

Good Environmental Practices in Bioenergy Feedstock Production

Making Bioenergy Work for Climate and Food Security

**MAIN POTENTIAL
DIRECT BENEFITS**
ENVIRONMENTAL

	SUSTAINABLE AGRICULTURAL MANAGEMENT APPROACHES			SUSTAINABLE INTEGRATED AGRICULTURAL AND FORESTRY MANAGEMENT SYSTEMS			SUSTAINABLE FIELD-LEVEL AGRICULTURAL AND FORESTRY PRACTICES																
	Conservation Agriculture	The Ecosystem Approach	Intensification, Agro-ecology and Eco-agriculture	Organic Agriculture	Agroforestry	Integrated Food-Energy Systems	Multiple Cropping Systems	Crop Rotation	Alternatives to Slash-and-Burn	Community-Based Forest Management	Conservation and Sustainable use of Plant Genetic Resources and Seeds	Forest Buffer Zone	Integrated Pest Management (IPM)	Integrated Plant Nutrient Management (IPNM)	No- or Minimum Tillage	Pollination Management	Precision Agriculture	Rainwater Harvesting and Management	Rehabilitation of Degraded Lands	Soil Cover	Sustainable Forest Harvest	Sustainable Forest Harvest	Wild Biodiversity Management at Farm Level
Soil quality	✓		✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water availability and quality	✓	✓	✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Biodiversity		✓	✓		✓				✓	✓	✓		✓				✓		✓			✓	
Agrobiodiversity	✓	✓	✓		✓				✓		✓		✓					✓				✓	
Climate change mitigation	✓	✓	✓		✓				✓			✓	✓		✓			✓		✓			

SOCIO-ECONOMIC

Productivity/Income	✓	✓	✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Availability of inputs	✓	✓			✓																		✓
Access to energy					✓				✓	✓									✓	✓			✓