



Department of  
Primary Industries



Australian Government  
Australian Centre for  
International Agricultural Research



## ASLP-II Citrus Project

HORT/2010/002

**The Enhancement of Citrus Value Chains Production in Pakistan and Australia  
through Improved Orchard Management Practices**

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**University of Agriculture Faisalabad**







**Best Practice & Quality Payment System  
(Punjab)**

**Year: 2013-15**



# Initiative

- Field Day (February, 2013)
- Participants Citrus Growers from Citrus growing regions: 95



# INTRODUCTION

## Aims

Increase farm gate returns to grower.

- Produce more A grade quality fruit by improving crop management
- Paid on volume of quality fruit

## Locations

1. Village # 83SB Sargodha (**Mr. Ilyas warriach**)
2. Village # 4 SB Bhalwal Sargodha (**Mr. Hamad Ahmed Tarar**)
3. Village # 91 SB Sargodha (**Mr. Muhammad Zubair & Adeel**)
4. Pest Scouting Consultant (**Mr. Abdul Ghafoor**)





# Crop management improvements



Canopy Management



Proper/ Regular Fertilization



Frequent Irrigation



Insect & disease IPM  
Targeted sprays



Fruit Thinning



Best Harvesting Techniques

# Canopy Management & Regular Fertilization

- The canopy management plays a vital role in improving the quality of the produce.
- The adoption of pruning at a proper time work wonders with the overall health of the plant, which in turn maximizes the fruit quality.
- Regular fertilization is also required according to the Phenological stages





# Frequent Irrigation

- The most common method of irrigation in Pakistan is flood irrigation.
- Furrow irrigation can reduce the humidity under trees and reduce disease incidence.
- Frequent irrigation is required by the citrus orchard.
- HPIS has many limitation.



# IPM/ PEST SCOUTING

- Involvement of pest scouting consultant to check the insect/ pest population and remedies.
- Less insect pest infestation was observed in last couple of years.
- There is still opportunity to improve wind blemish/ diseases.





Activity Glimpses Prior to Harvest





Activity Glimpses at Harvest





# Packing Houses

## Packing Sheds: 2

- Farhad Enterprises  
&
- Arshad & Co





# QUALITY/ PAYBACK

Site I				
	Conventional		Best Practice Site	
Year	% A Grade	PKR (\$) /ac	% A Grade	PKR (\$) /ac
2014	37%	63,200 PKR	54%	91,125 PKR
2015	60%	72,000 PKR	72%	138,000 PKR

Site II				
2014	29%	49,400 PKR	42%	71,355 PKR
2015	37%	72,300 PKR	67%	127,500 PKR

Site III				
2015	19%	34,200 PKR	73%	131,250 PKR



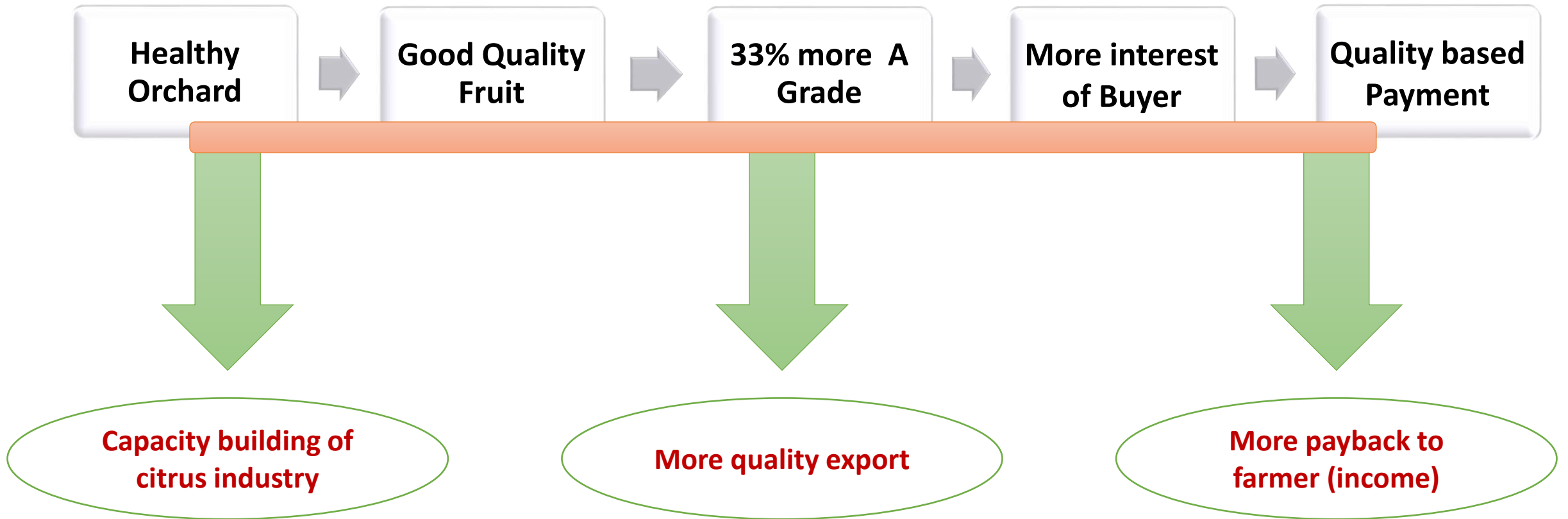
# Commercial outcomes

- Packers and contractors offered 20-25% more for best practice sites
- Quality payment price (paid on A,B,C grade) was 56% more





# OUTCOMES





# Farmer Field Days on Best Orchard Management Practices and Quality payment System

- ❑ **Conducted/ participants:** 91SB Sargodha (Participants: 48) 20-01-2015  
83 SB Sargodha (Participants: 32) 24-01-2015  
4 SB Bhalwal (Participants: 40) 26-01-2015

