

SECOND EDITION

TALKING POULTRY



IPVC Team leader
JOSEPH MATIZA

FROM THE TEAM LEADER'S DESK

Greetings Dear Reader, we welcome you to this second edition of the Inclusive Poultry Value Chain's - Talking Poultry newsletter series.

IPVC program is working with government extension, respective local councils, private sector in DOC, stock feed and machinery suppliers continue to make significant

strides, on improving the performance of the poultry value chain (PVC) particularly as it relates to Small and Medium Producers (SMP) participation.

Notable achievements include the completion of four live bird marketplaces in 2021, that are, the Masvingo (Chitima market), Mutare (Chikanga), Kwekwe (Mbizo phase 2) and Harare (Domboshawa Showgrounds).

Chikanga market officially opened on the 9th of September, Chitima market on the 26th of October, Mbizo market on the 30th of November and the Domboshawa live market officially launched on the 15th of December.

The live bird market places



were opened together with the established butchery in the respective clusters, with the aim of providing live and dressed bird market channels for SMPs who members of the established Poultry Business Associations (PBA).

A total of 7000 point-of-lay (POL) Hyline birds produced through a revolving facility, were distributed to the PBA members, across the five clusters, that is, Harare, Bulawayo, Gweru, Masvingo & Mutare at a cost recovery price of USD 6.20 against the open market price of USD 9.50.

The PBAs managed revolving scheme for 5000 POL birds with a target of producing at least 5000 commercial POL



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EU Ambassador to Zimbabwe, Timo Olkkonen In Kwekwe

birds in every quarter for the benefit of SMPs.

Three sets of diesel powered 500kg/hr mobile feed mills with a vertical mixer and 60kg/hr pelletiser on a towable trailer were handed over to Masvingo, Gweru and Harare PBAs for hiring by SMPs to enable own farm poultry feed formulation and production. During the past 12 months, the cumulative sales, of bulk procured commercial stock feeds and DOC in the five poultry business units (PBU) for the respective five PBAs stands at 2 226 MT of feed and 350 762 DOCs.

The cumulative PBA membership stands at 2812. IPVC has facilitated the installation of a Cloud based QuickBooks Accounting software package across the five poultry business units to promote and ensure good financial management practices and accountability.

The preceding period has also presented its fair set of difficulties to SMPs

The program has also facilitated monthly fuel and airtime provision to 108 Agricultural Extension Workers (AEWs) in the IPVC program targeted wards. With the support of government extension, the program is rolling out the training and extension on Good Agricultural Practice in Poultry Husbandry.

participation in the PVC. This includes but not limited to, the Covid-19 necessitated lockdowns which limited face to face extension & training and stock feed price increases post the promulgation of SI 127 of 2021 prohibiting the selling of goods and services, quoting

an exchange rate above the ruling auction market rate, amplifying effects of the earlier SI 125 of 2021 on the control of maize and soya trading.

The SMPs in the PBAs through their ZPA chapters continue to lobby to the Chick Breeders and the government ministries of Agriculture; Industry & Trade and Finance to put in place provisions for adequacy in broiler DOC supply, for the third and fourth quarter where perennially, demand has exceeded supply.

Looking forward, IPVC seeks to strengthen the end market linkages for the PVC in an endeavour to improve SMP access to formal markets which will in turn prime them for accessing finance from private sector to grow their poultry enterprises. Ongoing, is the capacity building of SMPs with skills and equipment to undertake own farm feed

formulation and production. Strengthening the dual-purpose bird (i.e., Boschveld, Kuroilers, Black Australorp, Sussex) component of PVC is being undertaken to promote an alternative climate and economic resilient poultry production system.

To this end, a total of 30 incubators has been provided to groups that include, PBAs; lead farmers and farmer groups in the IPVC clusters to provide hatching services to SMPs for dual purpose and indigenous chickens. Furthermore, a trial pilot study

is being undertaken by the program in partnership with Matopos Research Institute to assess the meat and egg productivity performance of the different dual-purpose breeds under conditions of improved pastures.

Happy reading!!!

