

## Africa RISING in the Ethiopian Highlands

# Intensifying with high value trees in Africa RISING Ethiopia for food and nutrition security, income and climate resilient farming

Aster Gebrekirstos and Hadia Seid (ICRAF)

### Goal

The goal is to facilitate the scaling up and scaling out of high value trees and their management practices that have been validated by Africa RISING Phase I, at homestead, farm and landscapes to improve household income, food, nutritional security, and contribute in creating resilient ecosystem and society.

### Technologies to scale

**Improved avocado varieties:** avocados are one of the world's healthiest and nutritious foods and there is high local demand.



Fig. 1 Hass avocado in Ganna (left) and Ettinger in Jewe (right)

### Technologies –high value tree varieties

High value trees	Regions			
	Amhara	SNNPR	Oromia	Tigray
<b>Apple varieties</b>				
Princesa	X		X	X
Apple Anna	X		X	X
<b>Avocado varieties</b>				
Hass A Type	X	X	X	X
Fuerte B Type	X	X	X	X
Nabal B Type	X	X	X	X
Ettinger B Type	X	X	X	X
Red 30	X	X	X	X

### Targeted and potential beneficiary households for high value trees innovations.

Region / zone	Number of woredas/ kebeles	Potential beneficiaries	Direct beneficiaries
Amhara/ North Shewa	22/ 300	233,136	22,430
Tigray/ South Tigray	5/ 56	85,896	21, 728
Oromia/ Bale	15/ 164	106,018	50, 203
SNNPR/ Hadiya	9/ 273	140,795	42,652
<b>Total</b>		<b>565,845</b>	<b>137,013</b>

### Core partners



We thank farmers and local partners in Africa RISING sites for their support



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Fig. 2 Hass fruiting in less than two years

**Apple tree varieties:** apple is a temperate fruit tree with huge potential in the high lands of Ethiopia.



Fig. 3 Apple fruit setting in less than two years in sinnana

### On going work

- Address the **huge knowledge gap on HVT** both at lower and national level through training
- Continue the **on-going research monitoring growth parameters, address fruit shading problem** to have a complete understanding (from establishment, flowering fruiting quality and marketing), to provide evidence for scaling



Fig. 4 Ettinger fruit shading in Jewe, while Nabal did not start fruiting yet

