/28/2010	6/4/2010	6/4/2010
Cucumber	77	11	74	5/18/2010	8/3/2010	10/16/2010	10/16/2010
Eggplant	88	14	81	5/18/2010	8/24/2010	10/23/2010	10/23/2010
Melons	0	0	91	5/28/2010	5/28/2010	8/22/2010	8/22/2010
Onion	0	0	91	5/28/2010	5/28/2010	8/22/2010	8/22/2010
Peppers, Bell	84	12	119	5/18/2010	8/10/2010	12/7/2010	10/15/2010
Potatoes	0	0	119	5/18/2010	5/18/2010	9/7/2010	9/7/2010
Summer Squash	77	11	119	5/18/2010	7/20/2010	11/16/2010	10/15/2010
Tomatoes	79	11	119	5/18/2010	8/1/2010	11/28/2010	10/15/2010

Fill in the Hot Weather Crops in the appropriate rows in the Current Year, Early Crop column. As you choose where to plant each crop keep in mind:

- Row amount needed
- Rotations from previous years
- Notes for sun exposure
- Intercropping goals

Year _____		Crop Rotation			
Row #	Current Year, Early Crop	Current year, Later Crop	Length	Previous Year, Crops	Notes
1	Peppers (20) + Basil (10)	_____	30	Tomatoes	FullSun
2	Egg (14)	_____	36	Tomatoes	FullSun
3	Winter Sq	_____	35	SprinklePepp/Tom	FullSun
4	Winter Sq (30)	_____	34	EggSq	FullSun
5	Egg	_____	30	S. Sq/Tom	FullSun
6	Egg	_____	32	S. Sq/Tom	FullSun
7	Summer Sq	_____	32	Tom/Basil/Egg	FullSun
8	Summer Sq	_____	31	Tomatoes	FullSun
9	Summer Sq	_____	30	Pepp	FullSun
10			29	Tomatoes	FullSun
11			29	W. Sq/Corn/RedPepp	FullSun
12			27	W. Sq/Tom	FullSun
13			26	Beet/Tom	FullSun
14			26	W. Sq	FullSun
15			25	Oni	FullSun
16			24	Beet/W. Sq	FullSun
17			23	Beet/Pepp	FullSun
18			22	Beet/Pepp/Tomato	FullSun
19			22	Beet/W. Sq	FullSun
20			21	Beet/W. Sq	FullSun
21			20	Oni	Shade
22			20	Red/Corn	Shade
23			20	Leaf	Shade
24			20	Leaf	Shade
25			20	Tomato/Leaf	Shade
26			20	Sq	Shade
27			20	Sq/Leaf	Shade
28			20	Beet	Shade
29			20	Leaf	Shade
30			20	Leaf	Shade
31			20	Leaf	Shade
32			20	Beet	PartialSun
33			20	Leaf	PartialSun
34			20	Asparg/Corn	PartialSun
35			20	Pars/Beet/Corn	PartialSun
36			20	Beet/Corn	PartialSun
37			20	Asparg/Kale	PartialSun
38			20	Beet/Kale	PartialSun
39			20	Beet/Egg	PartialSun
40			20	Brocc/Raspb	Shade
41			20	Red/Corn	Shade
42			20	Red/Corn	Shade
43			32	Turn/Bot	FullSun, along fence
44			34	Tom/Basil/Corn	FullSun
45			119	Pars	FullSun, along fence
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Cold Weather Crop Now Planting Info

Crop	Row spacing (in)	Total Row Feet	Row Feet /wk	Total # of plants sown	Plants sown/wk	Annual yield (lbs)
Arugula	8	48	6	834	48	34
Beets + greens	4	41	8	1292	258	68
Broccoli	12	41	7	144	24	119
Brussels Sprouts	12	0	0	0	0	0
Cabbage	12	20	10	70	39	97
Corn	3	43	6	1638	604	184
Cauliflower	12	0	0	0	0	0
Chard	10	3	3	50	17	59
Cilantro	5	7	2	141	35	9
Collards	12	10	3	35	12	30
Corn	3	0	0	0	0	0
Corn	4	34	34	764	764	44
Kale	12	21	5	47	12	49
Leeks	6	0	0	0	0	0
Lettuce, Leaf	8	47	3	370	26	189
Lettuce, Head	8	84	6	662	47	189
Muscard	6	0	0	0	0	0
Onions	5	46	14	467	167	134
Parley	5	7	4	141	71	10
Peas	4	0	0	0	0	0
Peas, Snow	4	144	36	4536	1134	65
Rutabaga	2	79	6	9994	999	239
Rutabaga	4	4	4	144	144	4
Sprouts	6	79	13	1050	179	113
Turnips baby + greens	2	154	13	19404	1617	462

