

3-Year Planting Plan

Proposed by: _____

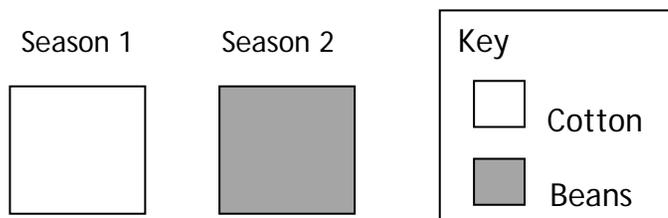
Instructions: With your team, you must design a 3-year plan for your fields. On the next three pages, you will see the layout of your eight fields. Remember that not all of the fields have the same type of soil; some of the fields contain wetter, heavier *baleeri* soil and others contain drier, lighter *kenyeri* soil. Use your Data Collection Pages to help you decide which types of crops to plant in which soil. As you design your plan, you must follow the planting guidelines below.

Planting Guidelines

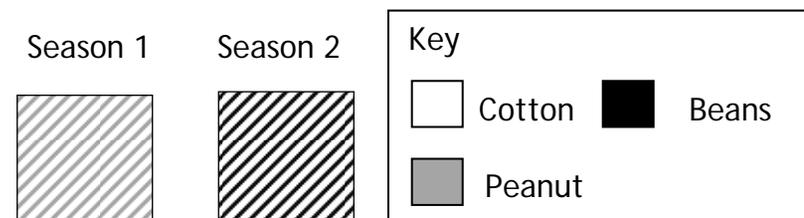
1. You must use the either crop rotation or intercropping as a strategy for maintaining soil nutrients. You can also choose to use both strategies.
 - If you are using crop rotation, you must plant a legume crop (peanut or bean) on any field that had a mallow (cotton) or grass (corn, millet, or sorghum) crop the year before. This means all fields should have a legume every other year.
 - If you are using intercropping, you must include one legume crop (peanut or bean) in each crop combination.
2. You must plant your crops on their preferred type of soil (*baleeri* or *kenyeri*).
3. You must plant at least two types of food crops each season.
4. You must plant at least two types of cash crops each season.
5. You do not have to plant every type of crop every season, but you should plant all of the crop varieties at least once during the 3-year cycle.

On the following pages, create a color-coding scheme for your crops. Color the field to show which crop(s) you plan to plant on it.

Example: If you use **crop rotation**, your plan for Field 1 (*kenyeri* soil) might look like this in the first two seasons:

