

**AGRICULTURE SECTOR  
INVESTMENT POTENTIALS IN  
GILGIT-BALTISTAN**

Department of Agriculture  
Gilgit-Baltistan

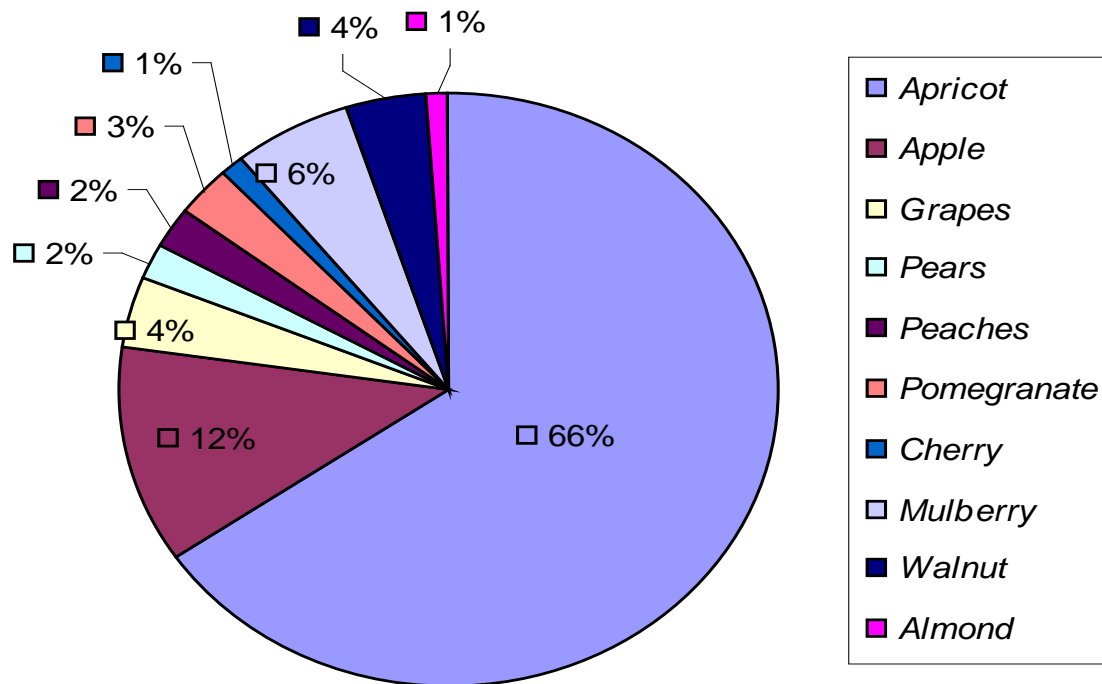
# Major Agro-ecological Zones of Gilgit-Baltistan

Zones	Characteristics
<b>Double Cropping Zone</b>	Elevation $\geq 1900$ m: Double cropping zone with typically wheat as a winter crop and maize in summer
<b>Marginal Double Cropping Zone</b>	Elevation 1900 - 2300m Marginal double cropping zone which can be converted into double cropping zone with use of short season crops and early maturing varieties. ( Potato, Wheat, Barley, Buckwheat & vegetables are main crops)
<b>Single Cropping Zone</b>	Elevations 2300m - 3000m Single cropping zone ( Potato, Wheat, Barley, Peas, and faba bean and vegetables). <i>Above 3000 m are the alpine pastures with no cultivation.</i>

