



HOW TO FEED THE WORLD 2050

EXPERT MEETING

24-26 June 2009

FAO headquarters, Rome

Disclaimer

List of abbreviations

Agenda

Expert papers

Meeting report

List of participants

Proceedings of the Expert Meeting on How to Feed the World in 2050

Technical papers were commissioned from experts and are published as submitted by the authors.

The designations employed and the presentation of material in this information product do not imply the expression of any opinion whatsoever on the part of the Food and Agriculture Organization of the United Nations (FAO) concerning the legal or development status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. The mention of specific companies or products of manufacturers, whether or not these have been patented, does not imply that these have been endorsed or recommended by FAO in preference to others of a similar nature that are not mentioned. The views expressed in this information product are those of the author(s) and do not necessarily reflect the views of FAO.



24-26 June 2009

FAO headquarters, Rome

[Disclaimer](#)

[List of abbreviations](#)

[Agenda](#)

[Expert papers](#)

[Meeting report](#)

[List of participants](#)

Proceedings of the Expert Meeting on How to Feed the World in 2050

Abbreviations used in the [expert papers](#) on How to Feed the World in 2050

\$	US dollars
AoA	Agreement on Agriculture (World Trade Organization)
ACS	agricultural capital stock
ACP	African, Caribbean and Pacific Group of States
AKST	agricultural knowledge, science and technology
ASARECA	Association for Strengthening Agriculture in Eastern and Central Africa
AY	attainable yield
CAADP	Comprehensive Africa Agriculture Development Programme
CBOT	Chicago Board of Trade
CDD	community-driven development
CFF	compensatory financing facility
CGE	computable general equilibrium
CGIAR	Consultative Group on International Agricultural Research
DEA	data envelopment analysis
ENVISAGE	Environmental Impact and Sustainability Applied General Equilibrium Model
EU	European Union
FAO	Food and Agriculture Organization
FAOSTAT	FAO statistical database
FAPRI	Food and Agriculture Policy Research Institute
FBS	food balance sheets
FDI	foreign direct investment
FIFF	food import financing facility
FTE	full-time equivalent
FY	farm yield
GAEZ	global agro-ecological zone
GATT	General Agreement on Tariffs and Trade
GCM	general circulation model
GDP	gross domestic product
GHG	greenhouse gas
GIDD	Global Income Distribution Dynamics [model]
GIEWS	FAO Global Information and Early Warning System
GM	genetically modified
GMC	global middle class
GMO	genetically modified organism
GSE	gross subsidy equivalent
GTAP	Global Trade Analysis Project
IAM	integrated assessment model
ICOR	Incremental Capital Output Ratio
ICP	International Comparison Project
ICT	information and communication technologies
IFAD	International Fund for Agricultural Development
IFPRI	International Food Policy Research Institute
IMF	International Monetary Fund
IMPACT	International Model for Policy Analysis of Agricultural Commodities and Trade
IP	intellectual property
IPCC	Inter-governmental Panel on Climate Change
IRRI	International Rice Research Institute
IT	information technology
LAC	Latin America and the Caribbean
LDCs	least developed countries
LIFDCs	low income food deficit countries
MARS	marker-assisted recurrent selection
MAS	marker-assisted selection
MDERs	minimum dietary energy requirements
MDG	Millennium Development Goals
MIC	middle income countries
MPS	market price support
MV	modern varieties
NGO	non-governmental organization
NRA	nominal rate of assistance
ODA	official development assistance
OECD	Organisation for Economic Co-operation and Development
OFID	OPEC Fund for International Development
OPEC	Organization of Petroleum-Exporting Countries
PIM	perpetual inventory method
PPP	purchasing power parity
PSE	producer subsidy equivalent
PY	potential yield
PYw	water-limited potential yield
R&D	research and development
SAP	standard accounting procedure
SPS	Sanitary and Phytosanitary Agreement (World Trade Organization)
TBT	Technical Barriers to Trade
TFP	total factor productivity
TV	traditional varieties
UN	United Nations
UNCTAD	United Nations Conference on Trade & Development
WDI	World Development Indicators
WDR	World Development Report
WFS	World Food Summit
WTO	World Trade Organization