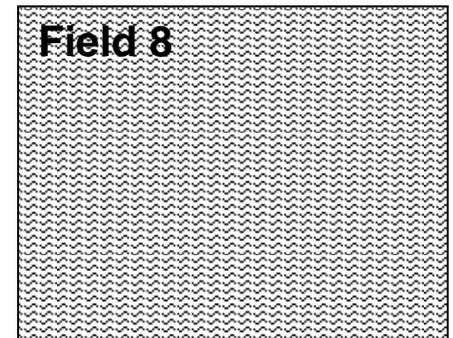
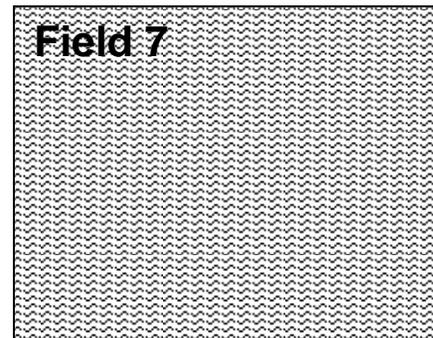
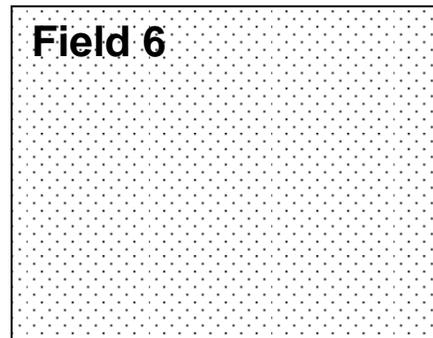
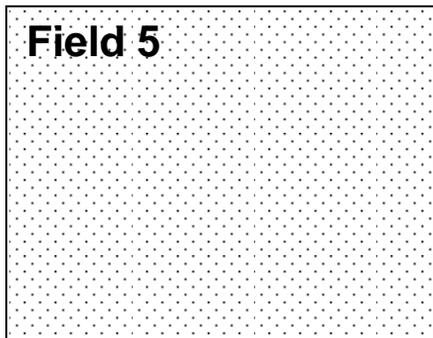
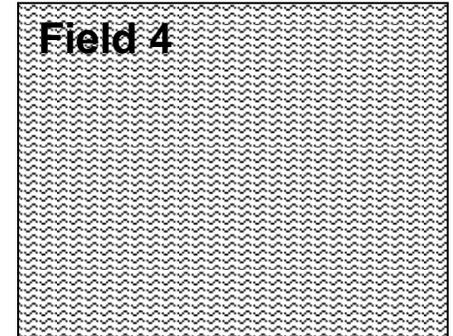
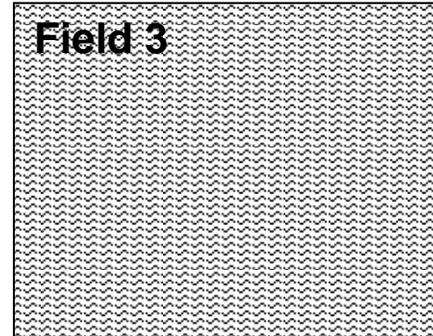
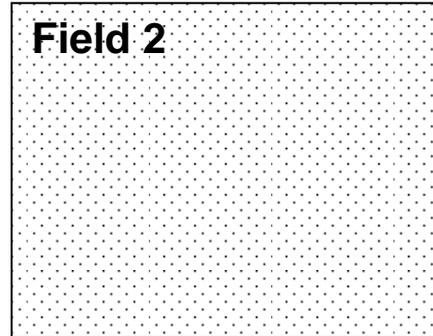
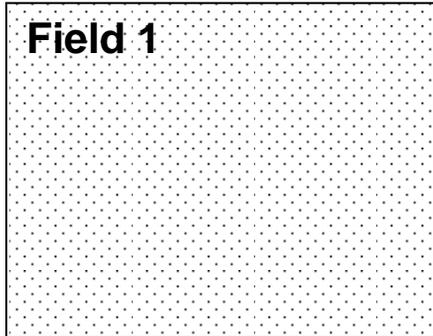


Example: If you use **intercropping**, your plan for Field 1 (*kenyeri* soil) might look like this in the first two seasons:



***Hint:** Remember to intercrop or rotate plants from the legume family (beans and peanuts) with plants from other families in order to maintain soil nitrogen levels!