BULK FEED PURCHASES

With the establishment of the Poultry Business Units across all five clusters (Harare, Masvingo, Gweru, Bulawayo and Mutare) farmers can enjoy benefits offered at these PBUs by being a member. Among services offered by the PBUs, is the bulk procurement of feed. The PBUs purchases feed in bulk, and in turn sells it to registered farmers at a discount, to 2 812 registered poultry business association members across all clusters. As of January 21, 2022, the PBUs had cumulatively sold 2225.98 tonnes of feed to members.

PBU	Females	Males	Membership	Feed Tonnes sold	Day-old chicks sold
Poultry Direct (Harare PBA)	465	262	727	1185.55	148 895
Manica (Mutare PBA)	382	147	529	268. 28	62 729
Golden Poultry (Masvingo PBA)	405	221	626	393.40	75 333
Platinum Poultry (Midlands PBA)	340	194	534	218.05	36 480
Matabeleland (Bulawayo PBA)	251	145	396	160.70	27 325
Total	1843	969	2 812	2225.98	350 762

Farmers get to enjoy an average saving of between \$01.00 and \$2.00 per 50kg bag of feed.

RETAIL PRICE AND PBU PRICE COMPARISON AS OF JANUARY 21ST, 2022

HARARE

Product	Retail Price USD	PBU Price USD	Average saving per bag USD
Broiler starter	29.00	27.00	2
Broiler grower	28.50	26.50	2
Broiler finisher	27.50	26.00	1.50

MASVINGO

Product	Retail Price USD	PBU price USD	Average saving per bag USD
Broiler starter	29.00	28.00	1.00
Broiler grower	28.50	26.50	2.00
Broiler finisher	27.50	25.00	2.50

BULK CHICK PURCHASES.



Figure 2 Bulk chick delivery

The project is assisting farmers with accessing day-old chicks at a discounted price. Registered PBA members get to save between \$0.05 - \$0.10 per bird by buying at the PBA for a \$1.00 per bird. The market price for day old chicks is ranging from \$1.05 - \$1.10. As of January 21st, 2022, the project had sold 350 762-day-old chicks to registered members of its PBAs.

DUAL PURPOSE CHICKENS; AN OPPORTUNITY FOR COST-EFFICIENT POULTRY FARMING IN ZIMBABWE



Figure 3: Intensive grazing



Figure 4: Semi-intensive grazing

The trials are being conducted on two fronts, firstly using an intensive communal grazing model and a semi-intensive grazing model adapted for commercial rearing. The extensive sides mimic the traditional way of rearing road runners where they are let out to grazing without additional supplements. This is compared with the semi extensive grazing model where the dual-purpose

purpose trial at Matopos Research Institute and Chibero College of Agriculture. The project trial seeks to show case the different dual-purpose breeds to poultry farmers for ease adoption through providing an intensive and semi-intensive grazing and adaption trial using locally available resources.

breeds are provided with lucerne grass as a protein substitute for commercial feeds. The chickens are provided with different grazing paddocks, where data is collected routinely on their performance.

At both institutions, three dual purpose breeds have been put for trial, these are the Boschveld, Black Astrolop and Sasso breeds. A comparison will be made based on the different treatment against each of the strains kept in the paddocks. For example, an evaluation will be made on the performance of each breed versus value for money (resources committed over the same period). An analysis is also made on the performance of one breed strain in intensive versus semi-intensive (lay rate, and weight gain). The trial will also determine the adaptation mechanisms between one breed and another in the various regimes employed to determine which breed is more suitable for the communities to have

Due to the increase in the cost of feed, the trials seek to measure the efficiency in saving feed, or in alternative feed regimens. Additionally, dual-purpose breeds have a threefold purpose which are for meat purposes (cocks), sell of table eggs as well as for breeding (day old chicks and point of lay). They are expected to realize more profits for the communities by providing more than one alternative source of income to the farmers who adopt them.



Figure 5 Sasso breed in semi-intensive grazing



Figure 6: Black Astrolop breed in intensive grazing

One hundred and forty chickens were delivered to Matopos Research Institute for the project on the 3rd of June 2021.

The birds delivered were from three strains namely.

Strain	Total
Sasso	50
Borsch veld	50
Black Astro lope	40
Total	140

The following data is collected continuously: feed intake, water intake and foraging behaviour of the birds. Preliminary observations have shown that the Black Astrolop is a poor forager whereas the Boschveld and Sasso are excellent foragers. Testing of the birds' laying rate and production coefficients has become as the birds have started laying.

