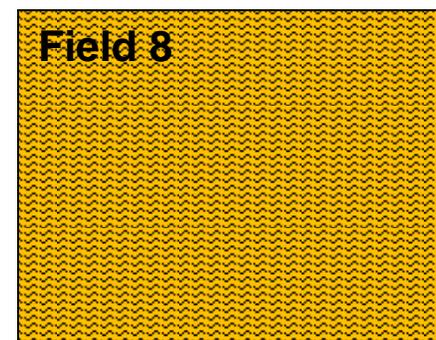
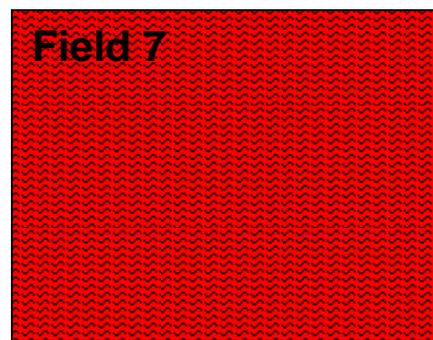
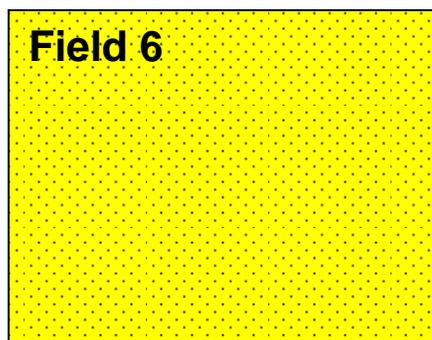
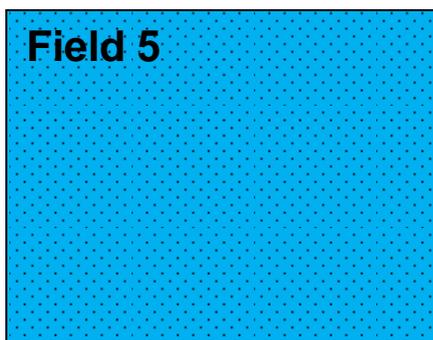
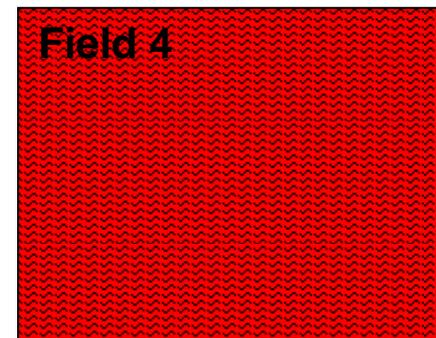
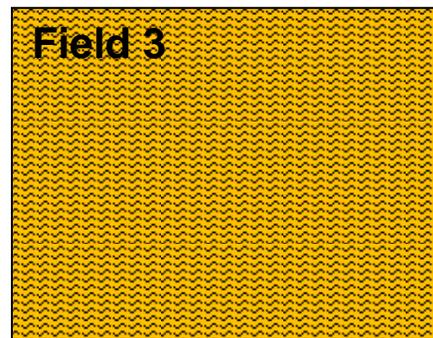
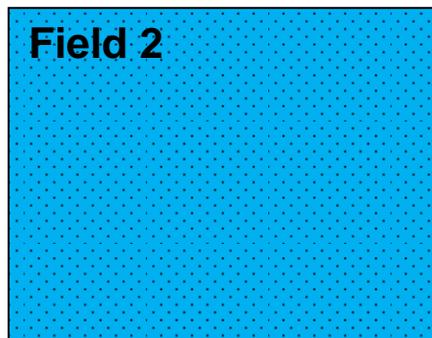
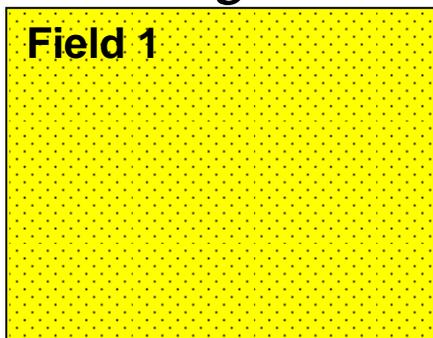


