

## 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

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#### 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

	Regions				
High value trees	Amhara	SNNPR	Oromia	Tigray	
Apple varieties					
Princesa	X		X	X	
Apple Anna	X		X	X	
<b>Avocado varieties</b>					
Hass A Type	Χ	X	X	X	
<b>Fuerte B Type</b>	Χ	X	X	X	
Nabal B Type	Χ	X	X	X	
<b>Ettinger B Type</b>	Χ	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
Total		565,845	137,013

### **Core partners**





















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

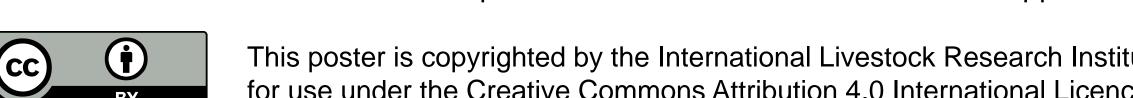




Fig. 2 Hass fruiting in less than two years

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





Fig. 3 Apple fruiti 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



