

**PROFILE IN RESPECT OF DR.N.SAVINO**  
**Department of LPM,NU,SASRD,Medziphema**

**Name:** Dr.N.Savino  
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**Contact address :** Department of Livestock Production and Management. School of Agricultural Sciences and Rural Development Nagaland University,Medziphema Campus.Nagaland  
**Contact No.** 9436004335  
**Date of joining the Institution :** 17<sup>th</sup> May 1996

**Educational qualification:**

<b>Name of Degree</b>	<b>Subject Specialization</b>	<b>Name of Institution</b>	<b>Year of Completion</b>
Bachelor of Science in Agriculture (Honours in Animal Sciences)	Agriculture subjects with Animal Science as Honours	Punjab Agricultural University, Ludhiana,Punjab	1988
M.Sc.	Livestock Production and Management	Punjab Agricultural University, Ludhiana,Punjab	1992
Ph.D.	Livestock Production and Management in Dairying	National Dairy Research Institute, Karnal,Haryana	2002

**Academic experience :** Teaching B.Sc. Ag. students since 1992  
Teaching M.Sc. students since 2002  
Teaching and guiding Ph.D since 2006

**Research areas:** Carrying out research on different aspects of Production and Management in different species of domestic animals such as Pig, Poultry and Mithun.

**Teaching areas** LPM subjects

### Publication of Journals

Sr.No	Author(s)	Year of publication	Title	Name of journal	Vol & page no.
1	Vidyarthi, V.K.; Zuyie, R.; Nizamuddin; <b>Savino, N.</b> and Sharma, V.B.	2011	Influence of dietary antioxidant on the performance of broilers	Indian Veterinary Journal	88 (3):51-52
2	Vidyarthi, V.K.; Zuyie, R.; <b>Savino, N.</b> and Sharma, V.B	2011	Effect of dietary selenium supplementation on performance of broiler chickens	Indian Journal of Animal Production and Management	27(1-2): 91-93
3	Vidyarthi, V.K.; Zuyie, R.; <b>Savino, N.</b> and Sharma, V.B.	2011	Performance of broilers on diet supplemented with SEL-VIT E as an antioxidant	Indian Journal of Animal Production and Management	27 (3-4): 222-224
4	Tzudir,I.; <b>Savino,N.</b> and Das, K.C	2012	Carcass characteristics and meat quality of cross bred pigs fed on different levels of tapioca (Manihot esculenta) root meal	Indian Journal of Animal Science	82 (10): 134- 136
5	Tzudir,I.; <b>Savino,N.</b> and Das,K.C	2012	Effect of replacement of maize with tapioca (Manihot esculenta) root meal on the performance of growing cross bred pigs	Livestock Research for Rural Development	24 (11):1-10
6	Zaman,G.; Chandra Shekher,M.; Nath,M.K.; Kiba,H.Z and <b>Savino,N</b>	2014	Molecular characterization of Votho pigs from Nagaland using microsatellite markers	Indian Journal of Animal Sciences	84(10): 1137-1139
7	Bora, B.; <b>Savino, N.</b> ; Baruah, K.K.; Mukherjee, A. and Perumall, P	2015	Effect of Cyopreservation on Apoptosis of Mithun's spermatozoa	Indian Veterinary Journal	92(2): 66-68
8	<b>Savino,N.</b> ; Z.Chusi and P Perumal	2015	Effect of sex on growth parameters of Naga Local Pig	Indian Journal of Animal Production and Management	31 (1-2) 78-81
9	Singh, N.M.; <b>Savino,N</b> and M.Dhaneswar Singh	2015	Growth analysis of swine production in Manipur	Indian Journal of Animal Production and Management	31 (3-4) 13-16
10	Chusi,Z.; <b>Savino,N.</b> ; Dhali,A and P Perumal	2015	Phenotypic morphometric parameters of indigenous pig of Nagaland.	Indian Journal of Animal Sciences	85(12): 1334-1337
11	Singh,N.M.; <b>Savino,N</b> and Singh,M.D	2015	Mortality rate of pigs at different stages of life	The north-east veterinarian	15 (3): 19-21
12	<b>Savino,N.</b> , Chusi,Z and Perumal, P		Growth Performance of Naga Indigenous Pig	The Indian Veterinary	93 (05): 19-21