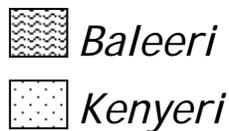
3-Year Planting Plan

Example solution using crop rotation

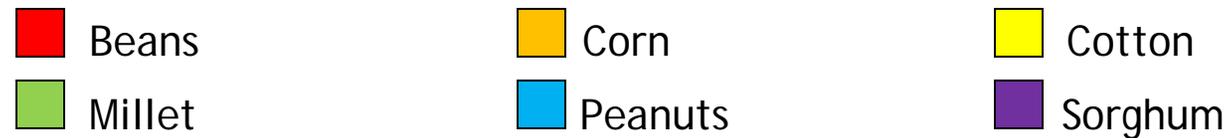
Growing season 1



Soil types



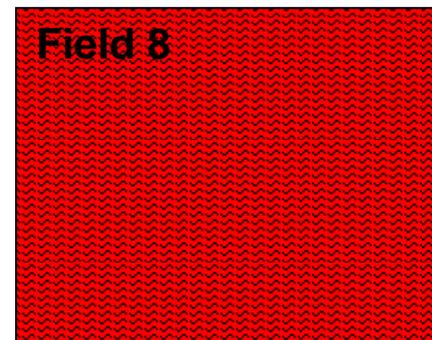
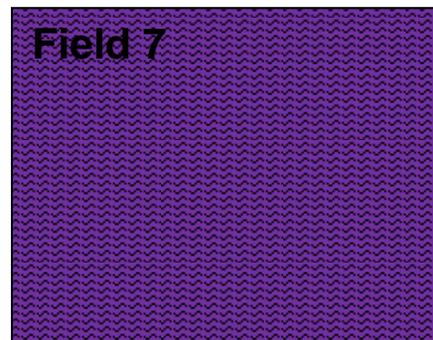
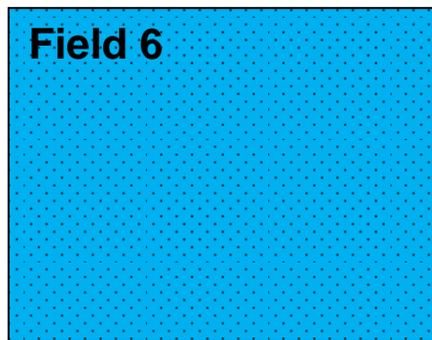
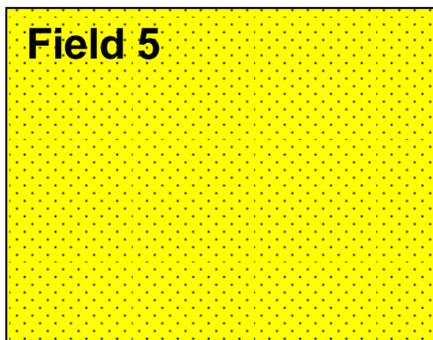
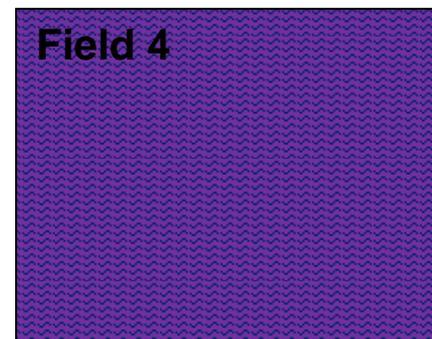
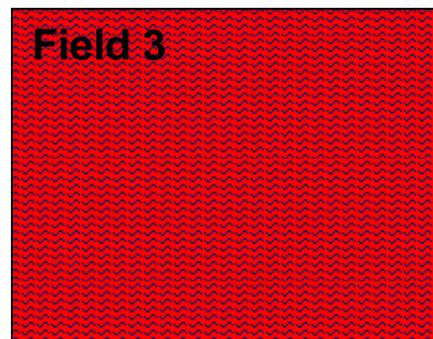
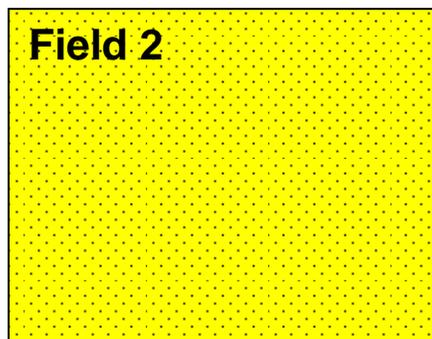
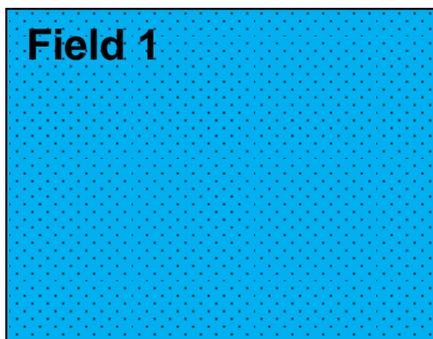
Crop types (create your own color-coding system for this map)



