



联合国粮农组织-农业部 加强农业部门灾害管理能力建设项目

FAO-MOA TCP/CPR 3105 Strengthening Disaster Preparedness of Agricultural Sector in China



Disaster Risk Reduction-Promoting Stress Tolerant Wheat Varieties: "Jimai 21 and 22"



Field Demonstration (above)

New Wheat Varieties:
Jimai 21 and 22



Increasing tolerance to
drought and cold



Wheat-Cotton Double Cropping
and Ridge Planting

Technical Training (below)



Comparison between stress-tolerant wheat varieties tested under drought conditions (2009) with long-term average productivity of previously used variety (Lumai 14)

Varieties	Yield (kg/mu)	Gross income (RMB/mu)	Net income (RMB/mu)	Profit Comparison (%)
Jimai 21 (n=148)	536.7	1073.4	623.4	+ 9.4
Jimai 22 (n=157)	543.6	1087.2	637.2	+ 10.8
Control	490.5	981	572	-

n: number of households participating in the field trials

Locally adapted drought and disease tolerant wheat varieties contributed to enhanced hazard resilience and increased farmers' income.