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Committee on Agriculture

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NOTIFICATION

The following submission, dated 22 March 2023, is being circulated at the request of the delegation of **Nicaragua**. The notification concerns domestic support commitments (**Table DS:1** and the relevant supporting tables) for the **calendar year 2021**.

In accordance with the notification requirements set out in paragraph (ii), page 11 of document G/AG/2, Nicaragua hereby advises that in 2021 it provided domestic support to agricultural producers through the Nicaraguan Institute of Agricultural and Livestock Technology (INTA). This support came under the category of domestic support exempt from reduction commitments under the Agreement on Agriculture. Supporting Table DS:1 (attached) provides details of these exempt measures.

Supporting Table DS:1
DOMESTIC SUPPORT: NICARAGUA

REPORTING PERIOD: CALENDAR YEAR 2021

Measures Exempt from the Reduction Commitment - "Green Box"

Measure type	Name and description of measure with reference to criteria in Annex 2	Monetary value USD	Data source	Note
1	2	3	4	
2. General services				
2 (a) Research	<p><u>Support for the livestock value chain in Nicaragua</u></p> <p>Contribute to the development of a more productive cattle farming sector, with a better and more environmentally friendly use of resources and a competitive, sustainable and inclusive approach in order to increase incomes, food and nutritional security and the well-being of small and medium cattle farmers in Nicaragua.</p>	940,090.82	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Innovation and dissemination of agricultural technologies for tackling climate change</u></p> <p>Increase the climate change adaptation capacity of families of small and medium agricultural producers and their communities through the dissemination, application and adoption of agro-ecological technologies and practices in 19 municipalities in Nicaragua's dry corridor, with a view to reducing crop losses, increasing productivity and enhancing the quality of life of the families concerned.</p>	149,156.57	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Innovative technologies for increasing the productivity of, and adding value to, sesamum crops</u></p> <p>This project seeks to improve the incomes of small producers by increasing yields, reducing costs and developing the plant industry in the cultivation of sesamum.</p>	22,010.26	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Dissemination and transfer of technology to improve the productivity of tomato crops in Nicaragua</u></p> <p>Disseminate and transfer efficient technologies to producers' farms in order to increase productivity in tomato cultivation in Nicaragua. Build the skills of producers and technicians in using technology that contributes to increasing productivity in tomato cultivation. Increase yields by 20% through the use of technology and the efficient management of tomato crops.</p>	42,705.64	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	

Measure type	Name and description of measure with reference to criteria in Annex 2	Monetary value USD	Data source	Note
1	2	3	4	
	<u>Development of total mixed ration (TMR) technology for managing cattle feed</u> Development of a self-sufficient system for producing fodder and feed with a high nutritional value. Improve productivity in the meat and milk sector by 20% through the development of TMR feed management technology for livestock in Nicaragua.	15,436.49	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<u>Development of adapted rice varieties in Nicaragua and of technologies to reduce production costs</u> Improve the economic incomes of small producers through research on fertility, planting distances and sowing density and the use of bio-inputs on varieties developed by the INTA. Dissemination of promising rice varieties introduced from Korea. Four practical demonstrations on dry direct seeding. Training for technicians and producers on new agricultural practices for the management of irrigated rice.	32,243.39	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<u>Participatory research into varieties, pruning and fertilization to increase the amount of coffee produced sustainably by small producers</u> <ul style="list-style-type: none"> • Identify, document and disseminate through various means the pruning systems best suited to local conditions. • Determine the costs and benefits of applying different systems: types of pruning and fertilization in coffee production. • Build the capacities of coffee researchers and technicians through the sharing of experiences with experts from national and international centres. 	17,781.48	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<u>Research into the drought resilience of beans (<i>Phaseolus vulgaris</i> L.) in the face of climate change</u> Development of bean varieties adapted to the dry areas in Nicaragua. Improve the capacity of farmers and researchers to develop and use drought-tolerant varieties. Keep directors and decision makers at the INTA informed of the project's progress.	12,784.37	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<u>Improvement of soil fertility through the use of technology to transform bovine manure into fertilizer</u> Contribute to increasing soil fertility and agricultural productivity through research into, and the transfer of, technology to transform manure into fertilizer for small farmers in the north Pacific, south and north-central regions.	8,480.9	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	

Measure type	Name and description of measure with reference to criteria in Annex 2	Monetary value USD	Data source	Note
1	2	3	4	
	<p><u>Transfer of digital agricultural technologies to four telecentres in four municipalities in the departments of Estelí, Madriz, Matagalpa and Jinotega</u></p> <p>Provide and facilitate access to specialized technical information for producers, with a view to helping protect local ecosystems, protecting underground water sources by reducing the excessive use of fertilizers, helping to preserve soil structure and producing safe and healthy food.</p>	14,200.23	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Promotion of the production of biofortified varieties in Nicaragua</u></p> <p>Increase the production of biofortified varieties of higher category maize and bean seeds.</p>	16,225.28	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Improvement of cocoa production through the use of improved germplasm and climate-smart agricultural practices</u></p> <p>Generate information on the adoption by traditional cocoa plantations of good agricultural practices and improved high-yield and disease-resistant varieties and the impact of this.</p>	10,548.87	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Development of technical capacities to increase the quality of native and domesticated seeds used in family farming in Nicaragua</u></p> <p>Contribute to the food security of producer families in regions I, II and VI (departments of Chinandega, León, Estelí, Nueva Segovia, Madriz, Matagalpa and Jinotega) by helping them to improve how they are organized, adopt technologies and make improvements to native and domesticated seeds as part of the new agricultural model.</p>	14,053	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Development and dissemination of varieties of staple grains, roots and tubers with a high nutrient content – Support for HarvestPlus IFRPI</u></p> <p>Contribute to increasing the productivity and nutritional value of the food consumed by Nicaraguan families through the development, release and diffusion of new varieties of beans, maize, rice, cassava and sweet potato with a higher nutrient content.</p>	3,867.51	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Technological development and innovation to improve soya bean productivity in Nicaragua</u></p> <p>Contribution to improving farmers' income by increasing yields and reducing production costs, particularly through the application of soil tillage and pest control technologies.</p>	74,437.29	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Technological agri-food project for small and medium producers in emergency situations (emergency food programme)</u></p> <p>Contribute to the recovery of the agricultural livelihoods of the families across the country who were most affected by the COVID-19 pandemic. Provision of staple grain seeds and <i>in vitro</i> plants.</p>	3,576,600	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	

Measure type	Name and description of measure with reference to criteria in Annex 2	Monetary value USD	Data source	Note
1	2	3	4	
	<p><u>Building the planning capacities of municipal and community institutions in order to improve disaster risk reduction and build resilience in the north Caribbean coast autonomous region</u></p> <p>Build the planning capacity of municipal and community institutions in order to improve disaster risk reduction and build resilience in the north Caribbean coast autonomous region.</p>	54,218.64	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	<p><u>Livelihood recovery vouchers to support families affected by Hurricanes Eta and Iota. Support for the implementation of the action plan with the World Food Programme</u></p> <p>Contribute to the recovery of the livelihoods of producer families living on the north Caribbean coast and in the departments of Jinotega and Nueva Segovia who were affected by Hurricanes Eta and Iota, through the issuance of technology vouchers.</p>	1,006,816.01	Nicaraguan Institute of Agricultural and Livestock Technology (INTA)	
	Subtotal:	6,011,656.75		
	Subtotal General Services	6,011,656.75		
Total Green Box		6,011,656.75		