

Land-Use and Land Cover Change in Sonora, Mexico: trajectories of agricultural intensification in the Yaqui Valley Northwestern Mexico

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- To evaluate the causes and on- and off-site consequences of 30 years of agricultural intensification - increased yields
- Regional effects of nitrogen application
- Responses - institutional changes in factor and product markets, changes in cropping patterns, changes in farmer practices
- Intensification with expansion
- Projection of impacts of planned reforms
 - Domestic agricultural policy reform (Procampo)
 - Regional trade agreement (NAFTA)
 - Elimination of federal subsidies on water
 - Constitutional change in land tenure laws

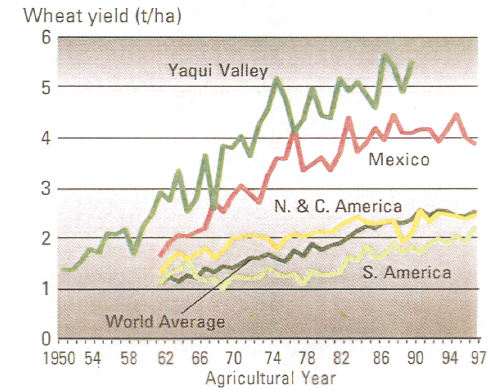


Figure 3. Comparison of world wheat yields to the Yaqui Valley.

Source: FAO Production Yearbook, CIMMYT.