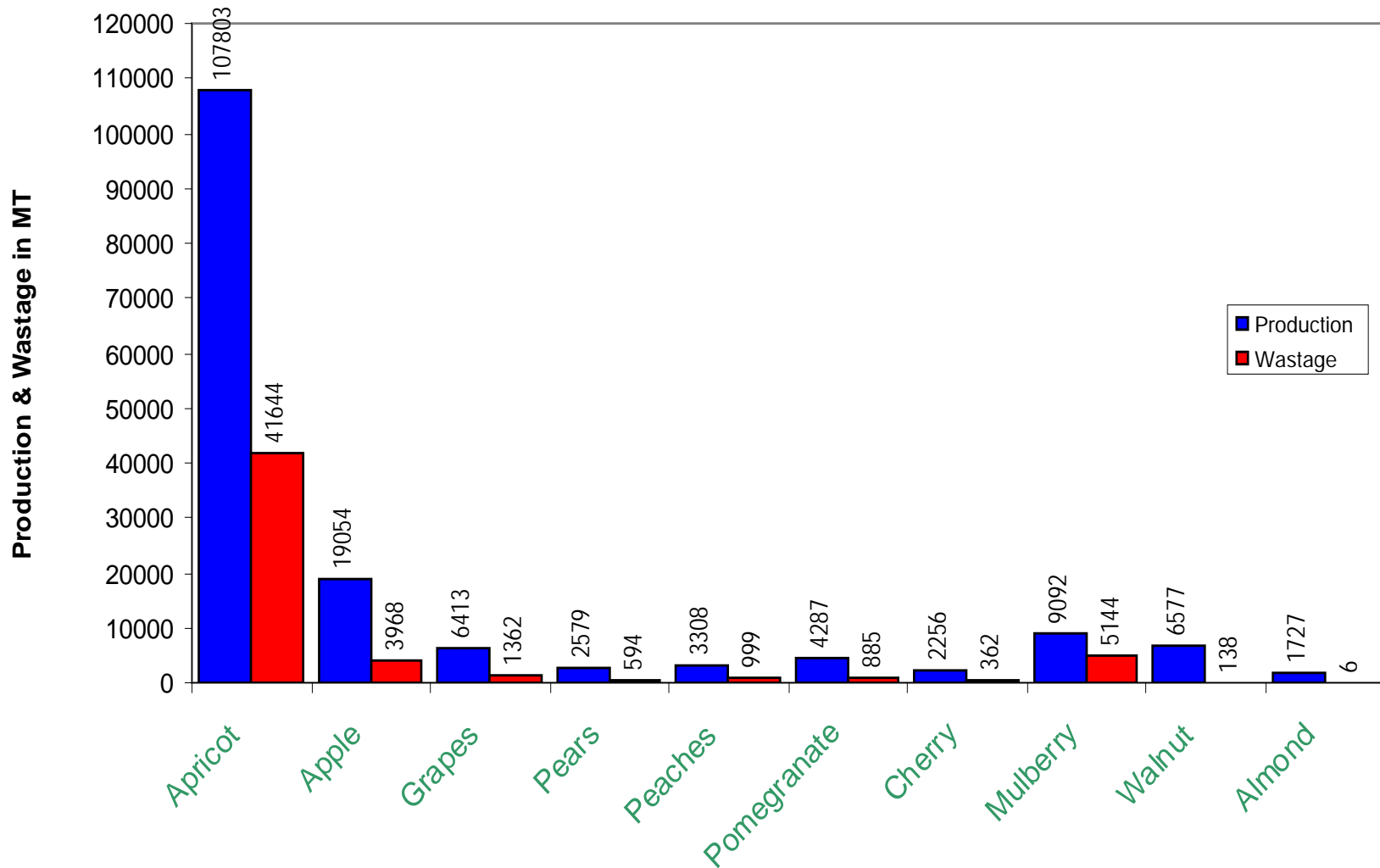
# SWOT Analysis

<b><i>Strengths</i></b>	<b><i>Weaknesses</i></b>
<ul style="list-style-type: none"><li>➤ Mountain farming</li><li>➤ Cool &amp; Dry climate</li><li>➤ Abundant water resources</li><li>➤ Marketable surpluses in fruits, nuts &amp; potato</li><li>➤ Responsive &amp; organized communities</li></ul>	<ul style="list-style-type: none"><li>➤ Rugged Topography</li><li>➤ Weak private sector involvement</li><li>➤ Lack of technology</li><li>➤ Scattered production</li><li>➤ Small and fragmented farms</li></ul>
<b><i>Opportunities</i></b>	<b><i>Threats</i></b>
<ul style="list-style-type: none"><li>➤ Climate ideally suited for the production of horticultural crops</li><li>➤ Potential for vertical and horizontal expansion in agriculture sector</li><li>➤ Potential for investment in fruit &amp; vegetable sector value chain</li></ul>	<ul style="list-style-type: none"><li>➤ Urbanization</li><li>➤ Rapid population growth</li><li>➤ Impact of globalization</li><li>➤ Extinction of indigenous germplasm</li></ul>

