**Problem**
West Pokot farms are not reaching the maximum yield potential. Currently grown beans are suffering due to drought and infertile soil.

**Initial Assessment**
- West Pokot is major bean producer
- Bean failure:
  - Lacking soil fertility
  - Limited water supply
  - Government aid attempts failed
    - Farmer resistance
    - Crop failure leads to uncertainty

**Where Is West Pokot?**
West Pokot is located in Kenya’s Great Rift Valley region, bordering Uganda.

**The “One Farmer” Plan**
Domino effect: Convince one farmer, others will follow

Side by Side:
- Plant two different plots, side by side
  - Plot 1 - currently grown bean
  - Plot 2 - new bean
- Demonstrate the yield potential of both to farmer

**Pinto Beans**
- 90-150 days
- Moist soil
- N/P fertilizers
- Soil 75°F for germination

**Haricot Beans**
- 42 days
- Marginal soil
- No fertilizers
- Soil 64°F for germination

**Assessment Plan**
A 3 step evaluation plan with a final assessment:
1. 1st growing period evaluation: assess yield, prices, profit, etc.
2. 2nd growing period evaluation: assess yield, prices, profit, etc.
3. 3rd growing season evaluation: assess yield, profit, etc. Combine all data and assess overall for three seasons.
Final assessment: Go back 2 years later and assess the family economically, socially, their overall health, etc.

**The Future**
- Two harvests in one growing season
- Minimized water consumption
- Higher yield
- Increased income

Implement with other crops for improvement of all farms

**References**