



56th FIRT Annual Meeting

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How can the fertilizer industry contribute to the nutrition security challenge?

Luc M. Maene, Director General
International Fertilizer Industry Association



BEATING FAMINE

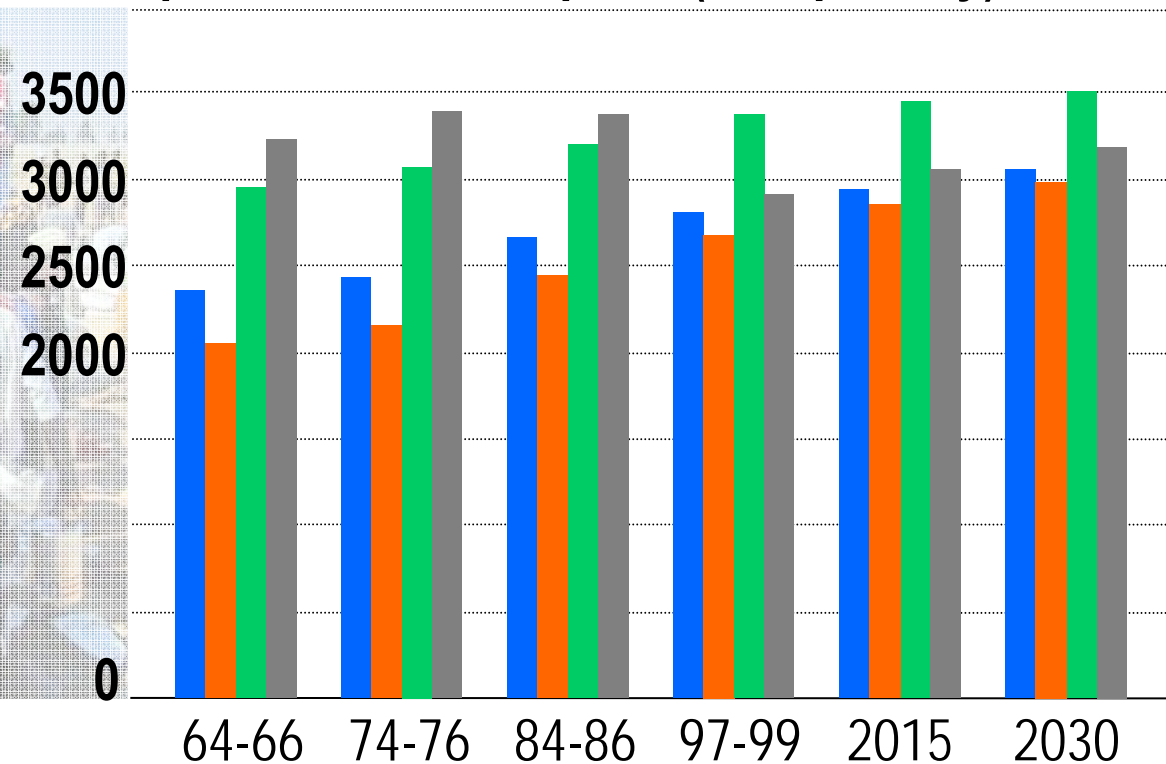
■ World ■ Developing countries ■ Industrialized countries ■ Transition countries