Done

Fill in the Cold Weather Crops in appropriate rows in Current Year, Early Crop column and in Current Year, Later Crop column. As you choose where to plant each crop keep in mind:

Row amount needed
Rotations from previous years
Notes for sun exposure
Intercropping goals

Year _____ Crop Rotation

Row	Current Year, Early Crop	Current Year, Later Crop	Row #	Length	Previous Year, Crops	Notes
1	Peppers (20') + Basil (10')	---	1	34	Tomato	Full Sun
2	Egg (14') + Turnips (22')	---	2	36	Tomato	Full Sun
3	Winter Sq	---	3	35	Sprout/Pepper/Tom	Full Sun
4	Winter Sq (20')	---	4	34	Egg/Sq	Full Sun
5	Egg w/Sp	---	5	32	S. Spr/Tom	Full Sun
6	Egg w/Sp	---	6	32	S. Spr/Tom	Full Sun
7	Summer Sq	---	7	32	Tomato/Egg	Full Sun
8	Summer Sq	---	8	31	Tomato	Full Sun
9	Summer Sq	---	9	30	Pepp	Full Sun
10	Garlic (24') + Shallots (3')	---	10	29	Tomato	Full Sun
11	Turnips	Turnips	11	28	W. Spr/Corn/Rad/Pepp	Full Sun
12	Turnips	Turnips	12	27	W. Spr/Tom	Full Sun
13	Peppers	---	13	26	Bot/Tom	Full Sun
14	Peppers	---	14	26	W. Spr	Full Sun
15	Basil	---	15	25	Oni	Full Sun
16	Tomatoes	---	16	24	Bean/W. Sq	Full Sun
17	Tomatoes	---	17	23	Bean/Pepp	Full Sun
18	Tomatoes	---	18	22	Bean/Pepp/Tomato	Full Sun
19	Tomatoes	---	19	22	Bean/W. Sq	Full Sun
20	Tomatoes	---	20	21	Bean/W. Sq	Full Sun
21	Tomatoes	---	21	20	Oni	Shade
22	Arug	Arug	22	20	Rad/Corn	Shade
23	Kale (10') + Arug (10')	Kale (10') + Arug (10')	23	20	Leaf	Shade
24	Cabbage	---	24	20	Arug	Shade
25	Bean/Cil/Chard/Corn w/ Rad (10')	Bean/Cil/Chard/Corn w/ Rad (10')	25	20	Turnip/Arug	Shade
26	Beans	Beans	26	20	Spr	Shade
27	Beans	Beans	27	20	Spr/Willow	Shade
28	Lettuce	Lettuce	28	20	Beet	Shade
29	Flower (2') + Beans (10')	--- + Beans (10')	29	20	Leaf	Shade
30	Beets	---	30	20	Leaf	Shade
31	Sprouts (18')	Sprouts (17')	31	20	Leaf	Shade
32	Chard (10') + Collard (10')	---	32	20	Bean	Partial Sun
33	---	---	33	20	Arug	Partial Sun
34	---	---	34	20	Arug/Corn	Partial Sun
35	Onion (5') + Tomato (10') + Lett (5')	--- + Lettuce (5')	35	20	Pepp/Beet/Chard	Partial Sun
36	---	---	36	20	Bean/Corn	Partial Sun
37	Sprouts	Sprouts	37	20	Arug/Cil	Partial Sun
38	Lettuce	Lettuce	38	20	Bean/Cil	Partial Sun
39	Bot	Bot	39	20	Beet/Egg	Partial Sun
40	Corn w/ Rad	Corn w/ Rad	40	20	Beet/Rad/Sp	Shade
41	Corn w/ Rad (10')	Corn w/ Rad (10')	41	20	Rad/Chard	Shade
42	Lettuce	---	42	20	Hard/Cil	Shade
43	Snow Peas	Snow Peas	43	32	Turn/Bot	Full Sun, along fence
44	Beans (14') + Tomato (10')	Beans (14') + ---	44	34	Tomato/Corn	Full Sun
45	Cilantro (37') + Beans (40') + Onions (20')	--- Beans (40') + Onions (20')	45	119	Pepp	Full Sun, along fence
46	---	---	46	---	---	---
47	---	---	47	---	---	---
48	---	---	48	---	---	---
49	---	---	49	---	---	---
50	---	---	50	---	---	---
51	---	---	51	---	---	---
52	---	---	52	---	---	---
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54	---	---	54	---	---	---
55	---	---	55	---	---	---
56	---	---	56	---	---	---
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67	---	---	67	---	---	---
68	---	---	68	---	---	---
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71	---	---	71	---	---	---
72	---	---	72	---	---	---
73	---	---	73	---	---	---
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Landshare Colorado

