Contacts

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KEY INSTITUTION	SUPPORTS	CONTACT NUMBER
Department of Agriculture, MOFA	Access to extension services,	Lawra - 0244979495
	issues with disease and pest	Nandom - 0200715590
	infestation, land and soil	
	management	
Planning office, district assembly	Access to agric inputs and	Lawra - 0201069388
	subsidies, fencing materials	Nandom - 0203499703
Business Advisory Centre	Access to markets, commodity	0243989326
	pricing, entrepreneurial	
	training, financial	
	management training	
MASLOC	Access to loans, financial	0208941546
	management support	
Ghana Irrigation Development	Water management,	0209061647/0200815724
Authority	construction of dugouts and	
,	dams	
Climate Change platform	Animal invasion, information	0208541415/0208396027
	on climate change and	
	bushfires.	

ASSAR uses insights from multiple-scale, interdisciplinary work to improve the understanding of the barriers, enablers and limits to effective, sustained and widespread climate change adaptation out to the 2030s. Working in seven countries in Africa and South Asia, ASSAR's regional teams research socio-ecological dynamics relating to livelihood transitions, and the access, use and management of land and water. One of four consortia under the Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA), ASSAR generates new knowledge of climate change hotspots to influence policy and practice and to change the way researchers and practitioners interact.





















For dry season farming in semi-arid Ghana

CHALLENGES

MARKET SYSTEMS



Poor market pricing

Poor market infrastructure

SOLUTIONS



Formation of unified associations to regulate pricing



Proper timing of Ghanaian farming to meet shortage of cheaper Burkina Faso market



Explore alternative preservation methods (drying, etc.)



Set up factories to process vegetables

AGRICULTURAL SUPPORT/INPUTS



Provision of extension services



Increment in visitation by areas to farms and update on emerging farming practices



Access and subsidy of inputs (fertiliser, pesticides, seeds, etc)



Provision of subsidies on inputs



Financial services







Facilitation of easy access to loans at low interest rates



Early water shortage

Insufficient water for farming



Use of early maturing and improved seed varieties







Digging of dams and boreholes



High cost of irrigation



Subsidise irrigation inputs for farmers

CHALLENGES



Unexpected flooding of farms

BUFFER

Creation of buffer zones

PEST AND DISEASES



Flower abortion



Subsidies on chemicals for farmers

SOLUTIONS



Nematodes infestation





Consultation with AEAs on pesticides application Research into new solutions to combat pesticide infestation

LIVESTOCK INVASION



Lack of fencing materials



Procurement of permanent fencing materials

Usage of local materials for fencing



Stray animals





Implement community bylaws to control animals

LAND AND SOIL MANAGEMENT



Land preparation (tractors, labour, equipment)



Proper training of tractor operators

Practise ridging across slopes

Link up with various schemes for input supply



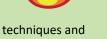
Low soil fertility

Cropping systems (crop rotation, inter cropping,

continuous cropping)







Adoption of new compositing techniques and creation of fire belts and bylaws to control bush burning



Practise legume-cereal rotation