				Journal	
13	Singh N.M.; <b>Savino,N.</b> ; Singh, M.D.; Kumar.M and Devi, A.A	2016	Impact of Entrepreneurship on Economic Growth of Farmers in Manipur	Indian Journal of Extension Education	52, (No. 1 and 2):27-30
14	Perumal,P.; Chang,S.; Sangma,C.T.R.; <b>Savino,N</b> and Khate,K	2016	Effect of Melatonin on Mobility and Velocity parameters of Mithun (Bos frontalis) semen preserved in liquid state (5°C)	Journal of Experimental Biology and Agricultural Sciences	4(Spl-3- ADPCIA)
15	Borkotoky,D.;Perumal,P.;C hang,S.; Brijesh,K.; <b>Savino.N</b> and Sangma,C.T.R	2016	Dystocia due to fetal maldisposition and malpresentation in Nagaland Mithun (Bos frontalis)	Journal of Experimental Biology and Agricultural Sciences	4(Spl-3- ADPCIA D)
16	Chusi,Z.; <b>Savino,N.</b> ;Dhali,A and Perumal,P	2016	Reproductive attributes of local pig (Votho) of Nagaland State	Indian Journal of Animal Research	50(6): 862-866
17	Singh N.M.; <b>Savino,N.</b> ; Singh, M.D and Kumar,H	2016	Study on Reproductive traits of crossbred Pigs in the rural areas of Manaipur	The Indian Veterinary Journal	93(09): 11-13
18	Perumal,P.; <b>Savino,N.</b> ;Sang ma,C.T.R.; Chang,S.; Sangtam,T.Z.T.; Khan,M.H.; Singh, G.; Brijesh Kumar.; Yadav,D and Srivastava, N.	2017	The effect of season and age on scrotal circumference, testicular parameters and endocrinological profiles in Mithun bulls	Theriogenology	96: 23-29

Published Research Abstract//Article:

1. **Savino,N.** and S.C.Gupta (2004). Space requirement of lactating Murrah buffaloes under stanchion system. Published in Proceedings of National Seminar on “ Economic Feeding and Rearing of Buffaloes under different Agro-climatic regions held at Indian Grassland and Fodder Research Institute, Jhansi, 12-13 March,2004. Abstract No. 81. P. 94.
2. Vidyarthi, V.K.; Zuyie, R.; **Savino, N.**; Nizamuddin; Rutsa, C. and Sharma, V.B.(2007). Effect of exogenous enzyme supplementation on the economic of broiler chicken in Nagaland. In: International Tropical Animal Nutrition Conference-TROPNUTRICON-2007 on October 4-7, 2007 at N.D.R.I. Karnal.No.MG-45.
3. Vidyarthi, V.K.; Zuyie, R.; **Savino, N.**; Nizamuddin; Rutsa, C. and Sharma, V.B.(2007).Performance of broiler chicken as influenced by the diet supplemented with enzyme. In: International Tropical Animal Nutrition Conference-TROPNUTRICON-2007 on October 4-7, 2007 at N.D.R.I. Karnal.No.MG-46.
4. Tzudir,I, **N.Savino**, V.K.Vidyarthi, Amod Sharma and K.C.Das (2010). Effect of replacement of maize with tapioca (*Manihot esculenta*) on the performance of growing crossbred pigs. Published in Proceedings of V11 Biennial conference of Animal Nutrition Association held at

Orissa University of Agricultural & Technology, Bhubaneswar 17-19 December 2010.  
Abstract No. 203. P. 203.

5. Bhaskar Bora, K.K.Baruah, **N.Savino**, A.Mukherjee, C.Rajkhowa and P.Perumal (2014).  
A study on the effect of cryopreservation on apoptosis of mithun (*Bos frontalis*) bull spermatozoa. In: Proceeding of National Seminar on “ Emerging Challenges and Prospective Strategies for Hill Agriculture in 2050” organized by Indian Association of Hill Farming in collaboration with ICAR Research Complex for NEH Region, Nagaland Centre, Jharnapani, Medziphema-797106, Nagaland from January 23-25 2014. Abstract No.T503. P.186.
6. Perumal.P, Brijesh Kumar,S.K.Srivastava, N.Srivastava, **N.Savino**, K.Khate, K.Vupru, M.Veeraselvam and C.Rajkhowa(2014).  
Effect of in vitro incubation of buffalo (*Bubalus bubalis*)follicular fluid on physico morphological attributes of mithun (*Bos frontalis*)spermatozoa submitted during National Symposium on Research and Innovation to improve animal fertility and fecundity and XXX Annual Convention of ISSAR,22-23November, 2014 organized by Department of Obstetrics & Gynaecology,College of Veterinary Science and A.H. U.P.Pt.Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansathan, Mathura-281001 Uttar Pradesh.
7. Perumal.P, K.K.Baruah, A.Mukherjee, S.Mukherjee, N. Srivastava, **N.Savino**, K.Khate, K.Vupru, and C.Rajkhowa(2014)  
Effect of Unilateral Cryptochidism on Mobility and Velocity Parameters of Sperm in mithun (*Bos frontalis*) Semen submitted during National Symposium on Research and Innovation to improve animal fertility and fecundity and XXX Annual Convention of ISSAR,22-23November, 2014 organized by Department of Obstetrics & Gynaecology,College of Veterinary Science and A.H. U.P.Pt.Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansathan, Mathura-281001 Uttar Pradesh.

**Other publication :** Monograph on “**Goat Germplasm of Nagaland State**”. Authored by Verma,N.K.; Aggarwal,R.A.K.; Savino,N.; Shivahre,P.R and Sharma Arjava. Published by ICAR-National Bureau of Animal Genetic Resources. Monograph No.101/ 2017 ISBN:978-93-83537-33-4.

