



Mr Musa points to a plot established using primed chickpea seeds. Seeds failed to establish properly in the non-primed plot to his left.

20% in the second year (Figure 4). Consequently, with yields over 1.5 tonnes per hectare, chickpea has become a much more attractive crop for Barind farmers to grow on their 140,000 hectares of fallow land.

Mungbean

Mungbean (*Vigna sativa*) is an important legume crop grown by resource-poor farmers in South and Southeast Asia. It is a valuable source of protein for poor people. In Pakistan it is mostly grown as a rainfed crop on poor soils in marginal areas. A series of *in vitro*, on-station and on-farm trials conducted in Pakistan's North-West Frontier Province showed that, over a wide range of conditions for

production, including irrigated crops, priming for 8 hours was very effective in improving yields (Figure 5 and front cover).



These mungbean pods were harvested from same-sized plots in which seeds were primed for 0, 4, 6 and 8 hours, respectively.