Turnips baby + greens 2 73 13 1050 175 113 154 13 19404 1617 462

36" Row Ft Used Cold Weather 936

Cold Weather Crop Planting and Harvest Data Info

Species	# of days	# of weeks	Plant date	1st Harvest	Final Harvest	2nd Harvest	1st Harvest	Final Harvest	# of days of harvest
Cold Weather Crops									
Arugula	56	8	4/6/2010	6/1/2010	7/13/2010	6/7/2010	8/12/2010	9/13/2010	84
Beets + greens	80	11	4/6/2010	6/25/2010	7/30/2010	7/14/2010	8/19/2010	10/10/2010	56
Bok Choi	65	9	5/4/2010	7/8/2010	7/29/2010	7/14/2010	8/17/2010	10/8/2010	42
Bruce	65	9	4/6/2010	6/18/2010	6/17/2010	1/4/1900	3/6/1900	3/6/1900	7
Brussels Sprouts	0	0	5/18/2010	5/18/2010	5/25/2010	1/1/1900	1/1/1900	1/1/1900	7
Cabbage	11	1	4/27/2010	7/14/2010	7/28/2010	1/1/1900	3/19/1900	3/19/1900	14
Carrots	90	13	4/6/2010	7/5/2010	8/9/2010	7/7/2010	10/5/2010	10/19/2010	49
Cauliflower	0	0	4/6/2010	4/6/2010	4/13/2010	1/1/1900	1/1/1900	1/1/1900	7
Chard	63	9	4/6/2010	6/8/2010	7/13/2010	1/1/1900	3/4/1900	3/4/1900	28
Cilantro	80	11	5/18/2010	8/6/2010	8/3/2010	1/1/1900	3/21/1900	3/21/1900	28
Collards	90	13	4/6/2010	5/5/2010	6/10/2010	1/1/1900	3/13/1900	3/13/1900	49
Corn	0	0	6/1/2010	6/1/2010	6/8/2010	1/1/1900	1/1/1900	1/1/1900	7
Garlic	260	37	10/15/2009	7/1/2010	-	-	-	-	7
Kale	63	9	4/6/2010	6/7/2010	6/28/2010	6/14/2010	8/15/2010	8/15/2010	42
Leeks	0	0	4/27/2010	4/27/2010	5/4/2010	1/1/1900	1/1/1900	1/1/1900	7
Lettuce, Leaf	30	4	4/6/2010	5/26/2010	6/18/2010	6/13/2010	8/4/2010	9/4/2010	98
Lettuce, Head	65	9	4/6/2010	6/10/2010	7/29/2010	6/15/2010	8/19/2010	10/7/2010	98
Mustard	0	0	4/27/2010	4/27/2010	5/4/2010	1/1/1900	1/1/1900	1/1/1900	7
Onion	115	16	4/27/2010	6/13/2010	-	-	-	-	21
Parsley	77	11	4/6/2010	6/22/2010	7/13/2010	1/1/1900	3/18/1900	3/18/1900	21
Peanut	0	0	4/21/2010	4/21/2010	4/28/2010	1/1/1900	1/1/1900	1/1/1900	7
Pumpkin	0	0	4/6/2010	4/6/2010	4/13/2010	1/1/1900	1/1/1900	1/1/1900	7
Pine, Snow	80	11	4/6/2010	6/25/2010	7/16/2010	7/1/2010	9/19/2010	10/10/2010	42
Radishes	30	4	4/6/2010	5/6/2010	7/8/2010	7/1/2010	7/31/2010	10/2/2010	126
Shallots	100	14	4/6/2010	7/15/2010	-	-	-	-	7
Sprouts	30	4	4/6/2010	5/26/2010	6/16/2010	6/1/2010	8/20/2010	10/11/2010	42
Turnips baby + greens	63	9	4/6/2010	6/8/2010	7/20/2010	6/21/2010	8/22/2010	10/4/2010	84

