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Animal husbandry mobile apps in transforming livestock farming

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Abstract

The livestock sector plays a significant role in India's economy, contributing 4.2% to the Gross Domestic Product and 25.6% to the Agricultural GDP. Livestock serves as a vital source of income and nutrition for rural households, particularly for disadvantaged populations, and is considered a more egalitarian asset than land. Meeting the growing domestic and global demand for livestock products requires improving production efficiency and quality consciousness. Information and Communication Technologies (ICTs), particularly mobile applications, have emerged as important tools for delivering extension and advisory services (EAS) to farmers, enabling better decision-making in livestock management. Mobile apps allow farmers to access livestock information, conduct transactions, and store data for easy retrieval. During events such as the COVID-19 pandemic, these apps provide critical support for self-management of livestock. Various government, private, and NGO initiatives have developed mobile apps to disseminate livestock-related information, facilitate communication among stakeholders, and enhance agricultural service delivery. Despite their advantages, adoption of mobile apps faces several challenges, including the need for digital literacy, language diversity, internet connectivity issues, content translation quality, affordability, and limited availability of regionally tailored applications. Compared to other sectors like health, the number and diversity of agricultural apps in India remain limited. This study highlights the potential of mobile applications in improving knowledge transfer, decision-making, and livestock productivity while identifying key barriers that need to be addressed to maximize adoption. Understanding these opportunities and challenges is crucial for policymakers, developers, and extension professionals aiming to enhance the efficiency and impact of digital tools in the livestock sector.

Keywords: Animal husbandry, livestock farming, mobile applications, ICT, extension and advisory services, digital agriculture, rural development, mobile apps adoption, India, livestock management

Introduction

Livestock sector plays a multi-faceted role in socio-economic development of rural households and contributes about 4.2 percent to the Gross Domestic Product and 25.6 percent to the Agricultural Gross Domestic Product in the country. Empirical evidences indicate that livestock is an important component of the Animal Husbandry system, providing an additional source of income and nutritional cover to a large section of the rural population, particularly the disadvantaged and poor households. The distribution of livestock, as a liquid asset to poor families, is more egalitarian as compared to land. However, the recent trend in livestock sector growth suggests that in order to meet the emerging demand for livestock based products, both in domestic and global markets, there is a need to reorient the production system by enhancing the efficiency and creating quality consciousness. Adhiguru^{et} argued that farmers are not only looking for various information sources for carrying out their production and marketing tasks efficiently but also for ensuring delivery of safe and quality products to the consumers. ICT based information delivery to livestock sector can significantly improve the quality of decision-making in livestock farming system.

Among ICTs, there has been increasing use of mobile phones which is changing the

agricultural communication process. The introduction of mobile phones has resulted in new services and applications. There are an increasing number of mobile apps providing access to Animal Husbandry and allied sector information. A mobile application is software on a mobile phone handset or tablet computer that enables a user to access specific information; make payments and other transactions; send messages; etc. The application (app) is downloaded (for free or for payment) from a wireless network from an online store and may require a live connection to function effectively. The main advantages of mobile apps for farmers are, easy to access information on farmers mobile. The information is stored in the mobile handset itself for easy access. The scope of mobile apps in offering EAS (Extension and Advisory service) is tremendous during COVID-19 pandemic situation. This will enable the farmers for self management of livestock in such disaster situations.

Government of India has launched a number of web and mobile based applications for dissemination of information on Animal Husbandry related activities, free of cost, for the benefit of farmers and other stakeholders. There are apps also developed by Veterinary institutions, private sector, NGOs. These apps are disseminating information from livestock research and extension to farmers and other stakeholders and facilitating exchange of information among stakeholders. The documentation of these mobile apps and evaluating their content and features is of immense importance for the farmers as it will provide guidance in choosing suitable app for getting need based reliable information for livestock farming. This will also assist the mobile app developers in designing new app or in modifying and improving their exiting mobile apps.

