

WORKSHOP 1: SCIENCE, TECHNOLOGY AND INNOVATION FOR RESEARCHERS IN AGRIBUSINESS

*Promoting New Plant Varieties for Enhanced Agricultural Productivity
and Food Security*

Jane Achando

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Casablanca, Morocco



MONSANTO



**BILL & MELINDA
GATES foundation**

**THE HOWARD G.
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USAID
FROM THE AMERICAN PEOPLE

New drought-tolerant white maize hybrids
Protection for a better harvest

African Agricultural Technology Foundation

- The AATF is a not-for-profit organisation that facilitates and promotes public/private partnerships for the access and delivery of appropriate agricultural technologies (e.g. **new plant varieties**) for sustainable use by smallholder farmers in Sub Saharan Africa (SSA) through innovative partnerships and effective stewardship along the entire value chain.

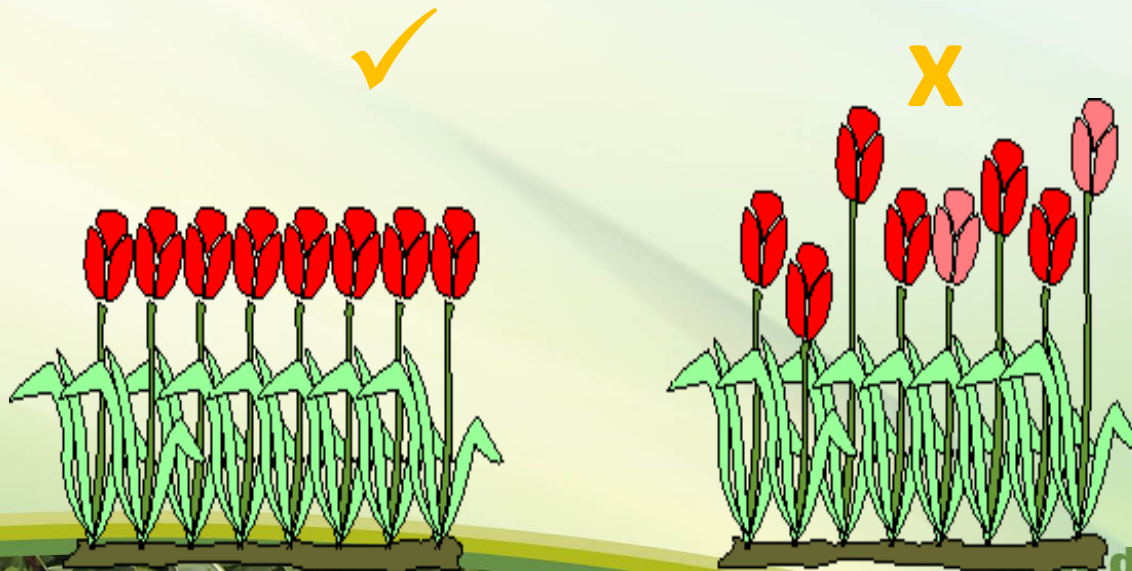
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New Plant Varieties

- A breeder's right shall be granted in respect of plant varieties of those genera or species where the variety is **new, distinct, uniform, stable**, and given a variety denomination which is acceptable for registration.



