

Answer Key

Part A (Calculations work= 30pts/Calculations justified =20pts):

Plant	Row Spacing	Seed Spacing	Number of Plants		
Tomato	36	0.5	25	450	
Lettuce	18	1	16	288	
Spinach	24	3	10	720	
Peas	30	2	60	3600	
Green beans	24	3	10	720	
				5778	481.5

Part B (Calculations work= 25pts/Calculations justified =25pts):

	Days to harvest	First Frost 9/11/2013		
Tomato	55	60	18-Jul	13-Jul
Lettuce	65	85	8-Jul	13-Jun
Spinach	35	40	8-Aug	3-Aug
Peas	61	61	12-Jul	12-Jul
Green beans	54	54	19-Jul	19-Jul

Part C (Calculations work= 20pts/Calculations justified =20pts):

Batches	93 square feet	3.25 square feet	28.615385
Vinegar	2 cups	58 cups	
Lemon Juice	3 Table Spoons	87 Tablespoons	5.4375
Rubbing Alcohol	1 oz.	29 oz.	3.625
Dish Soap	2 teaspoons	58 teaspoons	174
			10.875
			Total
Water			

feet squared

pts):

pts):

29

58 cups

5 cups and 7 Tablespoons

3 cups and 5 oz.

Tablespoons

3 cups and 1 Tablespoon, 1 teaspoon

76

76 Cups H2O