Farmers can easily access these portals through smart mobile phones. Through internet, they can get the information pertaining to current market prices and many crop related facts that can provide them more benefits. Worldwide most of the farmers, even in remote places have mobile phones. They can be equipped with targeted agricultural advice through text and voice message even without internet access. These timely delivered advisories at low cost provide improvement in farmers' practices for increasing agricultural income. Mobile apps also provide help to Government and private sector for distributing subsidies to farmers or managing the inventories of emergency input stocks in government storage facilities. It encouraged more data sharing between the private and public sectors in service of the public good. Country like India, where diversification in languages exists among farming community; regionally suitable mobile apps with information on soil, climate, nutrient management and input price could be effectively helpful (Inwood & Dale, 2019) ^[4]. Youth farmers' generations are very much stick to their mobile phones and therefore, information can very quickly reach through digital applications (Rose *et al.*, 2016) ^[5]. Mobile apps for Animal Husbandry help in acquiring knowledge and decision making. A range of mobile apps have been developed for the benefit of the farmers for improving information transfer efficiency and significantly impact Livestock business. This study categorized some of the commonly available Animal Husbandry apps for different purposes such as

Mobile Apps were categorized into the following in Animal Husbandry:

1. Central Government & State Government developed Apps

2. Indian Council of Agriculture Research (ICAR) developed Apps
3. State Agricultural Universities (SAU's) developed Apps
4. Dairy Co-operatives & Private Organizations developed Apps

Following are the major advantages of using mobile apps in Animal Husbandry sector:

1. Provides advisories through text and video messaging services.
2. Access to information on Management, Nutrition, etc which directly affect agricultural decision making.
3. Market intelligence through providing data on prices, quality and quantity of arrival of various agricultural commodities at different markets across the country.
4. Online monitoring and management of /livestock/poultry/fisheries etc is possible through mobile apps.
5. Provision of feedback from farmers and other stakeholders in different fields of agriculture.
6. Information on important machineries and equipments are easily accessible using these apps.
7. Mobile apps can be utilized for delivering services offered by Government to farmers in the form of inputs and subsidy distribution.
8. It can be used in management of irrigation systems in large field, sensor based farming, identification of different soil types etc.
9. It facilitates effective farm management by recording data, analyzing it and giving suitable recommendation for different enterprises.

Challenges of Using Mobile Apps in India

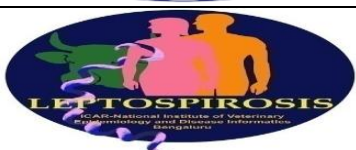
1. It requires skilled manpower to operate mobile apps for which digital literacy is must.
2. Diversity in language across the country makes it difficult to make apps in local languages.
3. The content requires translation at many stages which may affects its quality and reduce acceptability among farming community.
4. Better internet speed is required for using mobile apps. Many times in rural area, internet connection and speed is a major issue which affects mobile application services.
5. Farmers are not adequately equipped with required knowledge & skill to use mobile apps.
6. Many mobile apps are charging money for its use, therefore farmer may not afford paid services through these apps.
7. Lower adoption and use of mobile apps by farmer is a huge challenge and government must enhance digital literacy in order to resolve it.
8. Uneven digital access, low accuracy of data in apps, non-availability of content as per local need are important challenges in adopting mobile apps.
9. Numbers of agricultural applications are very limited compared to other sectors like health (Costopoulou *et al.* 2016) ^[3].
10. Diversity of agricultural applications are limited in India compared to USA or Brazil (Barbosa *et al.* 2020).
11. There are digital tools which provide live services to various agricultural solutions with charge, which farmers unwilling to pay (Bonke *et al.*, 2018) ^[2]