# Fruit Production in Gilgit-Baltistan



# Production & Wastage of Fruits in Gilgit-Baltistan



# Potato Crop Scenario at National Level

## Main Crops

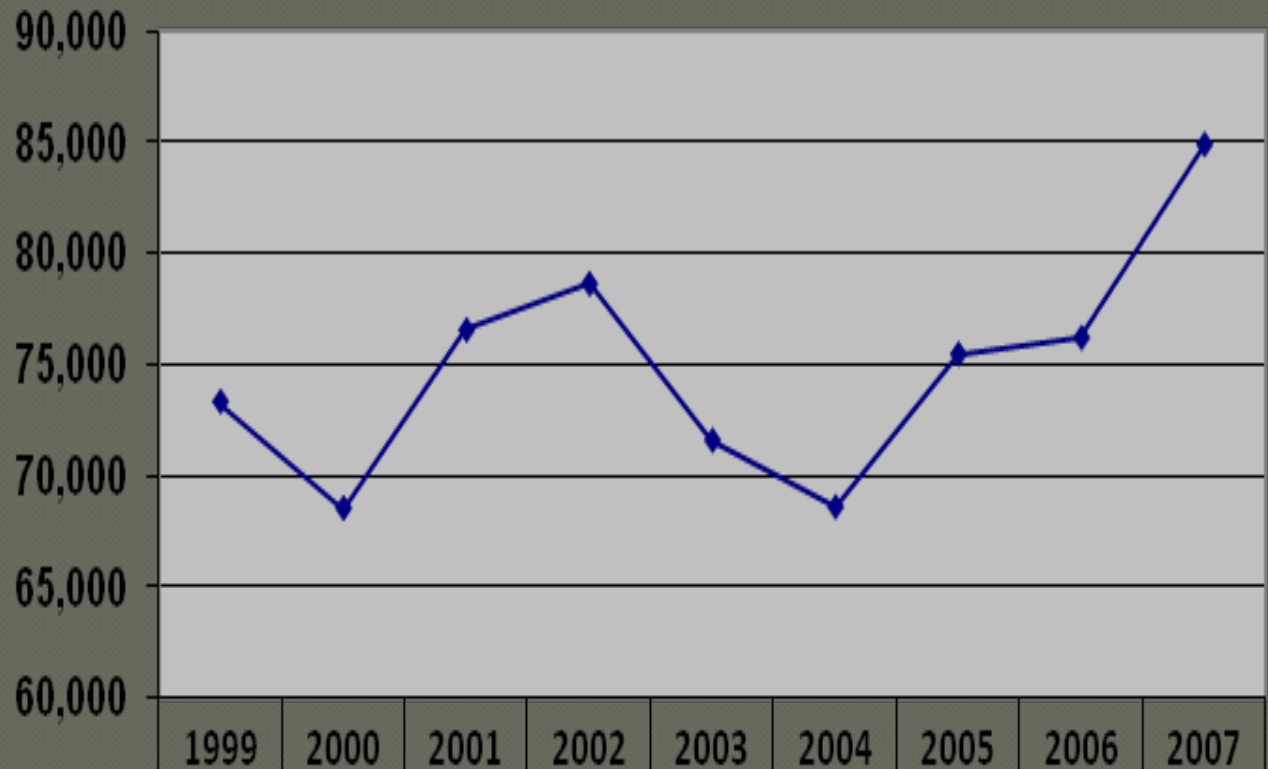
Winter & Spring ( Plains of the Country) and Summer ( high mountain valleys as buffer crop between main crops)

Total Area (2007-08)	154,000 ha.
Total Production	25,39,000 MT
Average Yield	16.5 Tonnes/Ha
Total Seed required	300,000 MT
Total annual Imports	6,000-7,000 MT
Average Seed Production , GB	700-800 MT
Av. Price of imported seed Rs. /MT (Certified)	80,000-100,000
Av. Price of Seed from G-B Rs. /MT (certified)	30,000-40,000

### Note:

Only 01 % of the total seed requirement is met from formal seed and the rest is met from informal seed source which is main cause of low crop yield