3-Year Planting Plan

Example solution using crop rotation

Growing season 2



Soil types

- Baleeri*
- Kenyeri*

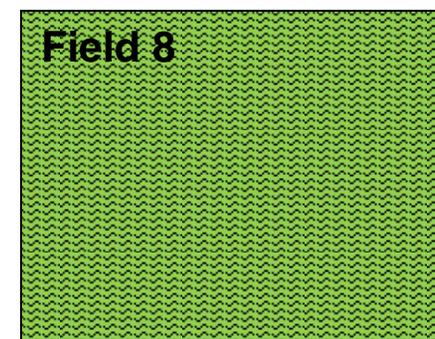
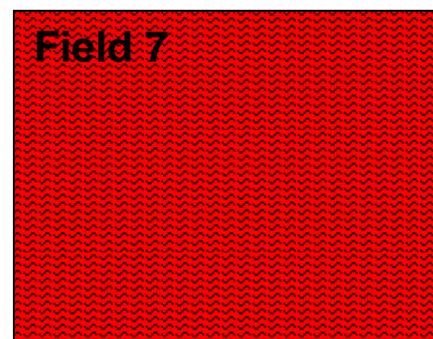
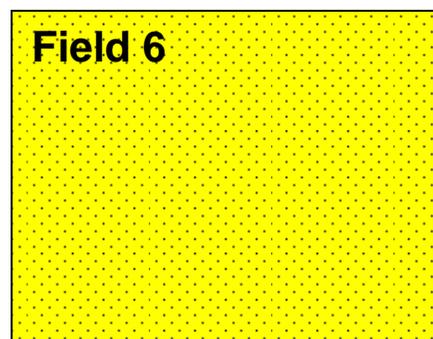
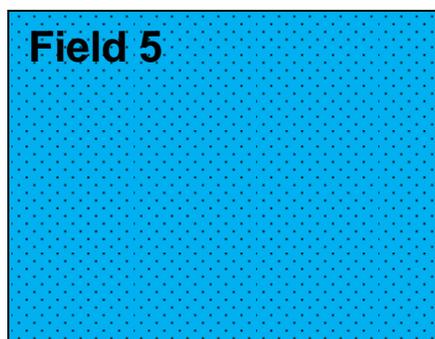
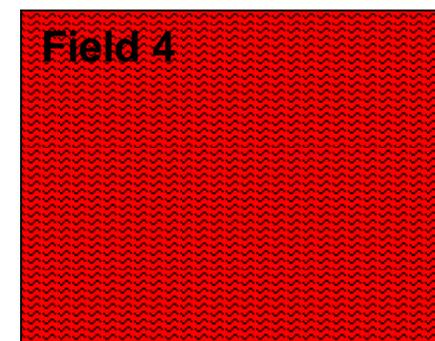
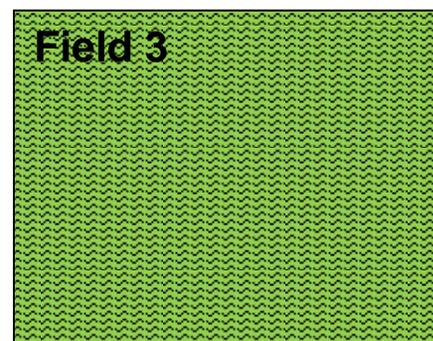
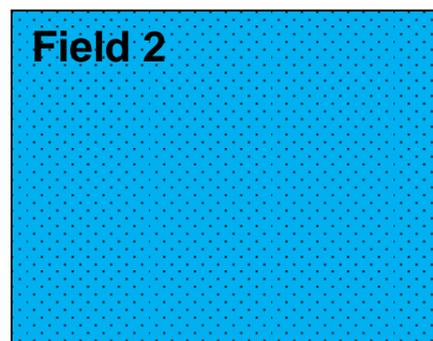
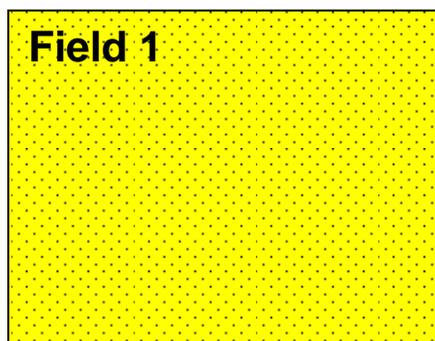
Crop types (create your own color-coding system for this map)