A) Central Government & State Government developed Apps

Institute	S. No	App Name	LOGO	LINK
Ministry of Fisheries Animal Husbandry and Dairying, New Delhi - National Dairy Development Board, Gujarat	1.	e-GOPALA		https://play.google.com/store/apps/details?id=coop.nddb.pashuposhan&hl=en_IN&gl=US
	2.	NDDB AGR		https://play.google.com/store/apps/details?id=com.iviewlabs.nddbar&hl=en_IN&gl=US
	3.	Dairy Husbandry Practices (Hi)		https://play.google.com/store/apps/details?id=coop.nddb.guidetoanimalhusbandry_hindi&hl=en_IN&gl=US
	4.	Dairy Husbandry Practices		https://play.google.com/store/apps/details?id=coop.nddb.guidetoanimalhusbandry&hl=en_IN&gl=US
	5.	Journey of Milk		https://play.google.com/store/apps/details?id=com.nddb.jom&hl=en_IN&gl=US
	6.	Story Of Milk A Cow's Tale (en)		https://play.google.com/store/apps/details?id=org.nddb&hl=en_IN&gl=US
	7.	Story Of Milk A Cow's Tale (hi)		https://play.google.com/store/apps/details?id=org.nddb.storyofcow.hindi&hl=en_IN&gl=US
	8.	INAPH In-Breeding Check		https://play.google.com/store/apps/details?id=coop.nddb.inaph.in_breeding_check&hl=en_IN&gl=US
	9.	Pashu Poshan		https://play.google.com/store/apps/details?id=coop.nddb.pashu_poshan&hl=en_IN&gl=US

National Information Centre, New Delhi	1.	Kisan Rath		https://play.google.com/store/apps/details?id=com.velocis.app.kishan.vahan&hl=en_IN&gl=US
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A) Indian Council of Agriculture Research developed (ICAR) Apps

Institute	S. No	App Name	LOGO	LINK
Indian Council of Agriculture Research, New Delhi	1.	KISAAN		https://play.google.com/store/apps/details?id=net.mobile.icar.kisaan
	2.	ICAR Technologies		https://play.google.com/store/apps/details?id=gov.krishi.icar.technologyrepository
Central Institute for Research on Goats, Makhdoom	1.	Bakrimitra (ICAR - CIRG)		https://play.google.com/store/apps/details?id=com.cirg.bakrimitra&hl=en_IN&gl=US
	2.	CIRG - Goat Farming (बकरी पालन / வெள்ளாடு/ ஆடு)		https://play.google.com/store/apps/details?id=com.cirg.goatfarming&hl=ta&gl=US
	3.	AI in Goats(बकरी गर्भाधान सेतु)		https://play.google.com/store/apps/details?id=com.goat_incimation&hl=en_US&gl=US
	4.	Goat Products(बकरी उत्पाद/ வெள்ளாட்டு பொருட்கள்)		https://play.google.com/store/apps/details?id=com.cirg.goatproducts&hl=ta&gl=US
Directorate of Poultry Research, Hyderabad	1.	ICAR DPR App		https://play.google.com/store/apps/details?id=com.webfarmatics.icar&hl=en_IN&gl=US
National Institute on Veterinary Epidemiology and Disease Informatics, Bangalore	1.	AINP-GIP		https://play.google.com/store/apps/details?id=info.nivedi.gip&hl=en_IN&gl=US
	2.	Leptospirosis		https://play.google.com/store/apps/details?id=com.nivedi.leptospirosis&hl=en_IN&gl=US

