The 3 strands of the Green Revolution

Type of change	Biochemical	Mechanical	Social
Innovations	Hybrid seed selection, use of fertilisers, herbicides and pesticides	Diesel and electric pump powered irrigation, mechanisation, transport improvements	Land reforms, loans, changes in distributive system
Consequences	Increased yields, weeds and pests controlled, increased costs for farmer, possible environmental degradation	Water supply controlled, less labour needed, increase in arable area, increase in access to markets	Farm consolidation, better seeds and other inputs available to poor farmers.