

### Short Term Plan

1. Acquire funding
2. Purchase supplements
3. Educate locals and distribute supplements
4. Set up local clinics
5. Train local assistants
6. Test for vitamin A deficiency
7. Observe patients as they take pills
8. Keep detailed records
9. Twice yearly dosage



A local assistant observes a patient while he takes his supplement

### Cost:

- 2 cents a pill, twice a year = 4 cents a year per person
- \$1404/month for doctors

### Benefit:

- Decrease childhood blindness
- Decrease infant mortality
- Decrease risk of growth retardation
- Improve function of immune and respiratory systems

### Present Situation

- WHO identified that Nigeria has one of the highest risks for Vitamin A deficiency in the world
- 80,000 Nigerian children die due to Vitamin A deficiency annually
- Vitamin A deficiency can be linked to 34-69% of child blindness in Nigeria

### Need

**Short term:**  
 Immediate treatment for vitamin A deficiency

**Long term:**  
 Sustainable local source of Vitamin A

### Approach

**Short term:**  
 Modified DOTS distribution

**Long term:**  
 Introduce experimental crop in local plantations



### References

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 Moringausa: <http://www.moringausa.com/>  
 Working group on new TB drugs: [http://blog.newtdrugs.org/2010/07/the-sanatorium-files-part-4-dots/Moringa and Healing Herbs: http://www.moringa4healing.com/](http://blog.newtdrugs.org/2010/07/the-sanatorium-files-part-4-dots/Moringa%20and%20Healing%20Herbs)  
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### Long Term Plan

1. Cultivate the plants in experimental plantations
2. Provide local farmers with the tree limbs
3. Pay subsidies to participating farmers
4. Farmers conduct business as usual

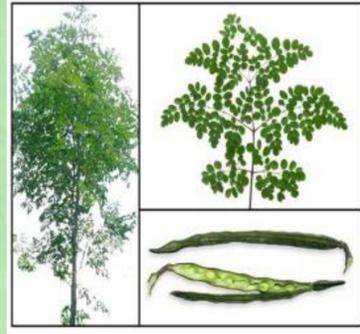


### Cassava

- Grows in hot, dry climates
- Yellow-Fleshed cassava: very high in vitamin A
- Yellow cassava is resistant to diseases

### Moringa

- Leaves contain 4 times the vitamin A of carrots
- Common and cheap in northern Nigeria
- Drought and disease resistant



### Cost:

- Cost of construction of experimental plantations
- Cost to import the experimental plants
- 5 years of subsidies for farmers

### Benefit:

- Save thousands of lives
- Help stimulate Nigeria's economy
- Increase quality of life