Growing season 1



Soil types

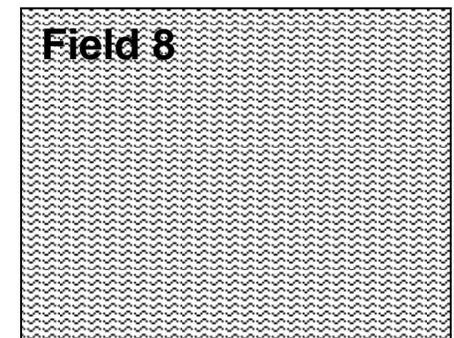
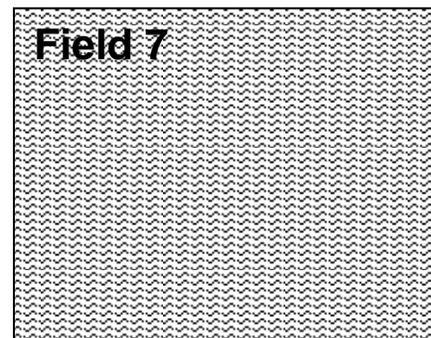
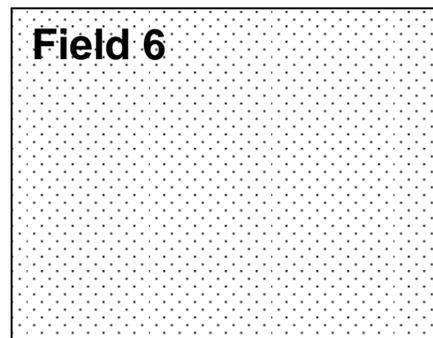
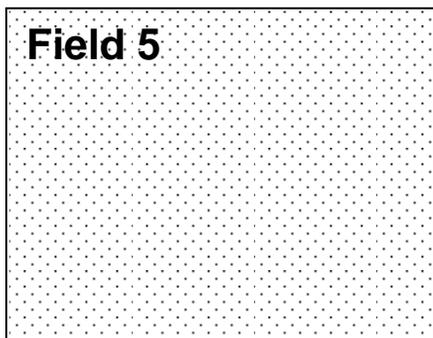
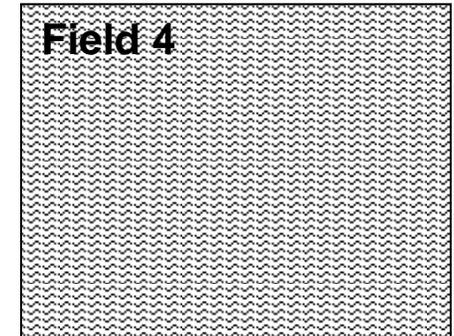
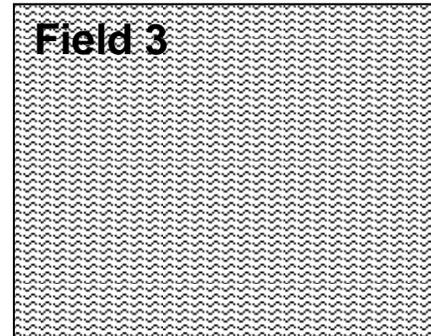
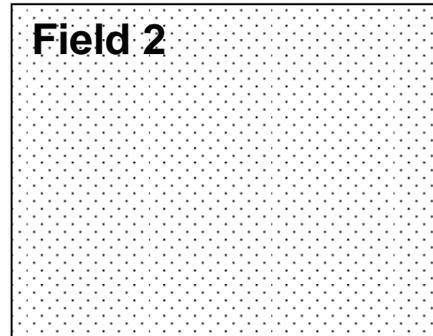
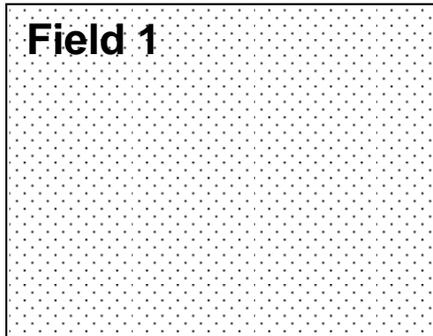
 *Baleeri*

 *Kenyeri*

Crop types (create your own color-coding system for this map)

<input type="checkbox"/> Beans	<input type="checkbox"/> Corn	<input type="checkbox"/> Cotton
<input type="checkbox"/> Millet	<input type="checkbox"/> Peanuts	<input type="checkbox"/> Sorghum

Growing season 2



Soil types



Crop types (create your own color-coding system for this map)



