

Formulation of a Sustainable Programme on Minimization of Problems Arising out of Damages Caused by Wild Animals to Crop Cultivations in Agricultural Areas.

Proposals for short term solutions

S/N	Proposals	Activities	Institutions Responsible	Period	Remarks
1	Erection of Agricultural Fence	Popularize among farmers by demonstrations on barbed wire fence, plastic fence and natural (live) fence	Dept.of Agriculture Dept.of Agrarian Development Ministry of Agriculture Provincial Department of Agriculture Mahawali Authority of Sri Lanka	Annually	
2	Utilization of Repellants	Educating farmers on the use of natural repellants and electronic repellants and encouraging them to use methods easily applicable in the field.	Dept.of Agriculture Dept.of Agrarian Development Ministry of Agriculture Provincial Departments of Agriculture Mahawali Authority of Sri Lanka	Annually	
3	Scaring away animals using air rifles	Prescribe due standards on air rifles	Ministry of Defence	Six(06) months	
		Co-ordinate the loan facilities provided through "Soubhagya" loan scheme implemented by the Central Bank / Farmers Trust Fund for farmers required to buy air rifles.	Ministry of Agriculture	Six(06) months	
4	Scare away using guns	Make legal provisions to enable for the use of bullet guns	Ministry of Defence Ministry of Agriculture	Six(06) months	
		Grant permission to use bullet guns	Ministry of Defence	Depending on the requirement	

5	Follow traditional methods	Make farmers aware on the possibility of using traditional methods	Dept.of Agriculture Dept.of Agrarian Development Ministry of Agriculture Provincial Department of Agriculture Mahawali Authority of Sri Lanka	Annually	
6	Using LED bulbs with various ranges	Educating farmers on the possibility of scaring away animals through the use of LED bulbs in various colours and ranges.	Dept.of Agriculture Dept.of Agrarian Development Ministry of Agriculture	02 years	
7	Educating the community	Including of wild animal controlling aspects in the syllabuses of schools, vocational training centers and higher learning institutes	Ministry of Educations Ministry of Agriculture Ministry of National Policies , Economic Affairs , Resettlement Rehabilitation , Northern Province Development , Vocational Training and skill Development and Youth Affairs.	01 year	
		Obtaining information through mass media notifications on mechanisms applicable in such circumstances found out by universities, researches and inventors , studying and evaluating them and making the public aware of them	Dept.of Agriculture Dept.of Agrarian Development Ministry of Agriculture Ministry of Defence Ministry of Wildlife	Annually	

		<p>Convey accurate information on wildlife controlling to public through Community Police Units</p> <p>Educating people on new research finding of universities / Researchers / Inventors</p>	<p>Sri Lanka Police Dept Dept.of Agriculture Ministry of Agriculture Provincial Department of Agriculture Mahawali Authority of Sri Lanka Dept.of Agriculture Dept. of Agrarian Development</p>	Annually	
8	Disposal of animal species identified	<p>Amending Fauna and Flora Protection Act for short-term disposal of identified animals (Peacock, Dandu Lena – Ceylon Giant Squirrel)</p>	Dept.of Wildlife Conservation	01 year	Necessary action is being pursued to obtain concurrence of the Dept.of Wildlife conservation and the relevant parties for amending Fauna & Flora protection Act
		Dept.of Wildlife Conservation and District Agricultural Committee taking decisions jointly on animal species to be disposed of and their quantity	Dept.of Wildlife Conservation District Agriculture Committee		
		Issuing disposal permits to farmers/ general public in respect of animal species identified as acute damagers	District Agriculture Committee		
		Reviewing and over reviewing of animal disposal processes	District Agriculture Committee Ministry of Agriculture		
		By studying the (increasing/ decreasing) trend of reporting damages, take action to control disposal process, continuing ,updating or long-term withholding and make provisions required for same	Ministry of Agriculture		