... drought-tolerant white maize hybrids

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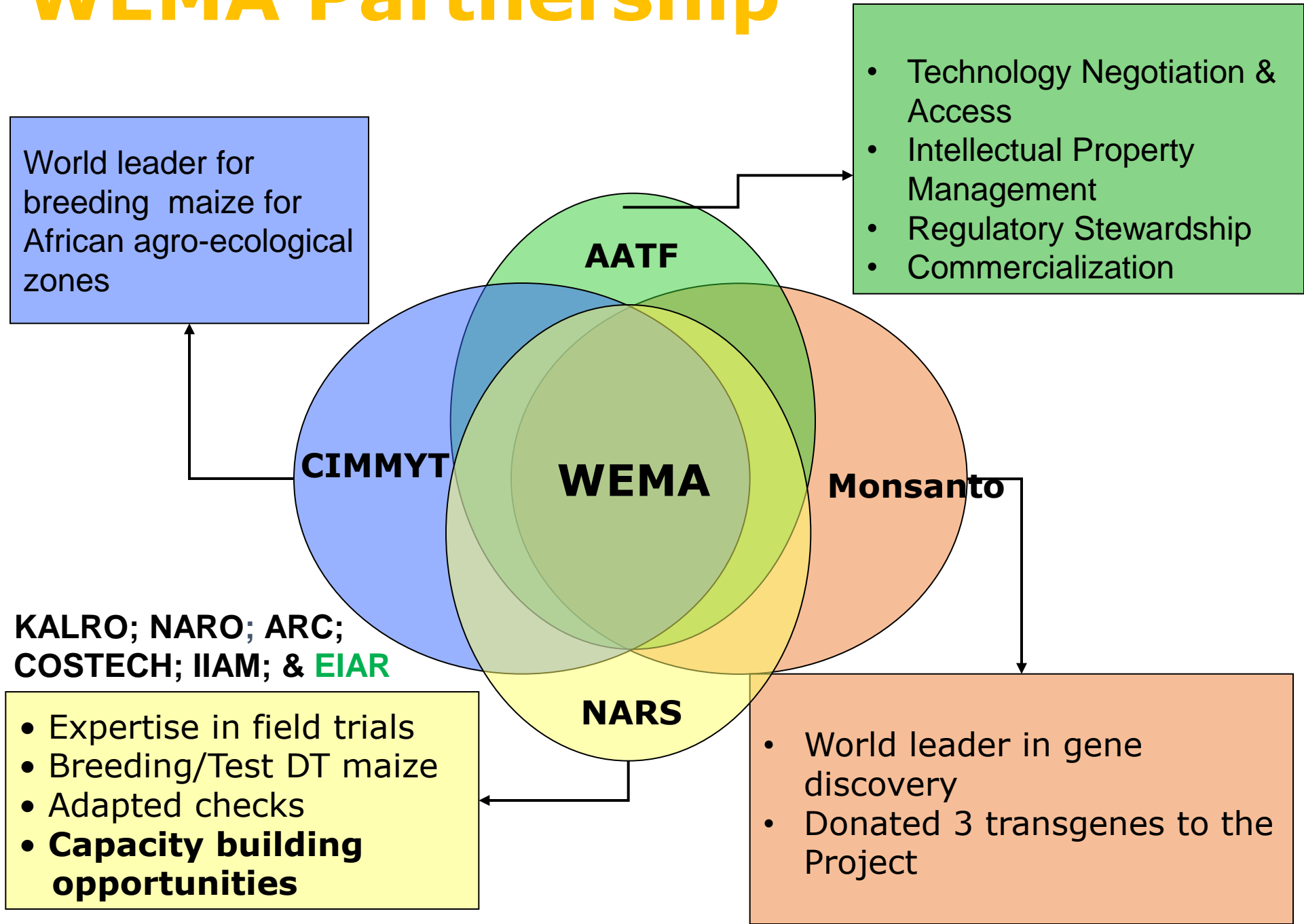
Water Efficient Maize for Africa (WEMA) Project

- The WEMA Project represents an innovative approach based on **forging collaborations** between the public and private sectors in order to identify, develop and deliver proprietary technologies (**new plant varieties**) that would otherwise be unavailable to address the constraints of **drought** and **insect pests** facing farmers in SSA.
- The Project has an improved grain yield of 4-5t/ha (45-55 bags of 90kg size on average) under optimal conditions.

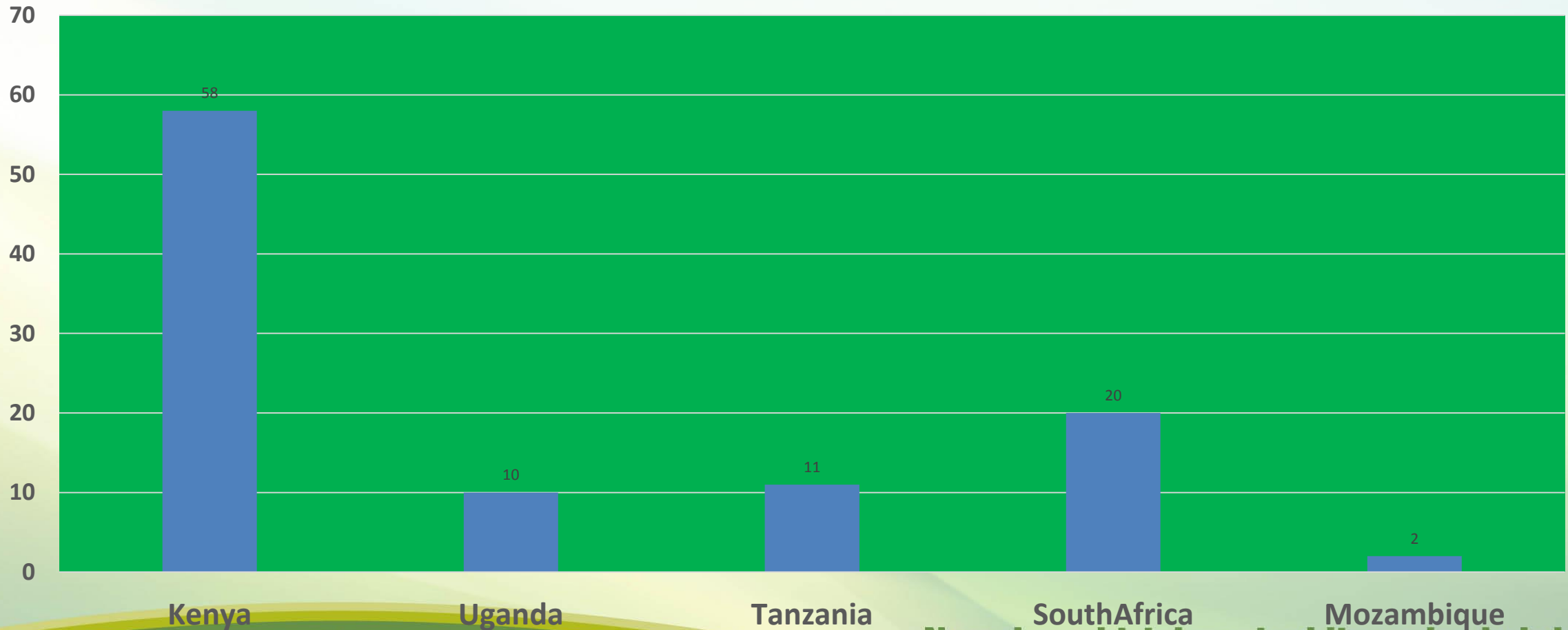
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WEMA Partnership