- Beans
- Corn
- Cotton
- Millet
- Peanuts
- Sorghum

3-Year Planting Plan

Example solution using crop rotation

Growing season 3



Soil types

- Baleeri
- Kenyeri

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

- Beans
- Millet
- Corn
- Peanuts
- Cotton
- Sorghum

Planting plan summary

Example solution using crop rotation

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	Cotton	Peanut*	Cotton
Field 2	Peanut*	Cotton	Peanut*
Field 3	Corn	Beans*	Millet
Field 4	Beans*	Sorghum	Beans*
Field 5	Peanut*	Cotton	Peanut*
Field 6	Cotton	Peanut*	Cotton
Field 7	Beans*	Sorghum	Beans*
Field 8	Corn	Beans*	Millet

*Legumes (peanuts or beans) should be present on each field at least every other season.

Explanation

How does this crop rotation plan meet the planting guidelines?

Guideline 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*

A bean or pea crop appears on each field every other year. In the other years, cotton and a variety of grain crops are grown.

Guideline 2: *You must plant your crops on their preferred type of soil (baleeri or kenyeri).*

Kenyeri fields (Fields 1-2; 5-6) are never planted with corn, millet, or sorghum. Kenyeri is not the preferred soil type for these crops.

Baleeri fields (Fields 3-4; 7-8) are never planted with peanuts. Baleeri is not the preferred soil type for peanuts.

Guideline 3: *You must plant at least two types of food crops each season.*

In Season 1, corn and beans are grown as food crops.

In Season 2, beans and sorghum are grown as food crops.

In Season 3, millet and beans are grown as food crops.

Guideline 4: *You must plant at least two types of cash crops each season.*

Peanuts and cotton are both grown every season.

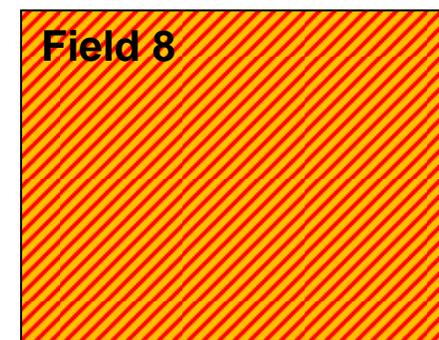
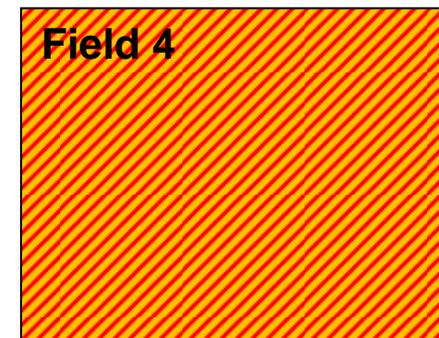
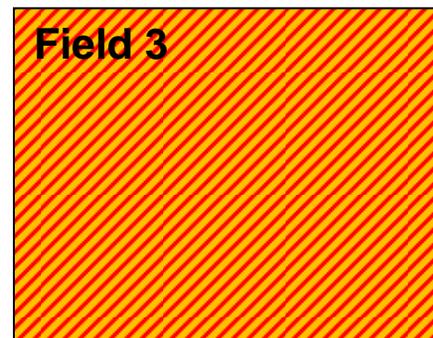
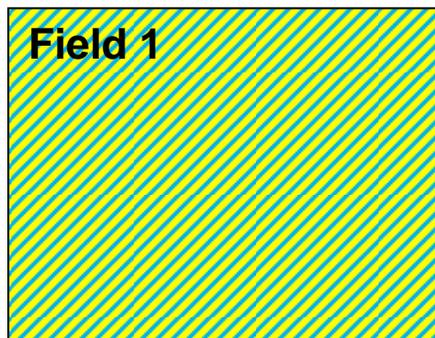
Guideline 5: *You do not have to plant every type of crop every season, but you should plant all of the crop varieties at least once during the 3-year cycle.*

