

## Fair Share Farm Seeding and Planting Spreadsheet

We hope that you find the attached Excel spreadsheet useful. Its use requires some knowledge of working with spreadsheets and we cannot provide that expertise here. *Please note that the existing information in the spreadsheet (info in blue columns) is for example only, so don't get hung up trying to make too much sense of our data. You will need to determine your own Spacing, Days to Maturity values for each vegetable, etc. and take into account time in the greenhouse.* The table on the next page, and knowledge of spreadsheets and farming is necessary. If you have any questions about the spreadsheet (not Excel basics) please call or email.

### Column Headings:

Most of the column headings are self explanatory. Columns that are Blue are filled in with the farmer's personal selection. Columns that are White are "facts" and come from seed catalogs (ie, seeds needed to plant 100' row), or other sources. Columns that are Yellow contain calculations/formulas.

### Direct Seeded Versus Transplant

For each row you have a choice of either direct seeded or transplanted crops. The attached table explains these differences.

### Excel "Tricks"

The spreadsheet is very "long and tall". There are two basic ways to manage that.

1. You can hide columns that you are not interested in seeing. For example, we usually hide columns B and C (Family and Type), E (Genetic Type), etc. Use the Window menu at the top of the spreadsheet to hide and un-hide columns after highlighting them.

The seed ordering columns are ones that we use when ordering seeds and hide all other times (Columns G through O).

2. You can "Split" the spreadsheet so that the header stays at the top of the page and the Vegetable column stays on the left as you tab through the body of the spreadsheet. The spreadsheet comes set up that way. You can use the Window menu at the top of the page to remove a split.

Once you have the spreadsheet filled in you can use the Data menu at the top of the spreadsheet to sort the data. For seed ordering, highlight the spreadsheet, click on the Data menu, and sort by Catalog (Column N). To get a chronologic list of your seeded and planting schedule, highlight the spreadsheet, click on the Data menu, and sort by Plant Date (Column V), or Field TP date (Column X).

To insert a blank line, click on a row, then right click and click on Insert. A new line will be inserted above. You can copy lines and cells similarly. Find someone who knows Excel if you don't have that expertise. You will need to be able to do this to copy the formulas to a new/blank line.

Dates can be added and subtracted, so for example Column Z (Harvest Date of 5/19/05) can have the Days to Maturity (Column Y, DTM) subtracted from it to arrive at the needed transplant date (Column X, Field TP) of 3/25/05. This is done via a formula in the Column X cells.

Similarly, you can decide on what date you plan on transplanting (Column X), and put a formula in Column Z (=X+Y), to calculate your harvest date.

We welcome any feedback or spotting of errors. Hope this is helpful. Good luck with your CSA.

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## Fair Share Farm Seeding and Planting Spreadsheet

Column	Heading	Comments
A	Vegetable	Filled in by farmer, self explanatory
B	Family	Self explanatory
C	Type	Self explanatory; eg. "leaf" v. "butterhead" lettuce
D	Variety	Filled in by farmer, self explanatory
E	Genetic Type	OP=open pollinated, H=hybrid
F	Row Ft	Filled in by farmer, amount you plan to plant, feet
G	Seeds/oz	Number of seeds in one ounce
H	Seeds/100'	Weight of Seeds to direct seed 100 row feet T= Transplants (not direct seeded)
I	Units	Units reflected in Column H
J	TP Seeds Req	$=1.3*(F/(P/12))/G$ ; determines weight of seeds required (+30%) when transplanting. You can also use Column Q (# plants) to find out how many seeds (count) you need.
K	DS Seeds Req	$=(F/100)*H$ ; determines weight of seeds required to direct seed length of row feet input in Column F.
L	Qty ordered	Filled in by farmer, based on calculated need in columns J and/or K. Quantity actually ordered needs to reflect seed company's packet sizes.
M	Catalog	Filled in by farmer, desired seed company/source
N	Catalog No.	Self explanatory, per seed catalog
O	Cost	Self explanatory, per seed catalog
P	Spacing	Filled in by farmer, desired spacing of plants within the row, inches
Q	# Plants	$=F/(P/12)$ ; number of plants needed to fill desired row length
R	# Rows	Filled in by farmer; number of rows per bed
S	# Beds	$=F/(R*200)$ ; At Fair Share Farm our beds are 200 feet long, tells us the # of beds needed.
T	Flat Size	Based on your greenhouse system for that vegetable
U	# Flats	$=1.2*(Q/T)$ ; calculates the number of flats needed for that planting. Includes and extra 20%
V	Plant	$=X-W$ ; For direct seeded plants the seedling date to maturity (Column W) is blank). For transplants, the time needed for seedlings to grow and be hardened off is subtracted from the field planting date (Column X).
W	S DTM	The number of days for transplants to be seeded, grown, and hardened off in the greenhouse
X	Field TP	$=Z-Y$ ; Date of transplant or direct seeding. Determined by back calculating from desired harvest date.
Y	DTM	Days to maturity from plant date. Adjust transplant DTM accordingly.
Z	Harvest	Date of desired harvest.
AA	Week	CSA week coinciding with harvest date.