	3.	LDF		https://play.google.com/store/apps/details?id=info.androidhive.ldf&hl=en_IN&gl=US
Central Institute of Research on Buffaloes, Hisar	1.	ICAR-CIRB Bhains Janan (Buffalo Reproduction) App		https://play.google.com/store/apps/details?id=com.cirb&hl=en_IN&gl=US
	2.	ICAR-CIRB Bhains Poshahar (Buffalo Nutrition) App		https://play.google.com/store/apps/details?id=com.cirb.buffaloposhahar&hl=en_IN&gl=US
	3.	ICAR-CIRB Bufelth		https://play.google.com/store/apps/details?id=com.cirb.buffhealth&hl=en_IN&gl=US
Indian Veterinary Research Institute, Izathnagar	1.	IVRI-Pig Farming App (शूकर पालन)		https://play.google.com/store/apps/details?id=com.icar.ivri.pig_app&hl=hi&gl=US
	2.	IVRI- Waste Management Guide App		https://play.google.com/store/apps/details?id=com.icar.ivri.iasri.wmapp&hl=en_IN&gl=US
	3.	IVRI - Artificial Insemination App		https://play.google.com/store/apps/details?id=com.ivri.iasri.aiapp&hl=en_IN&gl=US
	4.	IVRI- Biosecurity and Biosafety (Jaiv Suraksha) App		https://play.google.com/store/apps/details?id=com.icar.ivri.iasri.biosecurity&hl=en&gl=US
	5.	IVRI-Dairy Manager App (डेयरी मैनेजर)		https://play.google.com/store/apps/details?id=com.ivri.iasri.dmapp&hl=hi&gl=US
	6.	IVRI-Disease Control (रोग नियंत्रण एप) App		https://play.google.com/store/apps/details?id=com.icar.ivri.iasri.diseasecontrolapp&hl=hi&gl=US
	7.	IVRI - Landlly Pig App		https://play.google.com/store/apps/details?id=com.ivri.iasri.landlypig&hl=en_IN&gl=US

	8.	IVRI-Animal Reproduction App(पशु प्रजनन)		https://play.google.com/store/apps/details?id=com.mraaapsjd.akmu.pasujanapp&hl=hi&gl=US
	9.	बाजरा संकर नेपियर(B-N Hybrid): कम लागत पर हरा चारा		https://play.google.com/store/apps/details?id=in.nic.ivri.agapp&hl=hi&gl=US
	10.	IVRI - Pig Ration (शूकर राशन) App		https://play.google.com/store/apps/details?id=icar.iasri.ivri.pigratation&hl=hi&gl=US
	11.	IVRI-Technologies & Services App तकनीकी एवम सेवाएं		https://play.google.com/store/apps/details?id=com.icar.ivri.iasri.ivritechnologiesandservicesapp&hl=hi&gl=US
	12.	IVRI-Vaccination Guide App(टीकाकरण गाइड)		https://play.google.com/store/apps/details?id=com.icar.ivri.iasri.vcguideapp&hl=hi&gl=US
	13.	IVRI-Veterinary Clinical Care App पशु चिकित्सा सेवा		https://play.google.com/store/apps/details?id=com.icar.ivri.iasri.veterinaryclinicalcareapp&hl=hi&gl=US
	14.	IVRI-Zoonoses App (ज़ूनोसेस एप्प)		https://play.google.com/store/apps/details?id=com.icar.ivri.iasri.zoonosesapp&hl=en_US&gl=US
	15.	पशुओं में परजीवी नियंत्रण		https://play.google.com/store/apps/details?id=in.res.ivri.parainfo&hl=hi&gl=US
	16.	Organic Livestock Farming		https://play.google.com/store/apps/details?id=in.ivri.res.olfapp&hl=en_IN&gl=US
ICAR-Indian Statistical Research Institute, New Delhi	1.	KVK Mobile App		https://play.google.com/store/apps/details?id=com.icar.iasri.kvkapp&hl=en_IN&gl=US
	2.	NIBLD		https://play.google.com/store/apps/details?id=net.iasri.nibld&hl=en_IN&gl=US