Hot Weather Crop Row Planting Info

Species	Plant Row Feet	Total Row Feet	Total # of plants across	Annual yield (lbs)
Hot Weather Crops				
Basil	6	35	490	43
Beans	6	193	2702	174

...and for the Hot Weather Crops...

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Summer Squash 15 94 211 289

Tomatoes 18 134 208 402

Winter Squash 15 65 146 97

36" Row Ft Used Hot Weather 731

Hot Weather Crop Planting and Harvest Data Info

Species	# of days	# of weeks	Planting date	1st Harvest	Final Harvest	Final Harvest	Days of harvest
Hot Weather Crops							
Basil	20	3	5/18/2010	6/7/2010	8/30/2010	8/30/2010	84
Beans	70	10	4/4/2010	7/13/2010	10/5/2010	10/5/2010	84
Cauliflower	0	0	5/28/2010	5/28/2010	6/4/2010	6/4/2010	7
Cucumber	77	11	5/18/2010	6/29/2010	10/16/2010	10/16/2010	78
Eggplant	98	14	5/18/2010	8/24/2010	11/23/2010	10/15/2010	52
Helena	0	0	5/28/2010	5/28/2010	8/27/2010	8/27/2010	91
Onion	0	0	5/28/2010	5/28/2010	8/27/2010	8/27/2010	91
Peppers, Bell	84	12	5/18/2010	8/10/2010	12/7/2010	10/15/2010	66
Potatoes	0	0	11/9/2010	11/9/2010	11/9/2010	11/9/2010	119
Summer Squash	77	11	5/4/2010	7/20/2010	11/16/2010	10/15/2010	87
Tomatoes	75	11	5/18/2010	8/1/2010	11/26/2010	10/15/2010	75
Winter Squash	91	13	5/4/2010	8/3/2010	8/31/2010	8/31/2010	28

Cold Weather Crops Seed Amount Info

Species	# of seeds	approx gms	approx oz
Cold Weather Crops			
Arugula	620	2.1	0.1
Beets + greens	1292	43.1	1.5
Bok Choi	144	0.6	0.0
Bruce	0	0.0	0.0
Brussels Sprouts	0	0.0	0.0
Cabbage	70	0.6	0.0
Carrots	3948	34.8	1.2
Cauliflower	0	0.0	0.0
Chard	50	1.0	0.0
Cilantro	141	1.9	0.1
Collards	35	0.1	0.0
Corn	0	0.0	0.0
Garlic	756	185.0	6.5
Kale	47	0.2	0.0
Lettuce, Leaf	370	0.5	0.0

Hot Weather Crops Seed Amount Info

Species	# of seeds	approx gms	approx oz
Hot Weather Crops			
Basil	490	0.7	0.0
Beans	2702	900.7	32.2
Cauliflower	0	0.0	0.0
Cucumber	207	8.3	0.3
Eggplant	123	0.6	0.0
Helena	0	0.0	0.0
Onion	0	0.0	0.0
Peppers, Bell	252	1.8	0.1
Potatoes	0	not seeded	not seeded
Summer Squ	211	26.4	0.9
Tomatoes	208	0.7	0.0
Winter Squa	146	29.2	1.0

...to fill in the Planting Overview.

