



## RESTORING FLOOD-AFFECTED LIVELIHOODS



The 2010 monsoon floods affected the lives of over 18 million people and took an enormous toll on the rural poor. Around 80 percent of people in the affected areas depend on agriculture to provide for their families. A large majority lost their immediate and future sources of food and income, such as standing crops, seed stocks, livestock, fishery assets, farming equipment and tools. Thanks to the generosity of the above donors, FAO has been working to restore the food production of around 900 000 families.

**Many more are still in need.**

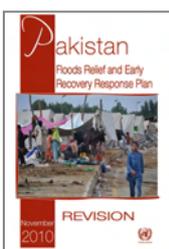


## AGRICULTURAL SITUATION

- **If productive assets are not replaced rapidly, affected families will experience a domino effect of further losses** – such as failed harvests and further animal deaths – which would push them deeper into poverty, debt and food insecurity.
- **The immediate challenge was to help affected farmers to plant wheat** – the major staple crop – in time for winter (Rabi) planting. Agriculture partners responded by providing wheat, vegetable and cash-crop seeds and fertilizers.
- **An additional challenge was to keep affected livestock alive.** Now is the peak of animal feed scarcity, with weak, surviving livestock at increased risk during winter. Support is being provided, particularly through animal feed distribution.
- **It is vital to ensure that crop production is resumed by as many farmers as possible during spring (Kharif) planting,** including the provision of maize, rice, summer vegetable and fodder crop seeds, and livelihood support through cash assistance (e.g. vouchers to purchase inputs, cash-for-work schemes).
- **Repair of irrigation infrastructure** is ongoing through cash-for-work schemes and vital to ensure the survival of crops planted during Rabi (e.g. wheat) and indispensable for Kharif crops, particularly rice.
- **Sindh remains the least assisted province:** over 700 000 farming families require assistance.
- **Activities aimed at restoring fisheries and forestry production remain unfunded.**

## Flood damage/losses:

- **Standing crops:** maize, rice, vegetables, sugarcane, fodder, cotton (2.4 million ha damaged).
- **Means of crop production:** fertilizer, machinery/tools, draught power, storage, irrigation, seed stocks (0.5-0.6 million MT of household wheat seed lost).
- **Livestock:** buffaloes, cows, goats, sheep, poultry (>22 million surviving livestock affected).
- **Means to sustain livestock:** stored fodder, animal shelter, veterinary supplies and services.
- **Fisheries and aquaculture assets:** fishing gear, hatcheries, and fish farms.
- **Forests and nurseries (forest/fruit):** source of seedlings for future planting; timber; fuel; protection from floods, landslides, soil erosion.



## REVISED PAKISTAN FLOODS RELIEF AND EARLY RECOVERY RESPONSE PLAN

The humanitarian community is working to support Government efforts to address the most critical needs of flood-affected families. The Pakistan Initial Floods Emergency Response plan was launched in August to mobilize immediate support. With increased access allowing assessments of the affected areas, the Response Plan was revised in November to reflect a more comprehensive, updated account of needs and required funding for relief and early recovery interventions over a 12-month period (8/2010 – 7/2011), amounting to over **USD 1.9 billion**.

**The agriculture component of the Response Plan aims to:** enable flood-affected vulnerable farming families (small landholders, landless families, sharecroppers and women-headed households) to revive/resume productive agricultural activities, contribute to livelihood recovery and ensure food security and self-reliance.

## AGRICULTURE FUNDING

**Agriculture funding requirements:** USD 170.6 million

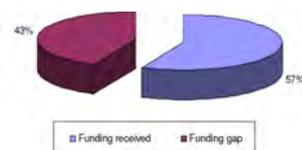
- Received/committed: USD 97.40 million - Gap: USD 73.20 million

**FAO funding requirements:** USD 107 million

(3 profiles: crops/livestock, fisheries/forestry, coordination)

- Received/committed: USD 91.97 million - Gap: USD 15.03 million

Agriculture Cluster Funding Status



### FAO IN ACTION: ASSISTING OVER 7 MILLION MEN, WOMEN AND CHILDREN

**Donors: Australia, Belgium, Canada, CERF, ECHO, IFAD, Italy, Sweden, the United Kingdom and the United States of America.**

FAO is helping to restore the food production and livelihoods of over 900 000 families thanks to the support of donors. Special focus is being dedicated to vulnerable groups and female-headed households, which are receiving tailored inputs and training through implementing partners specialized in delivering support to women in Pakistan.