## Annual Export of Potato from GB to Down Country

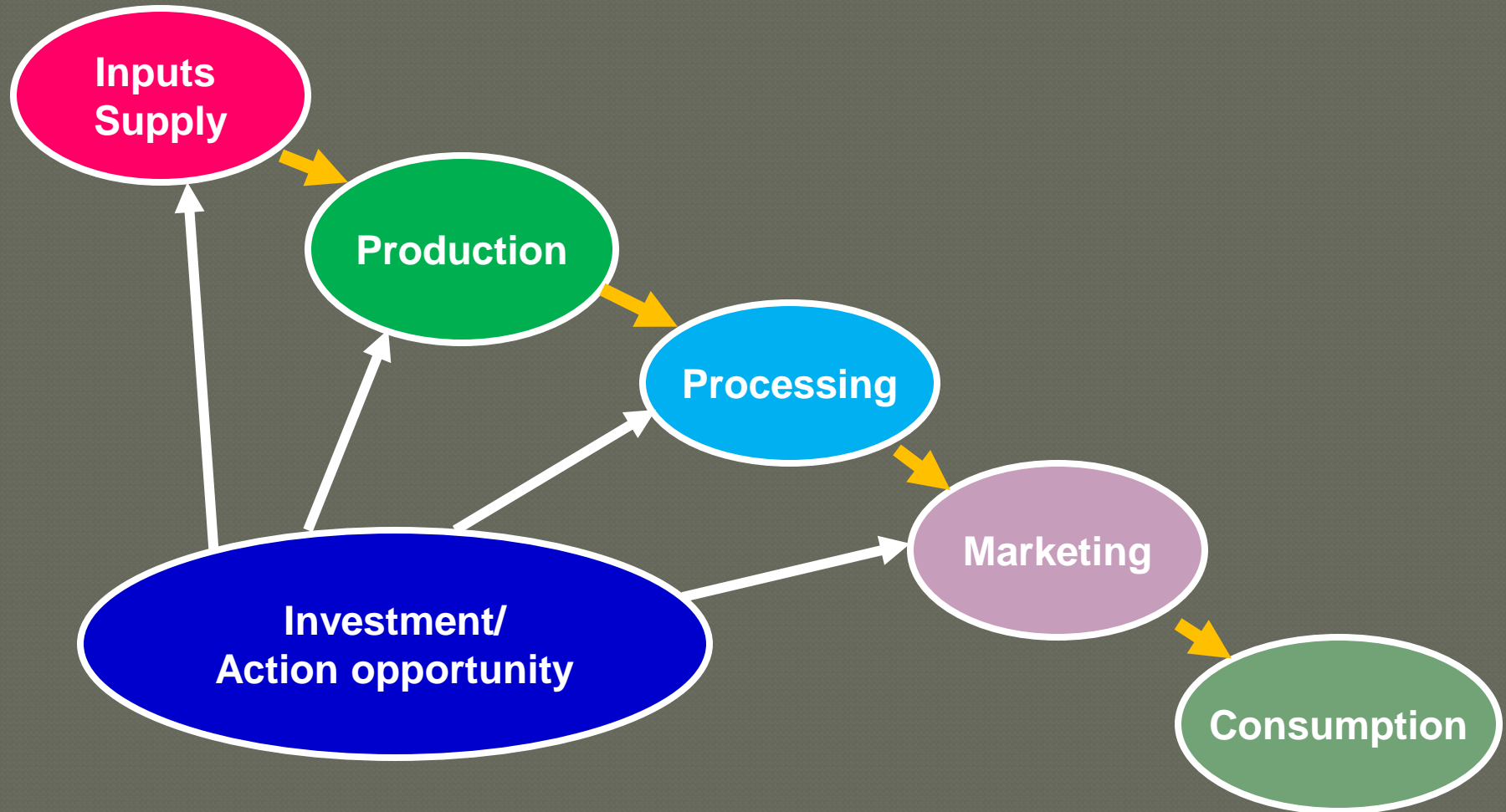


◆ Quantity Exported (Tones) 73314 68510 76541 78621 71562 68562 75452 76191 84904