Beans



Corn



Cotton



Millet

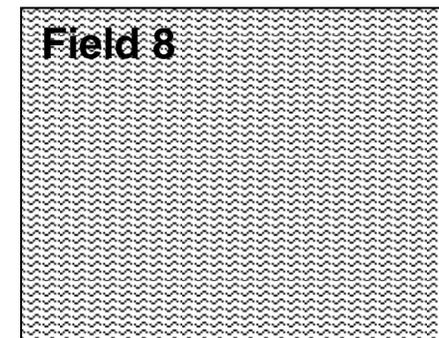
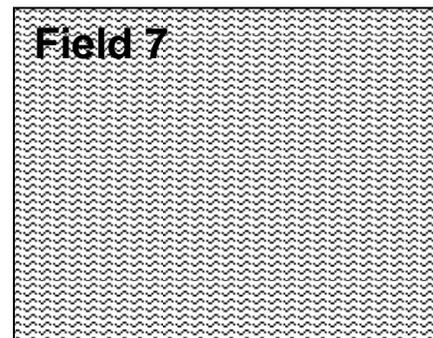
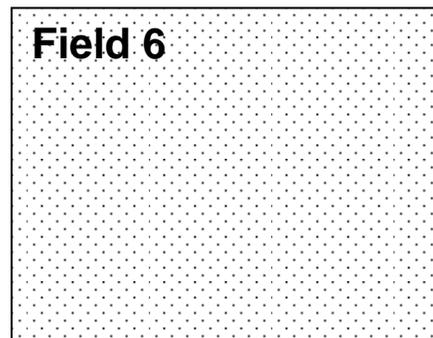
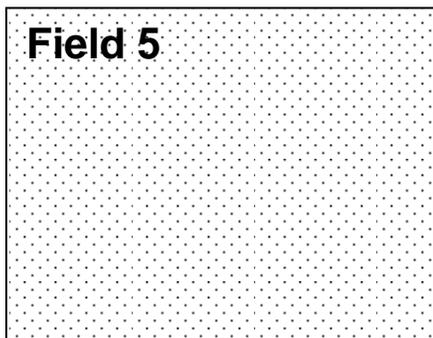
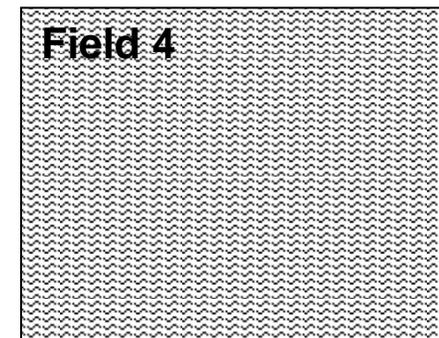
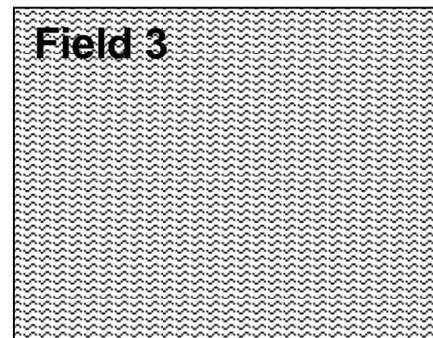
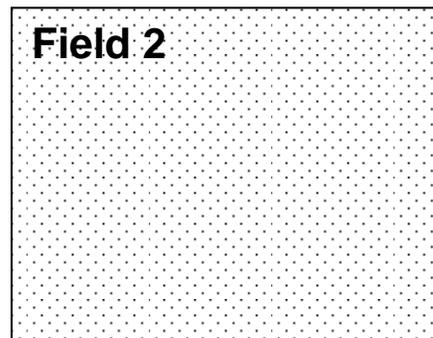
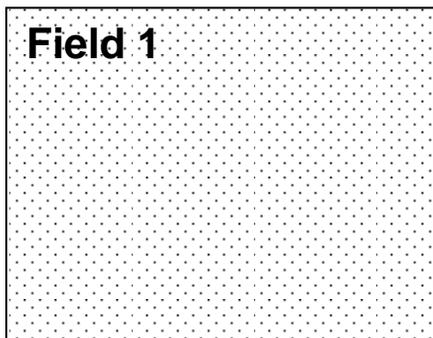


Peanuts



Sorghum

Growing season 3



Soil types

 *Baleeri*

 *Kenyeri*

Crop types (create your own color-coding system for this map)

Beans

Corn

Cotton

Millet

Peanuts

Sorghum

Planting plan summary

After you have created your planting plan, summarize your decisions here. On the chart below, record which crops you will plant on each field over the three years.

	Season 1	Season 2	Season 3
Field 1			
Field 2			
Field 3			
Field 4			
Field 5			
Field 6			
Field 7			
Field 8			