

Nutritionally improved & climate adapted seeds  
Niger



Global Food Security Cluster  
Agriculture Working Group  
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# GOAL

## Nutritionally improved and climate adapted seeds

Naturally biofortified with Iron and Zinc to increase the nutritional value of what people already eat.

Short maturing to reduce climate related risks.

Higher yields for better return for farmers on their production investment.

**Millet**

**Groundnuts**

**Cowpeas**



# GOAL

Good demand for new varieties of nutritionally improved and climate adapted Millet, Groundnut & Cowpea seed



In 2021, **22.5 tons** of improved seed sold to farmers with a 50% (off) sale price, by the seed wholesaler and their network of retailers a **ten-fold increase** compared with the previous year.

In 2022, **15 tons** of improved seed sold to farmers with a 40% sale price.

In 2023 improved seed will be made available with a 30% sale price.

By 2026 farmer will be buying improved seed at the full retail price.



# GOAL

**Substantial increase in production when compared to local varieties**

Millet - 183%  
Groundnuts - 187%  
Cowpeas - 243%

**Good evidence that crops are being used for household food consumption**

87% of respondents said that between 50-100% of their crops would be retained for household food consumption.



# GOAL

## Reducing food waste

### High demand for low-cost storage technology

In 2021, **27,000** PICS bags were sold by a wholesaler and their network of retailers.

25% (off) sale price for women only.

15,000 bags were bought by women at the sale price,  
12,000 bags were bought by men at the regular price

A total of 46,500 PICS bags sold, demonstrating how **sustainability and scale** can be reached using MSD approaches, to reduce food waste.



# GOAL

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## Win, Win, Win, Win

Nutritionally improved seeds can increase the **nutritional value** of what people already eat

Short maturing crops mitigate **climate related risks**

Improved seed increases **food production**

Improved storage reduces **food waste**

**All contribute to increased food & nutrition security.**



# GOAL

Thankyou

GOAL RESPONDS TO ACUTE AND PROTRACTED CRISES WHERE OUR **EXPERTISE IN EMERGENCY RESPONSE, HEALTH, NUTRITION, FOOD SECURITY AND LIVELIHOODS** SUPPORTS VULNERABLE COMMUNITIES FACING CRISES, POVERTY AND EXCLUSION.

