







igg	mportance of agriculture				ure universitätbon				
Changed dietary habits Table 5.2-2 Consumption of meat, milk and milk products in various world regions. Without butter; ² Mean for the 3-year span Source: FAO, 2006b									
	Meat [kg/person/year]								
	1969/1971 ²	1999/2001 ²	2030	2050					
Developing countries	10.7	26.7	38	44	-				
Sub-Saharan Africa	10.2	9.5	14	18	-				
Sub-Sunaran / Infea									
North Africa/Middle East	12.6	21.7	35	43					
North Africa/Middle East Latin America	12.6 33.5	21.7 58.5	35 79	43 90					
North Africa/Middle East Latin America South Asia	12.6 33.5 3.9	21.7 58.5 5.5	35 79 12	43 90 18	+ 20%				
North Africa/Middle East Latin America South Asia East & South-East Asia	12.6 33.5 3.9 9.2	21.7 58.5 5.5 39.8	35 79 12 62	43 90 18 73	+ 30%				
North Africa/Middle East Latin America South Asia East & South-East Asia Transition countries	12.6 33.5 3.9 9.2 49.5	21.7 58.5 5.5 39.8 44.4	35 79 12 62 59	43 90 18 73 68	+ 30%				
North Africa/Middle East Latin America South Asia East & South-East Asia Transition countries Industrialized countries	12.6 33.5 3.9 9.2 49.5 69.7	21.7 58.5 5.5 39.8 44.4 90.2	35 79 12 62 59 99	43 90 18 73 68 103	+ 30%				

import	importance of agriculture				
Changed dietary habits	Table 5.2-5Land requirement of foods in relation to the energy contentof the consumable product (based on yields in the USA,case study of New York state).Source: Peters et al., 2007				
Land		Land requ [m²/1.000	Land requirement [m²/1.000 kcal]		
requirement	Animal-based foods				
	Beef	31.2			
	Poultry	9.0			
animal/plant 7	Pork	7.3			
	Eggs	6.0			
	Full-cream milk	5.0			
	Plant-based foods				
	Oil fruits	3.2			
	Fruit	2.3			
	Pulses	2.2			
	Vegetables	1.7			
Wissenschaftlicher Beirat der Bundesregierung Globale Umweltveränderungen	Cereals	1.1			
TS06G, Steering of a seeding process with a multi-sensor sy	/stem (5820)	FIG Rom, 0	8.05.2012	Folie 6	

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Food crisis		Change in price ine to December 2010	Wheat Sorghum	[%] 75 88	
the world bank food price wat	Rice maize	40 17 73			
	Total population (millions)	Poverty rate change (millions)	Poverty line: 1,25\$ per person per day		
Low-income countries	828	9,5			
Midle-income countries	4.758	34,1			
total	5.586	43,7			
TS06G, Steering of a seeding process with a	a multi-sensor system (5820)	F	IG Rom, 08.05.2012	Folie 7	



