Each of the six crops is grown at some point within the 3-Year Planting Plan.

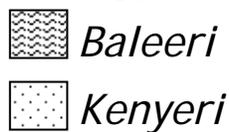
3-Year Planting Plan

Example solution using intercropping

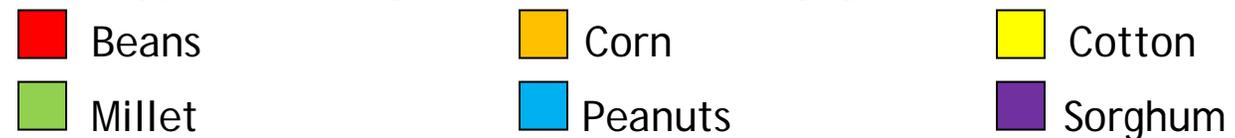
Growing season 1



Soil types



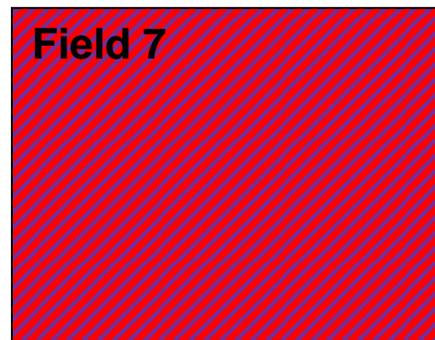
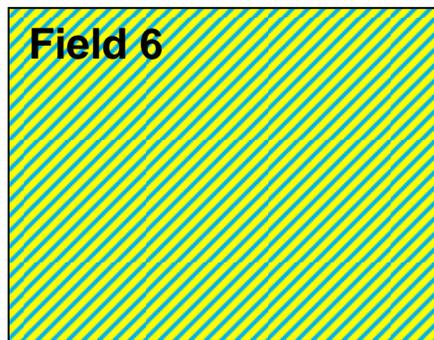
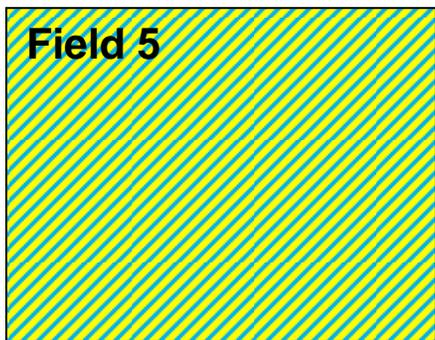
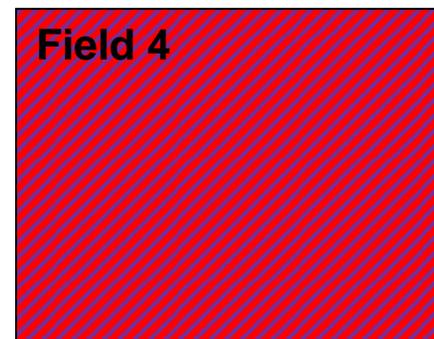
Crop types (create your own color-coding system for this map)