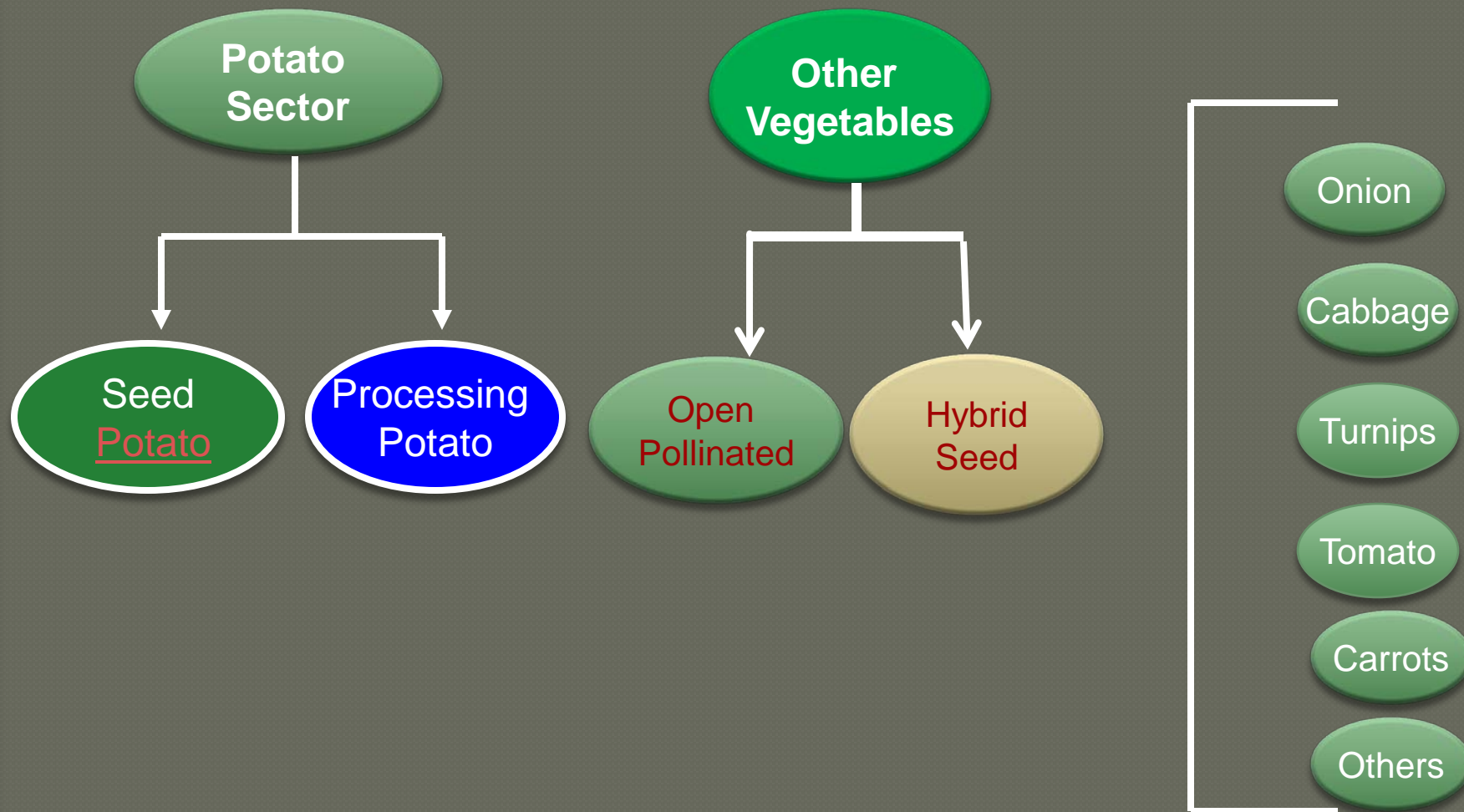
**GILGIT-BALTISTAN  
INVESTMENT OPPORTUNITIES  
IN HORTICULTURE SECTOR  
VALUE CHAIN**



