

2022 ESWATINI DAIRY BOARD ANNUAL PERFORMANCE REPORT



Vision

We, Eswatini Dairy Board perceive ourselves as a catalyst towards the total development and improvement of the dairy industry in Eswatini.

Mission

We, Eswatini Dairy Board are in the business of developing and promoting the production and consumption of quality dairy products by coordinating and harmonizing all activities in the dairy industry through the application of appropriate skills and technology.

Objectives

The Board has the following long term objectives:

- a) To direct the development of the dairy industry in the Kingdom of Eswatini.
- b) To facilitate the production and consumption of quality dairy products in the Kingdom of Eswatini.
- c) To ensure the provision and sustainability of a technical capacity for the furtherance of the Board's mandate.
- d) To advice and consult stakeholders on issues and matters relating or incidental to the dairy industry.

2022 PERFORMANCE REPORT

Strategic Roadmap Pillar : Dairy Production

Strategic Objective 1: Increased milk supply in the country.

Section/Division /Programme	Actual activities carried out	Overall Target	Achievements	Remarks/Comments
<p>Programme 1: <i>Strengthen dairy extension services</i></p>	<ul style="list-style-type: none"> • Technical Farm Visits, Trainings and Farmer meetings carried out to achieve accelerated milk production and productivity. 	<ul style="list-style-type: none"> • Improve milk productivity and overall dairy farm management. 	<ul style="list-style-type: none"> • The board conducted 1670 farm visits to various farmers' across the country of which 510 visits were to different farms. This was above the targets of 1200 overall farm visits and 450 visits to different farms. 	<ul style="list-style-type: none"> • The main aim of farm visits is to share information and techniques with farmers to improve productivity, herd health, hygiene and overall farm management. • Dairy management trainings were aimed at improving

			<ul style="list-style-type: none"> • Fourteen (14) day time trainings/workshops were conducted. • The average attendance per workshop was twelve (12) participants. • The board engaged in nineteen (19) technical meetings with farmers to discuss operational progress on MCCs to fast track growth of the farmer groups involved and 	<p>productivity in dairy production and increasing the number of newly established dairy enterprises projects.</p> <ul style="list-style-type: none"> • Topics covered dairy farm management, milk collection centre establishment and operation, principles of dairy cattle breeding.
--	--	--	--	---

			further advice on the sourcing of funds for the projects.	
<p>Programme 2: <i>Promote fodder production and availability</i></p>	<ul style="list-style-type: none"> Increased fodder produced locally and increase availability of hay countrywide. 	<ul style="list-style-type: none"> Improve the fodder flow and availability for dairy farmers in all parts of the country. 	<ul style="list-style-type: none"> The board conducted twenty (20) pasture establishment demonstrations for farmers to plant winter/summer pastures. The pastures were over an overall estimated area of twenty seven (27) hectares. The Board has so far distributed forty seven (47) square baling 	<ul style="list-style-type: none"> The pastures included rye grass, Rhodes, Kikuyu, Japanese reddish, and oats grasses The Board aims to increase the number of baling boxes circulating within farmers to at least fifty (50) boxes country wide before the start of the new dry season.

			<p>boxes to farmers in need across the country.</p> <ul style="list-style-type: none"> Over the dry season, those farmers have made about 8224 square hay bales (10-15kg). A significant increase compared to last season's total of 4571 bales. The board further assisted farmers with expertise and machinery for silage and hay making. Through this initiative 98 bales (300kg) 	<ul style="list-style-type: none"> The Board further shares information to farmers on other hay sources in the country. To improve fodder availability, the board has procured hay making machinery to be used assist more farmers on hay making and fodder production.
--	--	--	--	---

			were made for farmers.	
<p>Programme 3: <i>Identify and develop additional farms for milk production.</i></p>	<ul style="list-style-type: none"> Identifying and develop farms to be utilized for large scale milk production. 	<ul style="list-style-type: none"> Number of large-scale farmers in milk production 	<ul style="list-style-type: none"> The Board initiated the re-establishment and rehabilitation of the dairy livestock section at Malkerns research station for dairy farming purposes. Ninety (90) dairy goats have been brought from Gege Dairy Farm into the Malkerns Research farm for breeding purposes. Rehabilitation is ongoing 	<ul style="list-style-type: none"> It remains the board's key objective to identify and utilize farms suitable for dairy production to increase local milk production.

Strategic Objective 2: Increased Milk Production on SNL

Programme 4:
Operate a Dairy Vocational and training Centres.