3-Year Planting Plan

Example solution using intercropping

Growing season 2



Soil types

	<i>Baleeri</i>
	<i>Kenyeri</i>

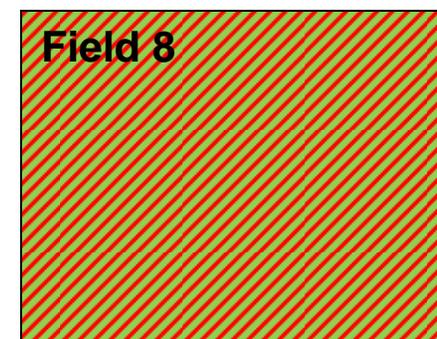
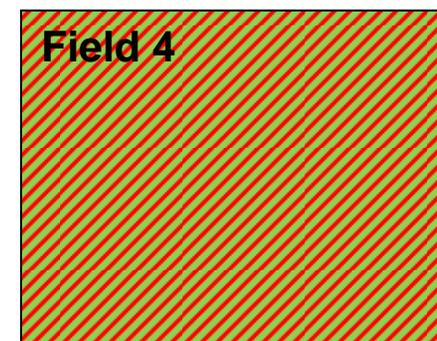
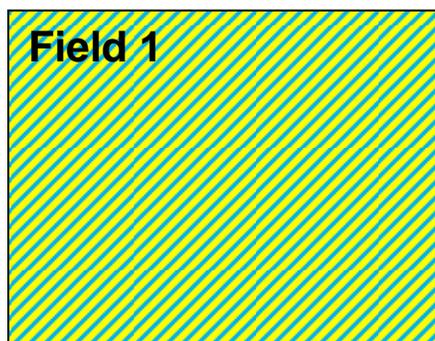
Crop types (create your own color-coding system for this map)

	Beans		Corn		Cotton
	Millet		Peanuts		Sorghum

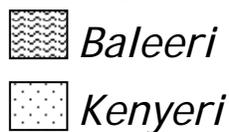
3-Year Planting Plan

Example solution using intercropping

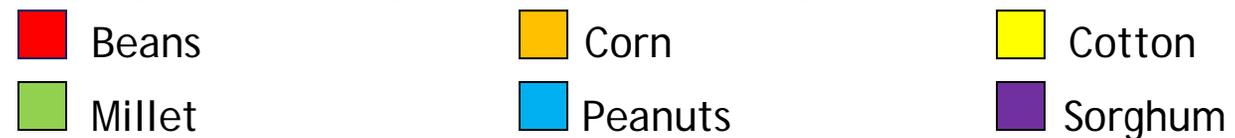
Growing season 3



Soil types



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



Planting plan summary

Example solution using intercropping

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	Cotton	Peanut*	Cotton	Peanut*	Cotton	Peanut*
Field 2	Cotton	Peanut*	Cotton	Peanut*	Cotton	Peanut*
Field 3	Beans*	Corn	Beans*	Sorghum	Beans*	Millet
Field 4	Beans*	Corn	Beans*	Sorghum	Beans*	Millet
Field 5	Cotton	Peanut*	Cotton	Peanut*	Cotton	Peanut*
Field 6	Cotton	Peanut*	Cotton	Peanut*	Cotton	Peanut*
Field 7	Beans*	Corn	Beans*	Sorghum	Beans*	Millet
Field 8	Beans*	Corn	Beans*	Sorghum	Beans*	Millet

*Legumes (peanuts or beans) should be present on each field every season.

Explanation

How does this intercropping plan meet the planting guidelines?

Guideline 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*

A bean or pea crop appears on each field each year, in combination with a plant from another family.

Guideline 2: *You must plant your crops on their preferred type of soil (baleeri or kenyeri).*

Kenyeri fields (Fields 1-2; 5-6) are never planted with corn, millet, or sorghum. Kenyeri is not the preferred soil type for these crops.

Baleeri fields (Fields 3-4; 7-8) are never planted with peanuts. Baleeri is not the preferred soil type for peanuts.

Guideline 3: *You must plant at least two types of food crops each season.*

In Season 1, corn and beans are grown as food crops.

In Season 2, beans and sorghum are grown as food crops.

In Season 3, millet and beans are grown as food crops.

Guideline 4: *You must plant at least two types of cash crops each season.*

Peanuts and cotton are both grown every season.

Guideline 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.*

Each of the six crops is grown at some point within the 3-Year Planting Plan.