Better Beans, Bigger Bellies

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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

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

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, price, 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
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