- | | | | |
|--|---|---|---|
| <ul style="list-style-type: none"> • Operate dairy vocational and training centers at Gege Dairy Farm. • Mobilize youth, women, aspiring and practicing farmer trainings on dairy farm management. | <ul style="list-style-type: none"> • Vocational Centre Operational and training of aspiring and existing dairy industry practitioners such as farmers, CBDD, processors and the youth. | <ul style="list-style-type: none"> • The Board conducted six (6) trainings on A.I (Artificial Insemination) training for sixty one (61) farmers, youth participants, and other dairy stakeholders' to increase the A.I skills pool. • Two (2) of the trainings were in collaboration with World Vision whereby seventeen (17) youths of Sithobelweni and Somntongo were trained on A.I. | <ul style="list-style-type: none"> • The A.I training included lessons on other livestock disciplines such as Feedlotting, in collaboration with MOA. • The board has also continued engaging with World vision to fast track the implementation of the AI project. • Vocational centre remains fully operational for hosting various training |
|--|---|---|---|

			This was part of the CBDD (Community Based Dairy Developers) initiative.	
<p>Programme 5: <i>Mobilise SNL farmers to embark on dairy farming.</i></p>	<ul style="list-style-type: none"> Engaged and strengthen farmer groups to increase milk production in the country. 	<ul style="list-style-type: none"> Increase the number of farmers practicing dairy on SNL. Achieve coordinated dairy farming in SNL through increasing number of registered dairy farmer groups and dairy projects. 	<ul style="list-style-type: none"> The board conducted three (3) intensive dairy cattle trainings (8 weeks) tailored for aspiring and practicing farmers. The trainings was attended by thirty (30) overall participants. The Board further produced eleven (11) bankable business plans for potential farmers 	<ul style="list-style-type: none"> The trainings include local field tours to expose the farmers to real life dairy farming situations. Graduation ceremony was successfully held for 149 dairy graduates who completed courses in dairy cattle management, dairy goats' management,

			<p>looking to invest into the dairy enterprise.</p> <ul style="list-style-type: none"> • Eight (8) business plans were developed for smallholder dairy farming, one (1) for MCC operational expansion on SNL, one (1) for large scale processing and another one (1) for small scale processing. • The board further conducted twenty eight (28) resource assessments for 	<p>artificial insemination and dairy processing.</p> <ul style="list-style-type: none"> • The training is aimed at building capacity for dairy farmers to improve productivity in the country. • The board further provides farmers with business advice on growing their business and herd. • The Board has continued to monitor and support the pass-on programme to
--	--	--	---	---

			<p>aspiring dairy farmers in SNL.</p> <ul style="list-style-type: none"> • Four (4) heifers were passed on to farmers through the Pass-on the cow programme. The groups involved included Ntfonjeni dairy farmers (Ntfonjeni), Bakhiciti dairy farmers (Malindza) and Chubekani dairy farmers (Dwalile). 	<p>increase the dairy herd on SNL and further boost income generation projects.</p>
<p>Programme 6: <i>Intensify school dairy program</i></p>	<ul style="list-style-type: none"> • Collaborate with schools on establishing school dairy projects 	<ul style="list-style-type: none"> • Number of Schools Dairy projects in the country. • Assist the schools' feeding 	<ul style="list-style-type: none"> • The board conducted nine (9) dairy management trainings in schools with dairy 	<ul style="list-style-type: none"> • Eight (8) schools have almost completed preparations and trainings conducted in

		<p>programmes and prevocational education on dairy management.</p>	<p>projects and those yet to start.</p> <ul style="list-style-type: none"> Schools trained included Mdumezulu Primary School, Ezindwendweni High school, Dlalisile High school, Mabhensane High School, Malunge High School, School of the deaf, Ndzongomane primary school, Lanjane Primary School, Nyamane High School and Ngwane Central High School. 	<p>preparation to benefit under the project.</p> <ul style="list-style-type: none"> The Board continues to provide extension and technical advice to the schools to ensure the projects benefits the schools.
--	--	--	---	--

			<ul style="list-style-type: none"> The schools produce on average 451L/day which is fed to the pupils, for training purposes and sometimes sold for income generation. 	
<p>Programme 7: <i>Increase capacity and number of rural area milk collection centres.</i></p>	<ul style="list-style-type: none"> Establishment of milk collection centers 	<ul style="list-style-type: none"> Number and capacity of collection points of milk increased Improved performance of existing MCCs 	<ul style="list-style-type: none"> The operating MCCs received approximately 40,045L from their farmers with an estimated revenue generated of E 336,345/ quarter. The operating MCCs include Sengani MCC (Hhohho), Luyengo MCC 	<ul style="list-style-type: none"> The Board continued assisting the operational MCCs in sourcing funding for expansion and competitive markets to sell their produce. The board sometimes provide the MCCs

