Table S1. Climate adaptation practice evaluation table
Financial/business attributes

	Functional attributes (rating -2 to +2)	Production/Yield	Allignment of supply and demand (timing, variety,and/or volume)	Diversification of products	Product quality	Efficiency of consumable inputs	Efficiency of capital investments	Efficiency of labor - own	Efficiency of labor - employees	Marketing potential	***Total Production Functions***
BEST MANAGEMENT PRACTICES											
Hoop houses/high tunnels											
Green manure (crop residue incorporation into soil)											
Cover Crops											
Reduced Tillage (zone, strip, keyline plowing, deep tillage)											
No till											
Timely manure incorporation											
Pest/Disease Management											
Invasive species management											
Irrigation (automated, drip, overhead)											
Stormwater runnoff management											
Wetland conservation											
Nutrient managent plans (any, not just government approved)											
Conservation buffer strips (riparian buffers, wind breaks, stream corridors, buffer strips, shelter belts, hedgerows)											
Drainage tile											
Rotational grazing											
Animal diversity											
Animal feed management											
Agroforestry (silvopasture, alley cropping, forest farming)											
Alternative energy (biomass, wind, solar, methane digesters											
Insurance (farm policies, crop insurance, product liability)											

Ecological attributes

	Functional attributes (rating -2 to +2)	Impact on biodiversity	Drought management	Management of excess water (rain, flood)	Protection of water quality	Chemical application impact	Greenhouse gas sequestration	Soil conservation/building	Impact on visual quality of the landscape	Response to changing extreme temps	Response to changing average temps	Impact on fuel usage/emissions	***Total Production Functions***
BEST MANAGEMENT PRACTICES													
Hoop houses/high tunnels													
Green manure (crop residue incorporation into soil)													
Cover Crops													
Reduced Tillage (zone, strip, keyline plowing, deep tillage)													
No till													
Timely manure incorporation													
Pest/Disease Management													
Invasive species management													
Irrigation (automated, drip, overhead)													
Stormwater runnoff management													
Wetland conservation													
Nutrient managent plans (any, not just government approved)													
Conservation buffer strips (riparian buffers, wind breaks, stream corridors, buffer strips, shelter belts, hedgerows)													
Drainage tile													
Rotational grazing													
Animal diversity													
Animal feed management													
Agroforestry (silvopasture, alley cropping, forest farming)													
Alternative energy (biomass, wind, solar, methane digesters													
Insurance (farm policies, crop insurance, product liability)													

Cultural and social attributes

BEST MANAGEMENT PRACTICES	*Functional attributes (rating -2 to +2)*	Protection of worker health	Impact on neighbor relations	Landscape appearance	Acceptability to customers	Acceptability to peers	Presevation of agricultural land use	***Total Production Functions***
Hoop houses/high tunnels								
Green manure (crop residue incorporation into soil)								
Cover Crops								
Reduced Tillage (zone, strip, keyline plowing, deep tillage)								
No till								
Timely manure incorporation								
Pest/Disease Management								
Invasive species management								
Irrigation (automated, drip, overhead)								
Stormwater runnoff management								
Wetland conservation								
Nutrient managent plans (any, not just government approved)								
Conservation buffer strips (riparian buffers, wind breaks, stream corridors, buffer strips, shelter belts, hedgerows)								
Drainage tile								
Rotational grazing								
Animal diversity								
Animal feed management								
Agroforestry (silvopasture, alley cropping, forest farming)								
Alternative energy (biomass, wind, solar, methane digesters								
Insurance (farm policies, crop insurance, product liability)								