Central Sheep and Wool Research Institute, Avikanagar	1.	Avimitra		https://play.google.com/store/apps/details?id=com.variablessoft.avimitra&hl=en_IN&gl=US
KVK Karur, Karur	1.	Cattle Fertility App		https://play.google.com/store/apps/details?id=com.designexperts.cow_fertility&hl=en&gl=US
National Research Centre on Meat, Hyderabad	1.	Meat App		https://play.google.com/store/apps/details?id=in.gov.icar.nrcmeat&hl=en_IN&gl=US
National Research Centre on Mithun, Nagaland	1.	Mithun-mitra App		https://appagg.com/android/education/mithun-mitra-34175867.html?hl=en
National Institute on Animal Nutrition and Physiology, Bangalore	1.	Feed Chart App		https://play.google.com/store/apps/details?id=com.borne.root.nianp_feedchart&hl=en_IN&gl=US
	2.	ICAR-NIANP Smart Tools		https://apkpure.com/icar-nianp-smart-tools/com.feedformulation
National Institute on High Security Animal Diseases, Bhopal	1.	Bird Flu se Suraksha App		https://play.google.com/store/apps/details?id=com.action.birdflu&hl=en_IN&gl=US
Indian Grassland and Forage	1.	Fodder & Range Grasses		https://play.google.com/store/apps/details?id=com.frgapp.app&hl=en_IN&gl=US

Research Institute - All India Coordinated Research Project, Jhansi	2.	Forage India		https://play.google.com/store/apps/details?id=inforage_india.res.httpaicrponforagecrops.forageindia&hl=en_IN&gl=US
	3.	Forage Seed		https://play.google.com/store/apps/details?id=com.aicrpforageseed.app&hl=en_IN&gl=US
National Bureau of Animal Genetic Resources of India, Karnal	1.	Animal Genetic Resources of India (AGRI-IS) App		https://play.google.com/store/apps/details?id=localhost.angrapp&hl=en_IN&gl=US
Central Avian Research Institute, Izathnagar	1.	ICAR CARI App		https://play.google.com/store/apps/details?id=com.cari.egg
National Research Centre on Equine, Hisar	1.	Infoequine App		https://play.google.com/store/apps/details?id=info.ncre&hl=en_IN&gl=US
National Research Centre on Pig, Assam	1.	Swine App		https://play.google.com/store/apps/details?id=com.icar.actech.swineapp&hl=en_IN&gl=US
	2.	Swine Summer Stress App		https://play.google.com/store/apps/details?id=com.kgec.swinesummerstress&hl=en_IN&gl=US
	3.	African Swine Fever Hindi App		https://play.google.com/store/apps/details?id=com.kgecicar.africanswinefeverhindi&hl=en&gl=US

	4.	African Swine Fever App		https://play.google.com/store/apps/details?id=com.kgec.africanswinefever&hl=en_IN&gl=US
National Dairy Research Institute, Karnal	1.	Dairy Animal Reproduction		https://play.google.com/store/apps/details?id=ndri.dmishant.animalreproduction&hl=en_IN

B) State Agricultural Universities developed (SAU's) Apps

Institute	S. No	App Name	LOGO	LINK
Acharya NG Ranga Agricultural University, Guntur	1.	Pashu Poshan App		https://play.google.com/store/apps/details?id=com.angrau.pasuposhan&hl=en_IN&gl=US
	2.	KVK -Agri tech ATP		https://apppage.net/preview/org.kvkagriatp.kvkagriapp
Sri Venkateswara Veterinary University, Tirupathi	1.	Dairy Cattle Ration Formulator		https://play.google.com/store/apps/details?id=ratio_n_formulation.feed_ratio_n_latest&hl=en_IN&gl=US
Tamil Nadu Agricultural University, Coimbatore	1.	Cattle Expert System Tamil		https://play.google.com/store/apps/details?id=com.cdac.tnau_cattle_tamil&hl=en_US&gl=US
	2.	Cattle Expert System		https://play.google.com/store/apps/details?id=com.cdac.tnau_cattle_eng&hl=en_IN&gl=US
Tamil Nadu University Veterinary and Fishery Sciences, Chennai	1.	Training Calendar		https://play.google.com/store/apps/details?id=com.tanuvas.tanuvas&hl=en_IN&gl=US