			<p>(Manzini) and Ntandweni (Lubombo)</p> <ul style="list-style-type: none"> The board had preliminary discussion with farmers in KaMfishane area on MCC establishment. 	<p>with transport for milk to market.</p> <ul style="list-style-type: none"> Other areas where engagements for MCC operation have begun include Hhukwini, KaPhunga and Thabankulu.
Strategic Objective 3: Improve the availability of Dairy animals				
<p>Programme 8: <i>Facilitate – local production and importation of dairy animals</i> <i>(AI services, local cattle sales, Quarantines)</i></p>	<ul style="list-style-type: none"> Facilitate dairy cattle breeding and sourcing. Provide A.I (Artificial Insemination) services to improve dairy herd. 	<ul style="list-style-type: none"> Increase the national dairy herd. 	<ul style="list-style-type: none"> The board conducted 286 cows/heifers’ artificial inseminations for farmers in the country. Twenty two (22) of the inseminations 	<ul style="list-style-type: none"> The Board has continued training more individuals on the skill of A.I to increase the pool of skilled people locally. This MOU is aimed at increasing its

			<p>were conducted by trained individuals under the CBAI (Community Based Artificial Inseminators) programme in the Lubombo and Manzini regions.</p> <ul style="list-style-type: none"> • The board facilitated the importation of sixty (60) dairy cows from RSA for local farmers before the FMD import ban. • The Board is in the process of finalizing an MOU with the Ministry 	<p>carrying capacity of the quarantine station to facilitate dairy cattle import in the quest to increase the national herd.</p>
--	--	--	--	--

			of Agriculture to facilitate the rehabilitation of Mpisi Quarantine Station.	
<p>Programme 9: <i>Promote dairy goat production</i></p>	<ul style="list-style-type: none"> Dairy goats milk production and breeding stock. 	<ul style="list-style-type: none"> Goats Milk promotion 	<ul style="list-style-type: none"> The board conducted and eight (8) weeks intensive dairy goats training programme to promote the enterprise. The training was attended by eleven (11) aspiring dairy goat farmers. The board conducted a sale of the dairy goats kept at Gege 	<ul style="list-style-type: none"> The board aims at accelerating the commercialization of goat's milk and ensuring that it becomes readily available to milk consumers. Following the sale of goats, the number of local dairy goats' farmers has increased. More dairy goats will therefore be sold to farmers

			<p>dairy farm.</p> <p>Twenty (20) goats (males and females) were sold to farmers to rearing purposes.</p> <ul style="list-style-type: none"> • To accelerate goats' milk commercialization and breeding, the Board engaged with Malkerns Research Station dairy section to revive it for goats breeding purposes • Ninety (90) dairy goats were thus transferred from Gege farm to 	<p>prior to the breeding season in the next reporting period.</p>
--	--	--	--	---

			Malkerns research station.	
Strategic Objective 4: Reduced imports and increased exports of dairy products				
Programme 10: <i>Establish a dairy processing facility</i>	<ul style="list-style-type: none"> Construction of the processing plant in Matsapha 	<ul style="list-style-type: none"> Operational Plant 	<ul style="list-style-type: none"> The construction of the processing plant is in the final stages whilst engagements for a potential operator are still ongoing. 	
Programme 11: <i>Engage with local processors to increase its products and exports.</i>	<ul style="list-style-type: none"> Engaged with local processors on expansion plans of the processing of more products locally. 	<ul style="list-style-type: none"> Increased production and exports 	<ul style="list-style-type: none"> The Board facilitated the export of 99,900kg yoghurt to Botswana. The Board continues to support six (6) local small scale processors by linking them with milk producers 	<ul style="list-style-type: none"> The import levy review on dairy products that are sufficiently produced in the country is still on the cards to promote local dairy processing and manufacturing.

			<p>and assisting them in sourcing processing ingredients.</p> <ul style="list-style-type: none"> • The processors source an estimated 39,300L/month from local farmers. • The Board conducted two (2) intensive dairy processing trainings (5 days) covering practical session on the process of emasi, yoghurt and soft cheeses. 	<ul style="list-style-type: none"> • Small scale processors produce various products that include Emasi (Cultured and Uncultured), yoghurt and cottage cheese. • The board continues to train and support the local manufacturing of dairy products and further create an enabling environment for all industry players.
--	--	--	---	--



			<ul style="list-style-type: none">• The trainings were attended by 27 participants.	
--	--	--	---	--