Preliminary results have also shown that, there is a good opportunity for small holder poultry farmers to adopt the dual-purpose breeds, as it will significantly reduce their costs of poultry farmers as well as realizing many streams of income from the same birds. Additionally, the trial has shown that birds under a semi-intensive system tend to perform reasonably better and have better productive ratios.



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LIVE BIRD & EGG MARKET PLACES AND BUTCHERY FACILITIES



Figure 7 Kwekwe marketplace

Through the project's Poultry Business Units (PBUs) in Harare, Masvingo, Gweru, Mutare and Bulawayo, poultry farmers are being linked to the market through live market sheds for live bird and egg selling and providing butchery facilities for cold dressed birds selling for SMPs.

“From the Zimbabwe Poultry Association (ZPA) reports and Poultry Value Chain assessments conducted by IPVC, we now know that approximately two-thirds of broiler production is done by small to medium producers (SMPs) and one-third by large scale entities. For table eggs two-fifths of the production is done by large-scale producers while three-fifths are by the small-scale producers” said Project Team Leader, Joseph Matiza.

The dominant market channels for SMPs are the live-bird market channel and home-dressed chickens. In addition, the greatest consumption of poultry products is in high density suburbs, and these are also served by independent butcheries and supermarkets, besides the roadside vendors. Therefore, the live bird markets seek to pilot clean & decent physical markets that are sustainably run from user fees.” added Matiza.

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The live bird markets have a capacity of 1 584 birds and stainless tables for egg trays.



Figure 8: Deputy Minister of Lands, Agriculture, Fisheries and Rural Settlement cutting the ribbon at the Kwekwe live bird and egg official launch

Speaking at the official opening of the Kwekwe live bird and egg market on the 30th of November 2021, The Deputy Minister of Lands, Agriculture, Fisheries and Rural Resettlements; Vangelis Haritatos

said;

“I am glad the IPVC project is benefiting marginalized smallholder poultry farmers, with women representing the majority of the beneficiaries”.

He further alluded; “As we are currently commemorating the 16 days of activism against Gender Based Violence, this investment targeting small holder poultry producers has an effect of directly empowering the women folk and improving their economic resilience”.

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Figure 9: Director of Governance in the Office of the Provincial District Council Goromonzi Phyllis Fungai Banhwa officially launching the Domboshawa live bird and egg market

At the official launch of the Domboshawa live bird and egg market on the 15th of December 2021, the Director of Governance in the office of the Provincial District Council for Goromonzi, Phyllis Fungai Banhwa, while officially opening the market, went on to say;

“Women constitute the bulk of the poultry producers, with figures indicating that over 60% of the producers in poultry are women. This is a good indicator in line with the Government of Zimbabwe's thrust for women and youth inclusion in projects and programs”.

IPVC Project Team Leader, Joseph Matiza, speaking on the markets, added; “The facilities are set to bring poultry farmers close to the consumer market for more profits. Further, by providing decent and hygienic physical market spaces, the live birds and butchery markets help in ensuring better food safety for customers”.

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POINT OF LAY AND DRUG REVOLVING FUND FACILITY

Under the point of layer revolving facility (first

The live bird markets have a capacity of 1 584 birds and stainless tables for egg trays.

beneficiaries, 5722 point-of-lay birds were sold to all the project 5 clusters. At this point in time, most of the chickens are above 80% lay rate – statistics coming from Harare and Mutare Clusters. For second batch, the POL (around 1800 birds) were sold out by mid-September 2021.



Figure 10 Point of Lay delivery



Figure 11 Point of Lay bird

Furthermore, all PBAs have been making veterinary drugs accessible to farmers through the veterinary drugs bulk purchase.