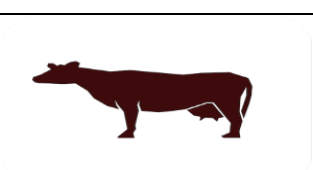
	2.	Feed Calculator		https://play.google.com/store/apps/details?id=com.codingtown.cow&hl=en_IN&gl=US
	3.	TANUVAS - VETDERMATOPATHOLOGY		https://play.google.com/store/apps/details?id=com.tanuvas.vetdermatopathology&hl=en_IN&gl=US
	4.	TANUVAS - Sheep and Goat Farming		https://play.google.com/store/apps/details?id=tanuvas.ac.in.sheepandgoatmobileapp&hl=en_IN&gl=US
	5.	Zoonoses - TANUVAS		https://play.google.com/store/apps/details?id=com.tanuvas.zoonoses&hl=en_IN&gl=US
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana	1.	PRECISION DAIRY FARMING		https://play.google.com/store/apps/details?id=in.gadvasu.livestockhusbandry&hl=en_IN&gl=US
	2	Dairy Prajnan		https://play.google.com/store/apps/details?id=dairyprajnan.gadvasu.in.dairyprajnan&hl=en_IN&gl=US
	3	Pig Farming		https://play.google.com/store/apps/details?id=org.gadvasu.pigfarming&hl=en_IN&gl=US
	4.	Goat Farming		https://play.google.com/store/apps/details?id=org.gadvasu.goatfarming&hl=en_IN&gl=US
Dau Shri Vasudev Chandrakar Kamdhenu Vishwavidyalaya, Chhattisgarh	1.	CGKV App		https://play.google.com/store/apps/details?id=com.om.kamdhenu.cgkvapp&hl=en_IN&gl=US

West Bengal University of Animal and Fishery Sciences, Kolkata	1.	MUUK		https://play.google.com/store/apps/details?id=com.app.wbuafs.muuk&hl=en&gl=US
	2.	Jalpaiguri KVK		https://play.google.com/store/apps/details?id=org.app.wbuafs.jalpaigurikvk&hl=en_IN
	3.	North 24Pgs KVK		https://play.google.com/store/apps/details?id=org.app.wbuafs.north24pgskvk&hl=en&gl=US
	4.	Murshidabad Krishi		https://play.google.com/store/apps/details?id=org.app.wbuafs.murshidabadkrishi&hl=en_IN&gl=US
Sri Karan Narendra Agriculture University, Jobner	1.	KVK Ajmer		https://play.google.com/store/apps/details?id=com.kvkajmer

C) Dairy Co-operatives & Private Organizations developed Apps

Institute	S. No	App Name	LOGO	LINK
Bharatiya Agro Industries Foundation, Pune	1.	BAIF-HF		https://play.google.com/store/apps/details?id=com.synergyconnect.baifhf&hl=en&gl=US
	2.	Godhan Seva by mKRISHI®		https://play.google.com/store/apps/details?id=com.tcs.baif.mkrishi&hl=en_IN&gl=US
	3.	BAIF Pashudhan Mitra by mKRISHI®		https://play.google.com/store/apps/details?id=com.tcs.pashudhan.mkrishi&hl=en_IN&gl=US

Gujarat Cooperative Milk Marketing Federation (GCMMF), Gujarat	1.	Amul Farmers App		https://play.google.com/store/apps/details?id=com.prompt.ma.maapplicationfinalAmul&hl=en_IN&gl=US
	2.	Amul Pashu Seva		https://play.google.com/store/apps/details?id=com.amuldairy.amulaimemberapp&hl=en_IN&gl=US
Jayalakshmi Agro Tech, Hagaribommanahalli	1.	Dairy Kannada		https://play.google.com/store/apps/details?id=com.agri.dairy&hl=en&gl=US
	2.	Fodder Kannada		https://play.google.com/store/apps/details?id=com.agri.fodder&hl=en_US&gl=US
Jaitrasri infotech Hyderabad	1.	PoultryApp		https://play.google.com/store/apps/details?id=com.poultryapp.www&hl=en_IN&gl=US
Tamilnadu Co-operative Milk Producers' Federation Ltd, Chennai.	1.	Madurai Aavin Field Work / Inspection App		https://play.google.com/store/apps/details?id=com.aavininspect&hl=en_IN&gl=US
Heritage, Hyderabad	1.	Heritage VET+		https://m.apkpure.com/heritage-vet/com.heritagevetplus
Mobility appz, Indore.	1.	Krishi Vigyan in Hindi (किसान के लिए उपयोगी)		https://play.google.com/store/apps/details?id=com.it.krishivigyan&hl=en_IN
Nithra Apps India Private Limited, Tamilnadu.	1.	Uzhavan Maadu - உழவன் மாடு		https://play.google.com/store/apps/details?id=nithra.tamil.madu.cattle.cow.breeding&hl=ta&gl=US