Photo: USAID



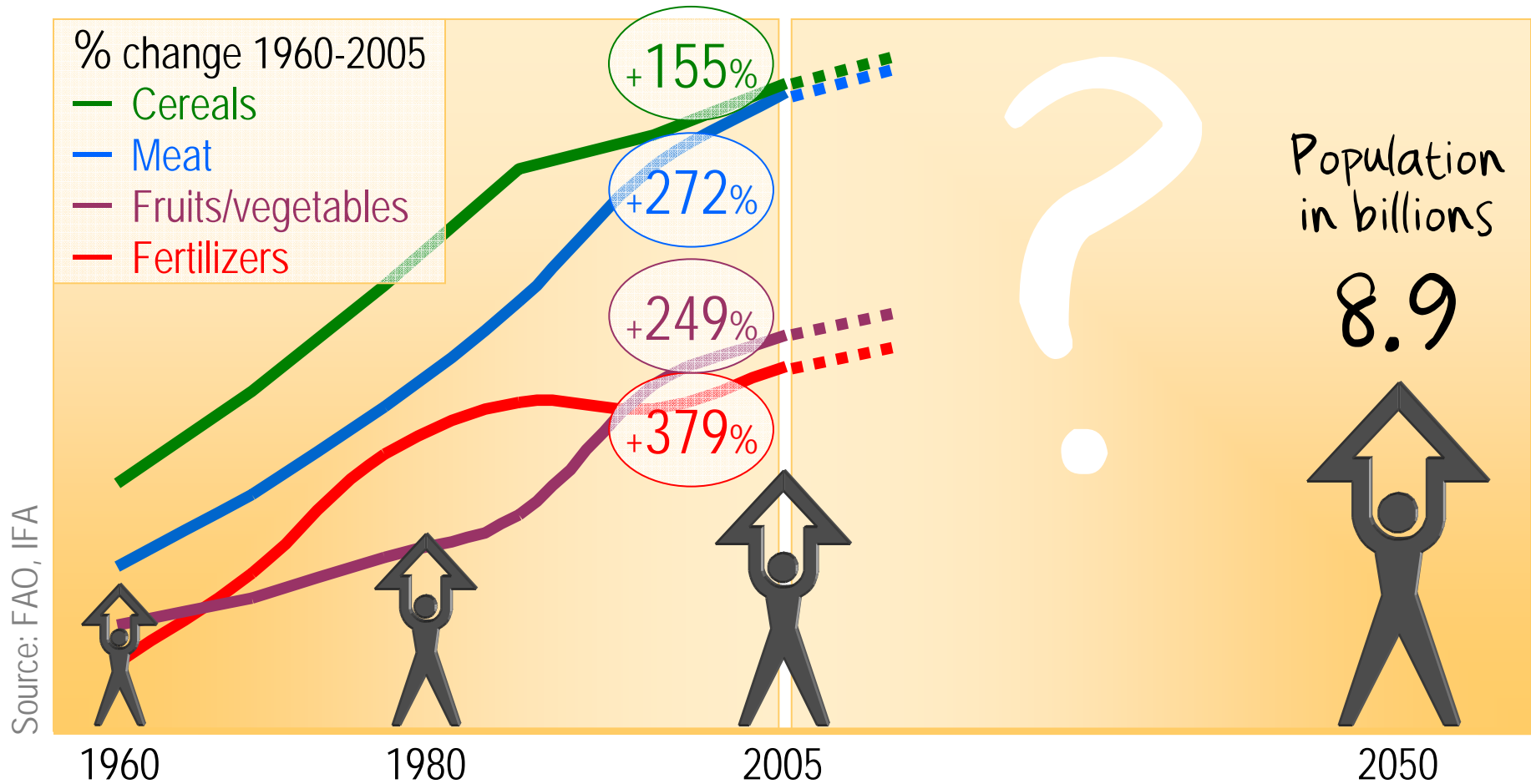
Source: FAO

Per capita food consumption (kcal per day)



How can the fertilizer industry contribute to the nutrition security challenge?

FEEDING A GROWING POPULATION



How can the fertilizer industry contribute to the nutrition security challenge?

EMERGING MICRONUTRIENT DEFICIENCIES

N

P

K

S

Ca

Mg Fe

Zn Mn Cu

B Mo Cl

Ni

CROPS ARE VEHICLES FOR NUTRIENTS

Zn deficiency: global nutritional problem



Photo: Ismail Cakmak



(Alloway, 2004, In:
Zinc in Soils and Crop Nutrition.
IZA Publications, Brussels)



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DELIVERING MICRONUTRIENTS

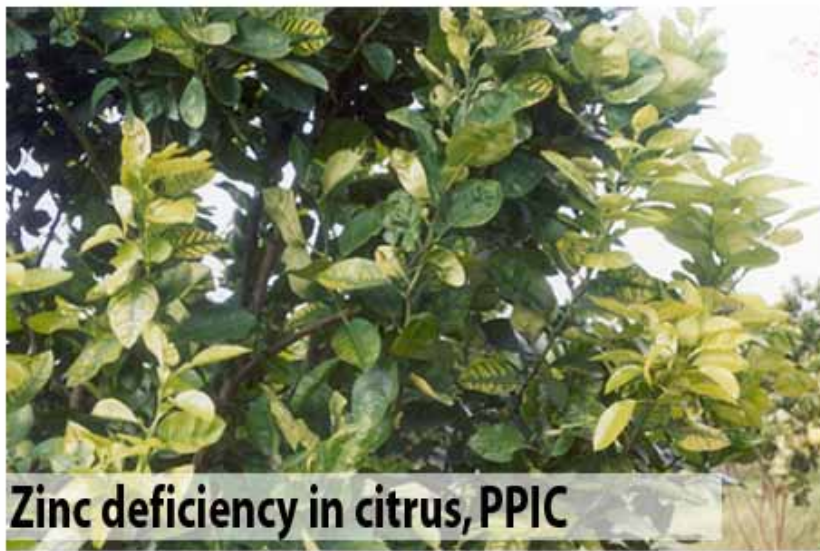
- # Dietary supplements
- # Fortified foods
- # Diversified diets
- # Enhanced varieties
- # Targetted fertilization

WHAT ROLE FOR FERTILIZERS ?

Photo: Ismail Cakmak



Photo: Rallis India Ltd



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A medical form, likely a prenatal or general health questionnaire, is shown in the background. It contains various sections like 'PREGNANCY HISTORY', 'B. MEDICAL HISTORY', and 'C. FAMILY HISTORY'. A silver stethoscope and a pen are resting on the form. Overlaid on this image is the text 'WHAT ROLE FOR PUBLIC POLICY?' in large, green, 3D-style letters.

WHAT ROLE FOR PUBLIC POLICY?



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WHAT ARE THE OBSTACLES ?



How can the fertilizer industry contribute to the nutrition security challenge?

TO CONTINUE THE DIALOGUE



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