

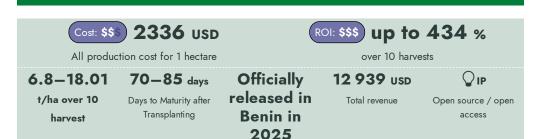
- Women and youth farmers face high risks from climate stress and crop failure.
- Lack of scalable, resilient varieties limits the impact of development programs.
- **Pesticide overuse harms health** and sustainability efforts.
- Few technologies close gender gaps in access and productivity.
- Climate-smart, field-tested varieties remain scarce.

Solution

- Disease resistance cuts pesticide use, supporting health and sustainability.
- **High yield and resilience** boost impact in nutrition and income programs.
- Low input needs make it suitable for women and youth farmers.
- Freely available and proven, ideal for donorsupported programs.
- Fits climate-smart farming, with visible results in the first season.

Key points to design your program

These improved cayenne pepper varieties tackle declining yields, disease outbreaks, and pest infestations, achieving up to 18.01 tons per hectare per year. They support SDG 2 (food security), SDG 5 (women's empowerment), and SDG 13 (reduced chemical inputs). Best results come from integrated pest management, balanced fertilization, efficient irrigation, and proper post-harvest handling (including Zero Energy Cooling Chambers). Ideal for programs boosting farmer incomes and resilience, partnering with the World Vegetable Center or local institutes ensures successful adoption.



Enquiries <u>e-catalogs@taat.africa</u>

Tested/adopted in

Tested & adopt Adopted

Where it can be used

agro-ecological zones

Target groups

This technology can be used in the colored

Breeders, Farmers, Seed companies, Sellers

Tested
Testing ongoing

Long Peppers Varieties Resistant to Diseases https://taat.africa/nfw Last undated on 14 luly 2025, printed on 14 luly 2025

Enquiries <u>e-c</u>