



Working in partnership to address challenges in Pakistan

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Introductory Plenary Presentation



Working in Partnership to Address the Global Challenges

National Food Security & Research
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Overview of Agriculture



Contribution
to GDP
18.5%

Labour force
Employed
38.5%

Provides
Livelihood
to rural
Population
66.7%

Average
growth rate
in last 5 years
1.85%

Share of
Agriculture
in total exports
53%

Challenges in Agriculture



- High cost of production & low profitability
- High import bill
- Water scarcity & low water productivity
- High post harvest losses
- Low performing fisheries & livestock sector
- Value chain & markets

Prime Minister's Agriculture Emergency Programme



- There are 13 projects worth Rs. 287.202 Billion (GBP – 1.53 billion) in the next 4 – 5 years
- Will be launched by the Federal Government in collaboration with Provincial Governments
- Inauguration of the projects has been initiated
- Project span is 4 – 5 years

Prime Minister's Agriculture Emergency Programme



- Dramatically increase yields of major crop & boost adoption of oilseeds ➡
- Harness untapped potential of fisheries ➡
- Conserve and increase productivity of water ➡
- Initiatives for small and medium livestock farmers ➡

Output of the Projects



- Enhanced production with overall increased profitability
- Uplift of the livestock & fisheries sectors
- Enhanced exports
- Reduction of import bill
- Better R & D facilities

Possible Areas of Collaboration



- Livestock sector (Milk, Poultry, FMD)
- Cotton
- Horticulture sector
- Value chain development
- Reduction in post harvest losses

Dramatically Increase Yields of Major Crop & Boost Adoption of Oilseeds



1. Wheat (PKR 19.3 Bn) (Fed Share 2.47Bn)	<ul style="list-style-type: none"> – Increase yield by 7 maunds/ acre – Free up 2 to 4 million acres of land for canola and sunflower
2. Rice (PKR 11.4 Bn) (Fed Share 1.4 Bn)	<ul style="list-style-type: none"> – Increase yield of Basmati by 10 maunds/ acre to add USD 1.2 billion exports
3. Sugarcane (PKR 3.9 Bn) (Fed Share 0.7 Bn)	<ul style="list-style-type: none"> – Increase aggregate yield by ~2.2 million tons to add another ~USD 1 billion of exports
4. Oilseeds (PKR 10.2 Bn) (Fed Share 4.2 Bn)	<ul style="list-style-type: none"> – Boost sunflower and canola cultivation on 2 to 4 million acres – Growing sesame on 500,000 acres – Can save Pakistan ~USD 1 billion in imports

In summary, better management can add ~USD 3.2 billion to our GDP by spending ~PKR 10 billion in 5 years



Harness Untapped Potential of Fisheries



5. Shrimp farming – PKR 4.8 Bn (Fed Share 1.5 Bn)

- Increase shrimp farming production to 30,000 tons /year in 10,000 acres
- **Increase export worth USD 1 billion in 5 years**

6. Cage culture – PKR 6.8 Bn (Fed Share 0.7 Bn)

- Setup 10,000 cages spread over 300 acres and produce 50,000 tons of fish
- **Worth USD 100 million of export**

7. Trout farming – PKR 2.3 Bn (Fed Share 1.5 Bn)

- Enhance production from 706 tons to 2,400 tons in GB, AJK and KPK
- Generate revenues worth PKR 1,400 million in 5 years

Conserve & Increase Productivity of Water



Projects	Govt. cost	Impact
8. Conserving water through lining watercourses & laser land leveling	140	<ul style="list-style-type: none"> Save and make available ~9 MAF of water for farm worth USD 3.5 billion
9. Enhancing command area of small and mini dams in Barani areas	18	<ul style="list-style-type: none"> 26,945 Kw Solarisation 170,380 acres command area developed
10. Water Conservation in Barani areas of Khyber Pakhtunkhwa	8.4	<ul style="list-style-type: none"> 11,000+ small interventions through local govt. 237,500 AF water saved and 61,380 acres irrigated
Total cost – 5 yrs [PKR billion]	166.4	

Initiatives for Small and Medium Livestock Farmers



Duration	48 months
11. Save the calf	400,000
12. Calf fattening	300,000
13. Backyard Poultry	5,000,000

- Increase meat availability worth of Rs 9 billion
- Distribute 5 million pre-vaccinated chicks to poor farmers & women in 4 years
- Nutrition support
- Poverty alleviation through supplemental income





Thanks