Proposal for Middle term solutions

S/N	Proposals	Activities	Institutions Responsible	Period	Remarks
1	Promotion of small foldable electric fence	Dissemination of this method among farmers through holding demonstrations	Dept.of Agriculture Dept.of Agrarian Development Ministry of Agriculture Provincial Department of Agriculture Mahawali Authority of Sri Lanka	Annually	In identified areas
2	Planting of fruit and seed varieties in reservation & forest areas	Sowing of seeds in identified forest areas and state lands Establishment of fruit plants in identified forest areas and state lands	Dept.of Wildlife Conservation Ministry of Agriculture Ministry of Wildlife Ministry of Defence	Six (06) months /replanting annually if required	

Proposal for long-term solutions

S/N	Proposals	Activities	Institutions Responsible	Period	Remark
1	Electric Fence	Erection of electric fence through community participated committee	Dept. of Wildlife Conservation Dept. of Forest Conservation District Agriculture Committee	It is expected	
		Utilization of improved poles with steel mixed coil-shaped vibrative and absorbent instead of wooden poles and looking into the possibility of using sleepers	Dept. of Wildlife Conservation Dept. of Forest Conservation		
		Every electric fence project to be monitored through a centralized unit	Dept. of Wildlife Conservation Dept. of Forest Conservation		

		Erection of electric fence in small portions and planning the same to be on a straight line and usage of automatic communicative devices for breakdowns to small parts.	Dept. of Wildlife Conservation Dept. of Forest Conservation	to commence in 2020 under this programme	
		By the time the live period of electric fence (5-7 years) coming to an end, entrusting its maintenance to farmers	Ministry of Wildlife Dept. of Wildlife Conservation Dept. of Forest Conservation		
2	Controlling of population through sterilization	Subjecting animals to sterilization through technological surgery without any outside cutting.	Ministry of Wildlife Dept. of Wildlife Conservation	It is expected to commence this programme in 2020	
3	Taking action to improve quality of forest	Establishment of long-lasting plants which can be used by monkeys, bats and other birds on food in forests.	Dept.of Agriculture Dept.of Wildlife Dept.of Agrarian Development Forest conservation Dept.	Expected to commence under this programme in 2020	
		Renovation of dilapidated tanks located in forests and increasing their water retention capacity (only to be used by animals and not for agriculture)	Dept.of Agriculture Dept.of Agrarian Development Forest conservation Dept		
4	Controlling unauthorized entering of cattle into forest areas	Identification of lands suitable for maintaining as grasslands	Ministry of Agriculture Ministry of Lands Dept. of Wildlife Conservation Ministry of Wildlife Forest conservation Dept.	Expected to commence under this programme in 2020	
		Entrusting the responsibility of developing and maintaining of those	Ministry of Agriculture Dept. of Animal production &		

		lands to Dairy farmer's organizations	Health Dept.of Agrarian Development		
		Supervision of the same through Divisional farmers' organizations.	Ministry of Agriculture Dept. of Animal production & Health Dept.of Agrarian Development		
		Strictly prohibiting entering of cattle into forests.	Ministry of Agriculture Relevant District Secretariats		
5	Restructuring of reforestation projects	Development of forests as sources of animal feeding (grasslands) gradually through reforestation projects.	Forest conservation Dept.	Expected to commence under this programme in 2020	
6	Ensure contribution of religions institutions, organizations for protection of animal rights and NGO	Getting direct involvement of Community organization as direct stake holders	Ministry of Agriculture Relevant District secretarits	With the assistance of local Government Institutions appropriately	
		Formulation of a methodology for providing leadership to Community Organizations	Ministry of Agriculture		
7	Waste Management	Taking measures to prevent informal disposal of waste in villages	Local Government Institutions	Expected to commence under this programme in 2020	
8	To formulate a formal method to assess damages caused by animals	Obtain a monthly report on the extent of damages at Grama Niladhari level and through Agriculture Research and production Assistants (KRUPANISA)	Ministry of Agriculture Dept.of Agrarian Development	Monthly	Necessary background has already been

					prepared for collection of primary data.
9	Entering in to a Memorandum of understanding between the Ministry of Agriculture and Universities to engage in new research activities	Identification of new researches on prevention of wild animal damages	Ministry of Agriculture Dept.of Agriculture	Expected to commence under this programme in 2020	
		Making financial contribution for useful researches out of those research work			