

	Summary
Wells and appurtenances including electrification (transmission lines, substations, etc.)	\$ 41.0
Drainage system (return flows and floods)	5.0
Salt export system (wells for pumping salt water plus conveyance channels)	6.6
Transporting pumped water or its equivalent (canal enlargement plus channels for pumping into canals)	9.1
New nitrogen fertilizer plants and facilities for distribution	12.0
Facilities for pest control and seed treatment	2.0
Facilities and "People in the <u>Pine</u> -line" for education, research, extension, management	5.0

Additional capital will be required after a few years for transportation facilities for the increased crops, processing mills, phosphate fertilizer production, etc.

In Former Sind, capital costs for water development and drainage would probably be 25 to 40 percent higher, making the total capital cost between \$100 and \$110 (Rs 435 to Rs 520) per acre. A grid of conveyance channels to carry off saline pumped waters must be constructed, and enlargement of canal capacity must be undertaken to bring in additional water.

Total capital costs for 16.4 million acres in the Former Punjab and Former Bahawalpur and for 9 to 10 million acres in Former Sind would be \$2.3 billion (Rs 11 billion). If this expenditure were spread over the next 25 to 30 years, the average annual investment would be \$80 to \$90 million (Rs 380 to Rs 430 million). During the Second Five-Year Plan (1960-1965), the average annual allocation to the agricultural and water and power sectors for West Pakistan was projected as Rs 735 million (\$155 million). Thus the required expenditures for our plan constitute a major fraction of the total allocations to these sectors. However, they do not appear excessive in terms of the entire Five-Year Plan.

For 25 million net cultivated acres, fertilizer containing 625,000 tons of nitrogen will be needed each year. With increasing efficiency of fertilizer production and distribution, the annual cost to the farmers should be around \$125 million (Rs 600 million) or ten cents (Rs 0.475) per