

# 4 YEARS OF 4R SOLUTION IN AFRICA



**WEEKLY SPOTLIGHT:**  
Empowering Youth in Ghana

## 4R Solution Teamed Up With 4-H Clubs In Ghana For Science-Based Learning And Higher Crop Yields

An 8-month Champion Program was implemented by 4-H Ghana with a grant under the 4R Solution Nutrient Stewardship Project.

Male and female 4-H youth organized in 50 clubs; their parents and Club Advisors learned about using the Right Source of soil nutrients, applied at the Right Rate, in the Right Place, and at the Right Time.

Beneficiaries who participated directly in the Program across the three regions included: 2,084 Club Members (1,023 women and 1,061 men), 70 Club Advisors (15 women and 55 men), 1,415 farmers (500 women and 915 men), 3 staff from the Ministry of Food and Agriculture (1 woman and 2 men), 11 representatives from Ghana Education Service (5 women and 6 men), 6 staff from 4-H Ghana (2 women and 4 men).

### OUTCOMES

- ❖ 3,600 youth, farmers, advisors, and government officials learned about 4R principles.
- ❖ 50 micro projects were established in fields and gardens.
- ❖ There were higher farmer yields
- ❖ Targeted crops: Tomato, carrot, sweet pepper, okra, cucumber, lettuce, cabbage, onion, sweet potato, cowpea, maize, rice and millet.

The program provided clear benefits, which produced a better understanding of the concept of 4R, improved group dynamics among the clubs, facilitated growth in the beneficiary network, and enhanced parental engagement.

**Learn More - Outcome report :** [4H Ghana - 4R Champion Case Study](#)