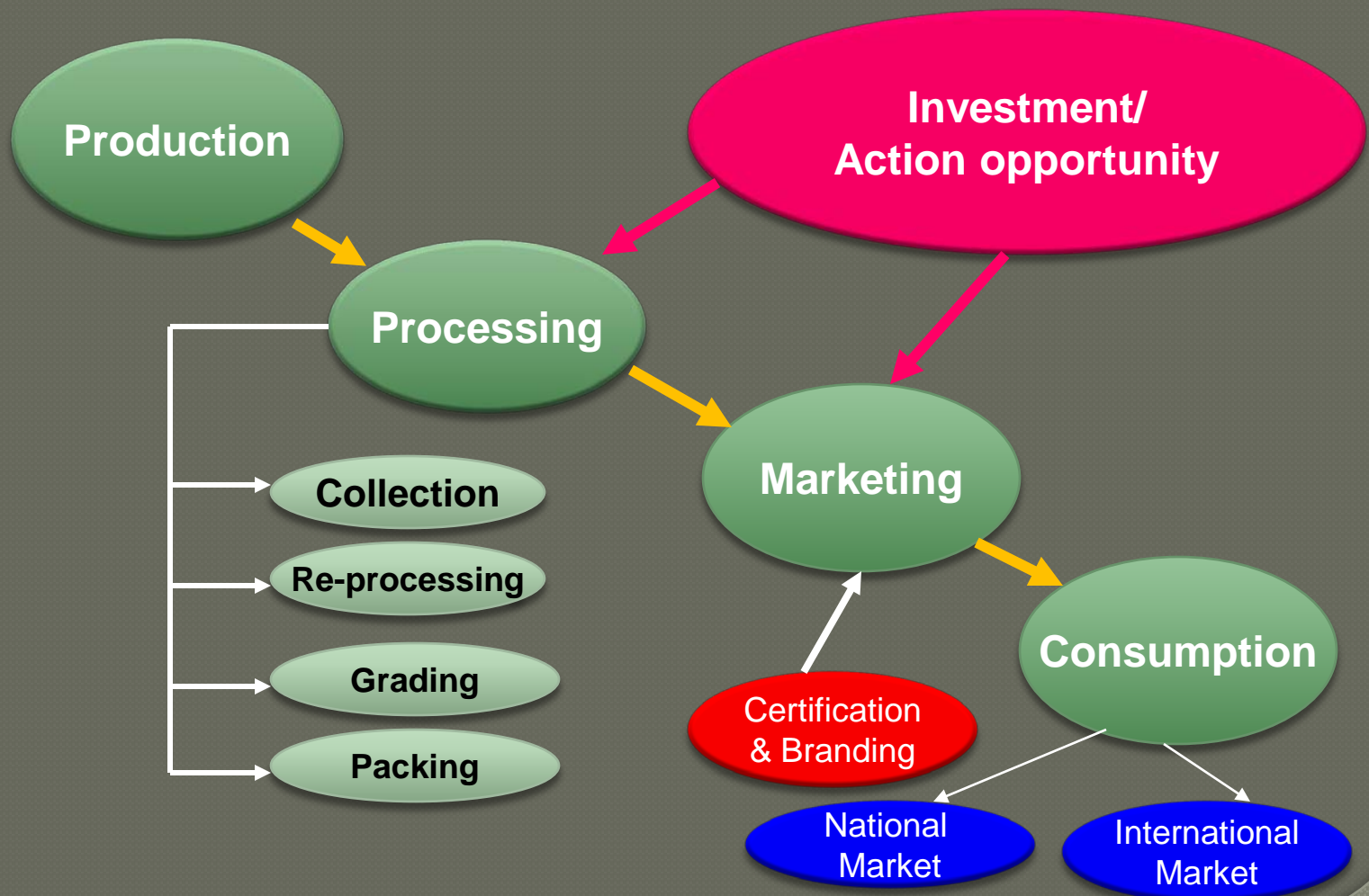
# Value Chain in Vegetables Seed Sector



# Investment Opportunities in Vegetable Seed Sector



# Fruit Sector Value Chain





## *Enabling Environment*

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- Ideal climate for temperate fruits and vegetables (Fresh & seeds)
- Low insect, pest and disease population
- Isolated valleys
- Organic/Conservative agriculture is in practices
- Marketable varieties of apples, apricot, cherries and vegetables
- National & International certification facility is available in the country (FLO, Organic, Global GAP etc)
- Trained contract farmers

# Incentives for Private Sector

- **Well established social infrastructure**
- **New Governance and Economic Development package**
- **Tax free area**
- **Low electricity tariffs in GB**
- **KKH expansion and opening of Babusar-Naraan road**
- **Region located at the Gateway to China and Central Asian Countries**
- **Agri. business Dev. Project, G-B has provisions to carry out technical studies with the private sector**

# **G-B Horticulture Policy**

## **Incentives for Private Sector**

### **Research & Development Programme**

- **Introduce demand driven research linked to value chain.**
- **Capacity building of all stakeholders involved in the value chain**

### **Promotion of Public-Private Partnership and Better Access to Finance**

- **Provide incentives and reduce regulatory barriers to private sector for improvement throughout the value chain**
- **Provision of soft-loans for the development of modern horticultural business enterprises in private sector**
- **Establishment of PHDEC regional G-B office in Gilgit**
- **Training of entrepreneurs in marketing and market development**
- **Develop market infrastructure using public-private partnerships in Gilgit and Skardu**

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***THANK YOU***

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