#### ACTIVITIES

• **FAO's assistance to flood-affected families in KPK, Punjab, Balochistan and Sindh includes approximately:**

- **632 868 households** (5 062 944 people): receiving wheat, oat, vegetable, rice, sunflower and canola seeds and fertilizers for the winter and spring planting seasons.
- **1 010 cash-for-work schemes** to repair and de-silt small-scale irrigation infrastructure.
- **289 617 households** (2 316 936 people): receiving animal feed, fodder seed and veterinary supplies to safeguard livestock survival.

Inputs purchased/delivered (as of 06/03/11)

Agricultural input	Quantity	Unit
Wheat seed	25 959	tonnes
Vegetable seeds	233	tonnes
Canola seed	45	tonnes
Oat seed	1 750	tonnes
Lentil seed	8	tonnes
Sunflower seed	61	tonnes
Sorghum seed	39	tonnes
Urea fertilizer	26 740	tonnes
DAP fertilizer	26 790	tonnes
Animal shelter supplies	49 760	sets
Animal feed	32 798	tonnes
De-wormer	3 676 040	tablets

#### IMPACT ON FAMILIES AT A GLANCE

- ✓ **Rabi crop input package** ⇒ Around 1.1 tonnes of wheat harvested per family in April/May – sufficient to feed a household of 8 persons for at least 6 months – plus a variety of vegetables for household consumption and sale on the local market.
- ✓ **Livestock support package** ⇒ Providing temporary shelter, de-wormer, and feed to meet the nutrition needs of 2 large animals per family for 1-2 months, until green fodder becomes available.
- ✓ **Irrigation repair** ⇒ Restoring water resources for crop production, through cash-for-work.

#### HIGHLIGHT: RABI WHEAT PLANTING SEASON

Rapid response by FAO and donors has enabled wheat planting on over 210 000 hectares of land, which is estimated to produce around 571 100 tonnes of wheat. The support has helped hundreds of thousands of households, such as the family of Mr and Ms Bukhsh (right) in Punjab. "Now I will be able to survive and support my family with dignity. It gives me hope that I will be able to start cultivating wheat again and make a living, which will enable my children to go back to school," says Mr Bukhsh.



## PARTNERSHIPS

- Following the end of the flood relief phase on 31 January declared by the Government, a coordination mechanism for the Early Recovery phase is being established. This includes a **Sectoral Working Group on Agriculture and Food Security**, co-chaired by FAO, WFP and the Ministry of Food and Agriculture.
- **FAO offices:** national office in Islamabad and provincial coordination offices in Peshawar (KPK), Multan (Punjab), Hyderabad (southern Sindh) and Sukkur (northern Sindh), with presence in Quetta (Balochistan).
- **The activities of agriculture partners** over the past months have focused on monitoring flood recession, delivering critical inputs, and completing rapid needs assessments.
- **Mapping:** Working with the Pakistan Space and Upper Atmosphere Research Commission to create information products, using satellite-based imagery/data.
- **FAO works closely with IFAD and WFP** to ensure a solid approach to food security and agricultural rehabilitation.

#### FAO PAKISTAN TEAM

**Response management team:** at country, regional, headquarter levels.

**Technical advisory group:** experts from FAO technical services, across all subsectors.

**High-level Interdepartmental Task Force:** led by FAO Deputy Director-General, made up of senior officers from technical divisions, to support formulation of strategic interventions in the sector over the next 3-5 years.

**Over 160 staff:** in 16 locations in five flood-affected provinces.

**Standby personnel (NRC):** logistics, reporting, information management, communications.

## CONTACTS

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