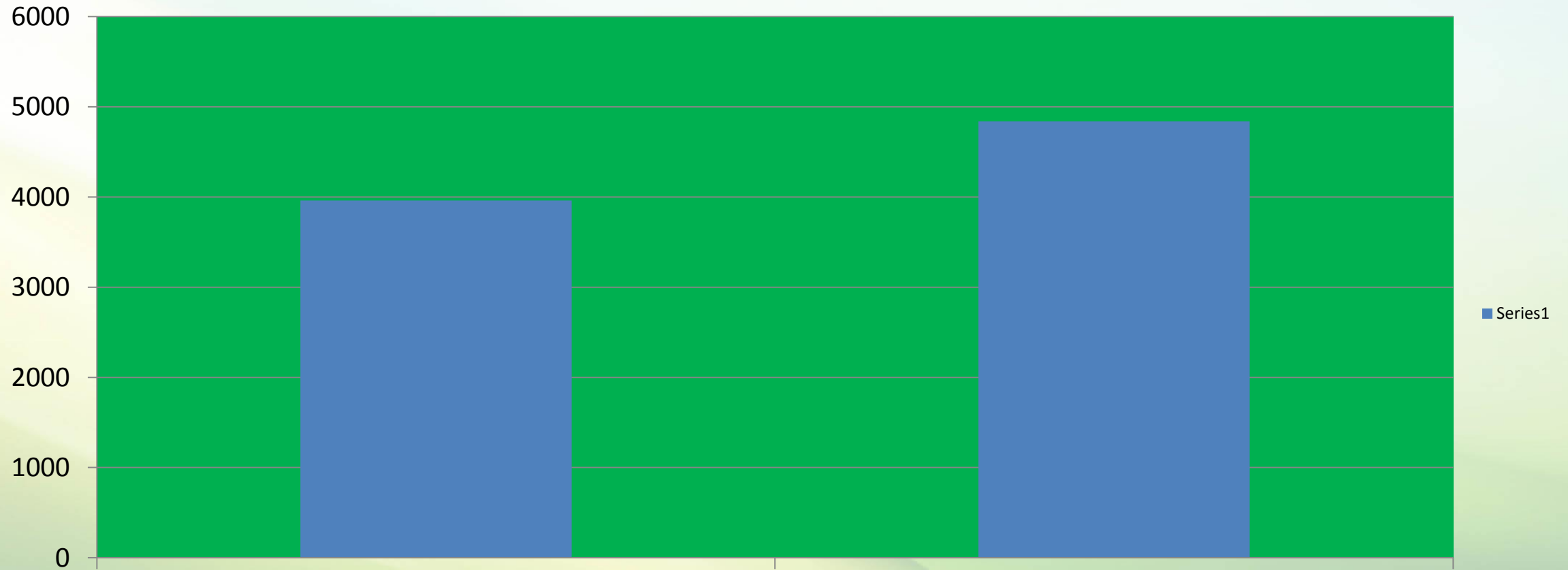


WEMA RELEASED VARIETIES



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2017 TRAININGS



Men

Women

New drought-tolerant white maize hybrids

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HAPPY FARMERS



Farmer R. Mwende
Eastern Kenya



Farmer R. Njoki
Central Kenya

Drought-tolerant white maize hybrids
protection for a better harvest

Cassava Mechanization and Agro-processing Project (CAMAP)

- Increase farmers access and use of cassava mechanization and **new plant varieties** in order to **increase productivity** and efficiency of operations, reduce drudgery and postharvest losses, and promote value addition thereby contributing to food security and wealth creation of cassava farmers in SSA.
- Cassava productivity under the Project has doubled the current yields from 10 tonnes to at least 20 tonnes per hectare.



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Conclusion

- The WEMA and CAMAP Projects have shown that the promotion of new plant varieties enhances agricultural productivity and food security in SSA including for female farmers and agribusiness women.

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