

## Part 3: Let Seed Be Thy Medicine

<https://vimeo.com/309961263/d8fdf80f2b>

### **PROBLEM:**

More than \_\_\_ of  
Zambia's population  
suffers from  
Vitamin \_\_\_  
deficiency.

Without Vitamin \_\_\_... "Hidden Hunger"

1. Weak \_\_\_\_\_
2. \_\_\_\_\_ growth
3. Night \_\_\_\_\_

Terms to know...

Deficient/Deficiency -

Immune system -

Stunting -

Homozygous -

Hybrid -

Fortified -

Nutrition -



**KAFUE VILLAGE  
IN MUSAKA,  
ZAMBIA, AFRICA**

Women farmers meet monthly to...

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Most cannot afford to purchase Vitamin \_\_\_ supplements so the government has been distributing the supplements.

Is this sustainable? Why or why not?

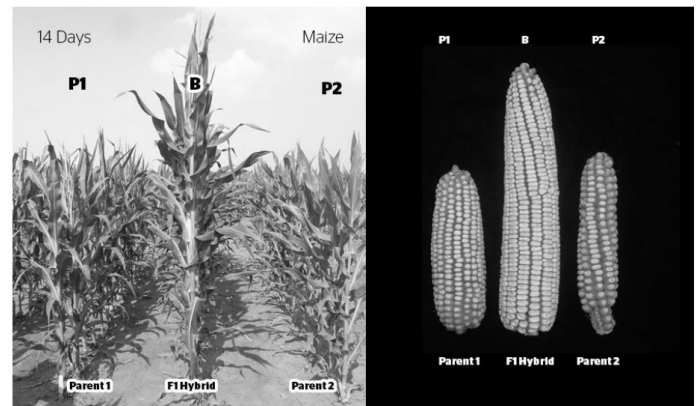
Solution:

Biofortification –

What are Harvest Plus, Howdy Bouis, and plant breeders working to develop?

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MAIZE F1 HYBRIDS



What color is the new vitamin rich corn?

What is the next challenge?

Visit <http://b4fa.org/bioscience-in-brief/plantbreeding/plantbreeding-ii/> to learn more about hybridization as well as other aspects of plant breeding.