Year _____

Planting and Harvest Guide

Row #	Jan wk 1	Jan wk 2	Jan wk 3	Jan wk 4	Feb wk 1	Feb wk 2	Feb wk 3	Feb wk 4	Mar wk 1	Mar wk 2	Mar wk 3	Mar wk 4	Apr wk 1	Apr wk 2	Apr wk 3	Apr wk 4	May wk 1	May wk 2	May wk 3	May wk 4	Jun wk 1	Jun wk 2	Jun wk 3	Jun wk 4
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Year _____

Planting and Harvest Guide

Row #	Jul wk 1	Jul wk 2	Jul wk 3	Jul wk 4	Aug wk 1	Aug wk 2	Aug wk 3	Aug wk 4	Sep wk 1	Sep wk 2	Sep wk 3	Sep wk 4	Oct wk 1	Oct wk 2	Oct wk 3	Oct wk 4	Nov wk 1	Nov wk 2	Nov wk 3	Nov wk 4	Dec wk 1	Dec wk 2	Dec wk 3	Dec wk 4
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Place the Crop Rotation template, the Planting Overview and Planting and Harvest Guides in a binder and use it as a reference book throughout the growing season.

Fill in the Variety Template for all varieties you will use.

Year _____

Variety List

Crop	Variety	Vendor	Variety	Vendor	Variety	Vendor	Variety	Vendor
Arugula								
Beets + greens								
Bok Choi								
Broccoli								
Brussel Sprouts								
Cabbage								
Carrots								
Cauliflower								
Chard								
Cilantro								
Collards								
Corn								
Garlic								
Kale								
Leeks								
Lettuce, Leaf								
Lettuce, Head								
Mustard								
Onions								
Parsley								
Parsnip								
Peas								
Peas, Snow								
Radishes								
Shallots								
Spinach								
Turnips baby + greens								
Beet								
Beets								
Cauliflower								
Cucumber								
Eggplant								
Hot peppers								
Onions								
Peppers, Bell								
Potatoes								
Summer Squash								
Tomatoes								
Winter Squash								

Fantastic Farm and Garden Calculator

www.landshareco.org

Use the Variety Template and Seed Amount section of calculator to order seeds.

Landshare Colorado

http://www.landshareco.org/planting/calculator/calculator.php?user_calc_id=53

Landshare Colorado

75 110 8/18/2010 8/17/2010 11/28/2010 10/15/2010 75

91 13 20 8/4/2010 8/4/2010 8/4/2010 20

Cold Weather Crops Seed Amount Info

Species	# of seeds	approx gms	approx oz
Arugula	826	2.1	0.1
Beets + greens	1292	42.1	1.5
Bok Choy	144	0.6	0.0
Broccoli	0	0.0	0.0
Brussels Sprouts	0	0.0	0.0
Cabbage	70	0.6	0.0
Corn	3528	5.4	0.2
Cauliflower	0	0.0	0.0
Chard	60	1.6	0.0
Cherries	141	1.9	0.1
Cilantro	35	0.1	0.0
Corn	0	0.0	0.0
Garlic	756	189.0	6.8
Kale	47	0.2	0.0
Lettuce, Leaf	370	0.5	0.0
Lettuce, Head	662	0.8	0.0
Mustard	0	0.0	0.0
Onions	907	4.6	0.2
Parsley	141	0.4	0.0
Parsnip	0	0.0	0.0
Pears	0	0.0	0.0
Pears, Snow	4336	1512.0	54.0
Radishes	9954	124.4	4.4
Rhubarb	150	2.0	0.1
Spinach	1050	13.1	0.5
Turnips baby + greens	19404	59.7	2.1

Hot Weather Crops Seed Amount Info

Species	# of seeds	approx gms	approx oz
Beet	490	0.7	0.0
Beans	2762	900.7	32.2
Cauliflower	0	0.0	0.0
Cucumber	207	8.3	0.3
Eggplant	123	0.6	0.0
Malines	0	0.0	0.0
Olives	0	0.0	0.0
Peppers, Bell	252	1.8	0.1
Potatoes	0	not needed	not needed
Summer Squ	211	26.4	0.9
Tomatoes	208	0.7	0.0
Winter Squ	146	39.3	1.0

Retail Sales Calculator

Item	Qty to order	price / lb	total	price / oz	total
Arugula	1	10.97	10.97	12	128.04
Beets + greens	1	2.50	2.50	8	22.40
Bok Choy	1	1.60	1.60	6	9.60
Broccoli	0	0.00	0.00	1	0.00

Done