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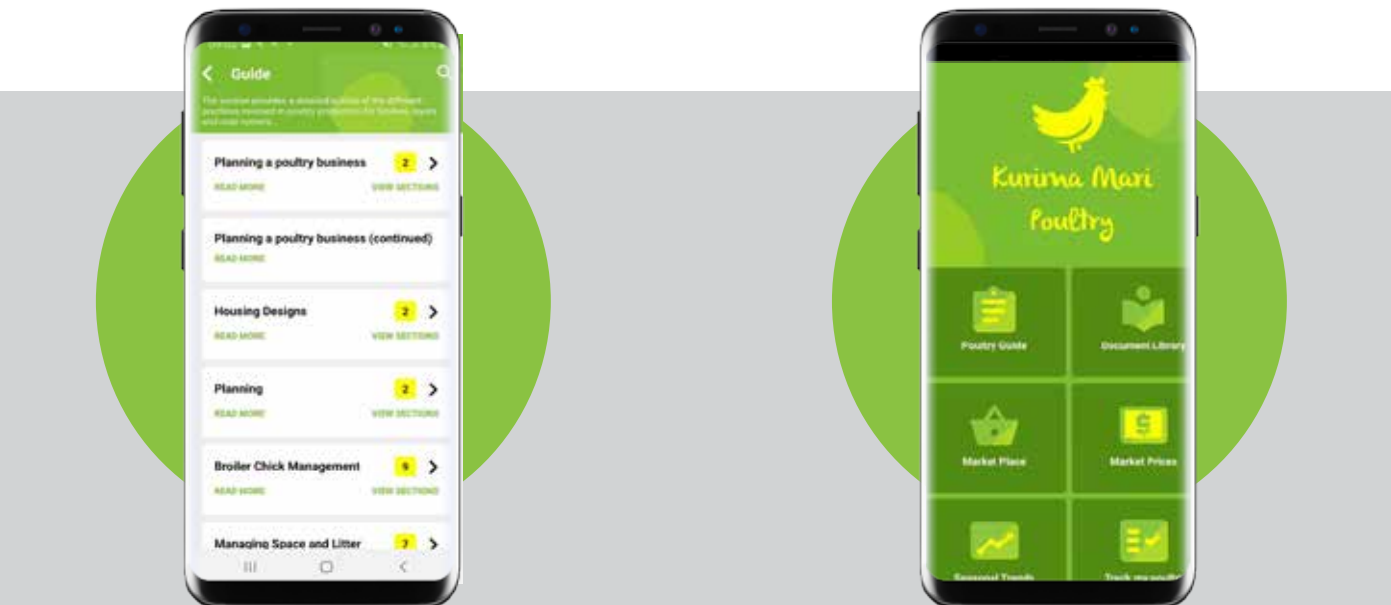


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ICT4D

Now more than ever E-extension has become a critical aspect of extension around the world, within IPVC the ICT4D department has been using different strategies to reach farmers using e-extension through our various digital solutions. To support this cause, the IPVC has distributed a total of 115 tablets within the 5 clusters in which the project is being implemented. These gadgets were given to Agritex and DVS staff to aid in their trainings and sharing information with poultry farmers



SMS EXTENSION

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EXTENSION APP

The Kurima Mari poultry App is a mobile extension application, currently we are reaching 2247 farmers through this platform. The app has modules on different poultry topics, continuous software upgrades are done on the app using the feedback we continuously get from users of the App.



ACCESS TO FINANCE



To date, 5 financial institutions have signed MOUs with IPVC and have given loans to a total of 363 SMPs across the five IPVC clusters during the first half of project life, prior to PBAs establishment. IPVC is preparing SMPs for financing relationships through ongoing financial literacy training using a Training of Trainers approach

across the PBAs.

IPVC has established a partnership agreement with NMB Bank Limited. The project provides technical capacity building to the Bank and its prospective SMP clients while the Bank facilitates access to finance through working closely with IPVC PBAs.

The IPVC project is capacitating both the Bank and the PBAs to develop sustainable financing relationships where individual SMPs and the PBAs as business entities will access financing facilities from NMB Bank Limited. NMB Bank Limited also capacitates SMP loan recipients and PBAs in banking literacy.



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KURIMA MARI POULTRY APP



GUIDE:

The poultry guide & documents feature has extensive explanations of the different processes involved in poultry production for different poultry types



MARKET PLACE:

Helps farmers to market their final poultry products & to browse other poultry products



TRENDS:

Helps farmers determine the supply & demand of poultry products to help in decision making



TRACKER:

Helps farmers record & track the progress of their flocks



STORE:

Mobile store allows farmers to shop for all their poultry needs online

DOWNLOAD ON
GOOGLE PLAY STORE



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MASVINGO

116/7 Rekai Tangwena St
0775 240 262

GWERU

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