Wiki Kids Limited, Hyderabad	1.	Animal Husbandry		https://play.google.com/store/apps/details?id=wwk.wikikids.com.animalhusbandry&hl=en_IN&gl=US
MJM Design, Karnataka	1.	Animal Husbandry Livestock		https://play.google.com/store/apps/details?id=com.ls.livestock&hl=en&gl=US
Pashupalan	1.	Pashupalan (पशुपालन/पशुपालन)		https://play.google.com/store/apps/details?id=com.animalhusbandry&hl=gu&gl=US
पशु मेला - Animall, Karnataka	1.	गाय भैंस wala पशुमेला		https://play.google.com/store/apps/details?id=in.animall.android&hl=hi&gl=US
कृषिफाई : एग्रीकल्चर नेटवर्क ऍप - मेड इन इंडिया, Haryana	1.	Pashu Mela App - Gaay Bhains ki Kharid Bikri		https://play.google.com/store/apps/details?id=krishify.animal.pashu.mela&hl=en_SG&gl=US
Safasha Business Solution's, Lahore	1.	Cattle Market Management System (CMMS)		https://play.google.com/store/apps/details?id=com.safashabusinesssolution.cattlemarketcompany&hl=en_US&gl=US
Bigsys infotech pvt. Ltd, Uttar Pradesh	1.	PASHU MANDI		https://play.google.com/store/apps/details?id=com.pashu_mandi.pashu_mela.pashu_bazaar.market&hl=en_IN&gl=US
Ma Narmada Dudh Dairy, Madhya Pradesh	1.	Pashu Bazar		https://play.google.com/store/apps/details?id=com.yogiksoft.pashu&hl=en_IN&gl=US
RNBV APPS, Vijayawada	1.	Pig Master - A Guide App for Pig Farming		https://play.google.com/store/apps/details?id=com.rnbvandroidapps.pigapp&hl=en_IN&gl=US

Conflict of Interest

Not available

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References

1. Barbosa JZ, Prior SA, Pedreira GQ, Motta ACV, Poggere GC, Goularte GD. Global trends in apps for agriculture. *Multi-Science Journal*. 2020;3(1):16-20.
2. Bonke V, Fecke W, Michels M, Musshoff O. Willingness to pay for smartphone apps facilitating sustainable crop protection. *Agronomy for Sustainable Development*. 2018;38(5):1-10.
3. Costopoulou C, Ntaliani M, Karetos S. Studying mobile apps for agriculture. *IOSR Journal of Mobile Computing and Application*. 2016;3(6):44-49.
4. Inwood SEE, Dale VH. State of apps targeting management for sustainability of agricultural landscapes: A review. *Agronomy for Sustainable Development*. 2019;39(1):8.
5. Rose DC, Sutherland WJ, Parker C, Lobley M, Winter M, Morris C. Decision support tools for agriculture: Towards effective design and delivery. *Agricultural Systems*. 2016;149:165-174.
6. World Bank. Mobile applications for rural development. By Christine Zhenwei Qiang, Siou Chew Kuek, Andrew Dymond, and Steve Esselaar. Washington, DC: World Bank; 2012.

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