



















	Switzerland	Austria	Denmark	Italy	France
Wheat	64-75 %	62-67 %	58-63 %	78-98 %	44-55 %
Barley	65-84 %	58-70 %	62-68 %	55-94 %	70-80 %
Oats	73-94 %	56-75 %		88 %	
Corn	85-88 %		70 %	55-93 %	66-80 %
Oil seeds	83 %	78-88 %	60-67 %	48-50 %	67-80 %
Potatoes	62-69 %	39-54 %	54-69 %	62-99 %	68-79 %
		Several	publications co	ompiled by J. S	Sanders, FiE
Badgley e	et al. (2007)	conclud	e organic	yields in	the
developir	na world to	be 200%	of conve	ntional. w	hereas



Experiment	Treatment	Outcome
DOK-trial	Compost use (bio-dyn)	287 kg C ha ⁻¹ yr ⁻¹
1978-1998	Manure use (IP)	119-142 kg C ha ⁻¹ yr ⁻
(Fließbach et al. 2007)	vs. mineral fertilization	
Bavarian	Exp. Farm Scheyern	368 kg C ha ⁻¹ yr ⁻¹
organic farms	18 organic farms	Ø 110 kg C ha ⁻¹ yr ⁻¹
(Hülsbergen & Küstermann, 2007)	10 conventional farms	Ø -55 kg C ha ⁻¹ yr ⁻¹
Rodale	Manure use	688 kg C ha ⁻¹ yr ⁻¹
experiment (Pimentel et al. 2005)	Legume based	281 kg C ha ⁻¹ yr ⁻¹
US field	9 farming system trials	14% higher values in
experiments (Marriott & Wander		organic systems





















