



HOLISTIC RESOURCE MANAGEMENT FOR
CLIMATE RESILIENCE OF FARMING

Measure Catalogue ClimateFarming

2022-1-DE02-KA220-VET-000090163

Provided by: Triebwerk
Date: May 2024;



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This catalogue contains a number of measures that can be used to respond to the effects of climate change. It does not claim to be exhaustive.

	Category	Measures
Field structural	Field restructuring/ reorganisation/ habitat connectivity	Plot arrangement
		Controlled traffic
		Greening of tractor lanes
		Contour line parallel management
		Tractor lane positioning
		Headlands/ buffer strips/ flowering stripes
		Reduced field size (max 3 ha)
		Agriphotovoltaik
	Irrigation	Drip irrigation
		Underground irrigation
		Rainwater harvesting
	Agroforestry	Tree intercropping
		Tree crops
		Multistrata agroforestry
Silvopasture		
Perennial cropping		
Digitalisation	Precision agriculture	
	Smart farming	
	Machinery	Cutter bar
	Soil maintenace & Soil cover	Mulching
		Liming
		Stubble working
		Retaining harvest residue
		Undersowing
		Green manure
		Leguminous species

Land management (Crop- and Grassland)	Crops	Cover crops
		Crop rotations
		Intercropping
		Catch crops
		New cultivars
		Diversification of crops
		Assollement
		Perennial plants
	Fertilisation/ Nutrient management	Manure management
		Nutrient management
		Balanced plant nutrition
	Soil amendments/ additions of organic matter	Biochar
		Terra preta
		Addition of organic matter
Mycorrhizal inoculation		
Compost		
Green manures		
Rottelenker		
Cropland-specific	Minimized soil disturbance	No-till
		Reduced tillage
		Conservation agriculture
		Subsoil loosening
		Mechanical weeding
		Market gardening
	Specialized crop cultivation	Tractor lane positioning
		Protected gardening
		Ornamental plants
		Herbs
		Hops
		Nuts
		...
		Energy crops

Grassland-specific	Adapted seed mixtures		
	Increased plant diversity		
	Grazing management	Multi-paddock grazing	
		Mob grazing	
		Silvopasture	
		Rotational grazing	
		Pasture cropping	
Holistic grazing			
Animal Husbandry	Animal management	Chaptel size	
		Species diversification	
		Adapted species/race	
		Bruderkalb	
		Pastured poultry	
	Improved cattle feed		
	Double use species	Meat + Milk	
		Wool + Meat	
Eggs + Meat			
Spezialized production	Waterflow agriculture	Hydroponic agriculture	
		Aquaonic agriculture	
Autarky / Self-sufficiency	Water management	Retention pools	
		Keyline design/ swales	
	Heating	Biogas	
		Biomass heap	
	Electricity	Agriphotovoltaik	
		Solar	
		Wind	
	Organic ressources, fertilizer	Compost	
		Wood cuttings	
		animal husbandry	
		Biochar	
	Autarky / Self-sufficiency		Hay dryer
		Protected gardening	

Sufficiency	Weather	Irrigation
	Additional income	Farm café
		On-farm vacation
		Other touristic activities
		Event location
		Boarding horses
		Cleaning, conditioning of grains, seeds, etc. with own machinery for others
	Other	Seeds, seedlings
Fuel		
Management	Labour	Co-ownership
		Co-management
	Consultation	Tools
		Spezialized offers
	Finances	Community-supported agriculture
	Marketing	Direct marketing
		Farm shop
		Restaurants, cantines
		Supply chain partners
		Producer associations
	Cooperations	
		Fodder-manure-cooperation
		Machinery ring
		Research institutions
		NGOs
	Reduce harvest losses	
On-farm processing		



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