### Handling of research/development project/Consultancy

Sr.No	Title of project	Funding agency	Duration	Completed/ongoing
1.	Acted as Co-operating scientist for the project “ Livelihood improvement and empowerment of rural poor through sustainable farming systems in Mon,Nagaland”Component-III of NATP	World bank	2008 to 2014	Completed
2.	Acted as External Reviewer for the project entitled “Enhancing Livelihoods through Community Based Piggery in Nagaland”	Navajbai Ratan Tata Trust.	June 2014	Completed
3.	All India Coordinated Project on Pig (AICRP on Pig)	ICAR	As Scientist incharge from 2008-09 to 2012 (3½ years)	On going project
4.	“Establishment of Modern Dairy Farm” in SASRD, Department of Livestock Production and Management	GOI,Ministry of Development of North Eastern Region, North East Council, Shillong.	With effect from 2016-2017	Under execution

### Research guidance

Sr. No.	Topic of thesis	Name of student	Degree	Year of award
1.	Studies on growth and reproductive performance in indigenous pigs under the traditional system of management.	Zasekuolie Chusi	M.Sc. (Ag)	2009
2	Effect of replacement of maize with Tapioca root (Manihot esculenta) as energy source on the performance of growing pigs”.	Imo Tzudir	M.Sc. (Ag)	2011
3	Circadian rhythm in endocrinological and biochemical profiles and haematological profiles in Mithun (Bos frontalis) bulls during summer and autumn.	Tsarila Z.T. Sangtam	M.Sc. (Ag)	2017
4	Study on dietary inclusion of Azolla powder on performance of broiler chicken.	Drusilla Rengma	M.Sc. (Ag)	2018
5	Effect of dietary supplementation of Aloe vera powder as a feed additive on the performance of broiler chicken.	Jongpongrenla Jamir	M.Sc. (Ag)	2018
6.	Performance of broiler chicken on diet supplemented with Black pepper powder.	Vineituono Dozo	M.Sc. (Ag)	Continuing
7.	Studies on cryopreservation of Mithun	Bhaskar Bora	Ph.D.	2014

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8.	Studies on status of pig farming in rural areas of Senapati district of Manipur.	Muhindro Singh	Ph.D.	2015
9.	Studies on body condition score on Mithun as a management tool for modern livestock farm.	Tsarila Z.T.Sangtam	Ph.D.	continuing

**Seminar / Conference/Workshop attended:**

<b>Sr. No</b>	<b>Seminar / Conference/Workshops attended</b>	<b>Organized by</b>	<b>Sponsoring authority</b>	<b>Date</b>
1.	National Seminar on “ Economic Feeding and Rearing of Buffaloes under different Agro-climatic regions.	Indian Society for Buffalo Development. Indian Grassland and Fodder Research Institute, Jhansi	ICAR	12 <sup>th</sup> and 13 <sup>th</sup> March,2004.
2.	Seminar on “Economic Development in Nagaland-Prospects and Constraints”	Nagaland University Teachers’ Association	Nagaland University	3 <sup>rd</sup> and 4 <sup>th</sup> Dec 2005
3.	International Buffalo Conference on Optimising Buffalo Productivity Through conventional and Novel Technologies.	Indian Society for Buffalo Development.	ICAR	1 <sup>th</sup> to 4 <sup>th</sup> February 2010
4.	Workshop on “Promotion of Biotechnology in the eastern region to benefit ST/SC, poor people & women”	Socio Cultural Development Centre, Odisha in Collaboration with Dept. of Geology, Utkal University,Odisha	Govt of India	23 <sup>rd</sup> & 24 <sup>th</sup> November 2013
5.	Regional Seminar on “Bovine Breeding Activities”	Nagaland State Dairy Co-operative Federation Ltd,Kohima.	Govt of Nagaland	13 <sup>th</sup> and 14 <sup>th</sup> Feb.2014
6.	Workshop on “Capacity enhancement on communication and team building”2	NUTA,Medziphema SASRD,Nagaland University	ICAR	27 <sup>th</sup> and 28 <sup>th</sup> March 2014.
7.	Brain Storming Session on Developing of Bankable Scheme for Mithun farming and other related issues”	ICAR-NRC on Mithun, Medziphema, Nagaland	ICAR	16 <sup>th</sup> Sept.2016
8.	Brain Storming Session on Animal Genetic Resources of Nagaland	Dept. of A.H. & Vety Sciences and Nagaland Livestock Development Board in collaboration with National Bureau of Animal Genetic Resources (ICAR-NBAGR)	Govt of India	18 <sup>th</sup> Nov 2016

**Training/Sumer-Winter School Attended**

<b>Sr.No</b>	<b>Training/Workshop/Sumer-Winter School Attended</b>	<b>Organized by</b>	<b>Sponsoring authority</b>	<b>Date</b>
1.	NARP Phase-2 training on Animal Production and Management,	Central Institute for Research on Buffaloes	ICAR	5 <sup>th</sup> May to 27 <sup>th</sup> May 1995
2.	Intensive Integrated Farming System	ICAR Research Complex for NEH Region,Umiam,Meghalaya	ICAR	15 <sup>th</sup> Sep to 5 <sup>th</sup> Oct 2005
3	Semen Preservation and Artificial Insemination in Swine.	Animal Production Division, ICAR Research Complex for NEH Region,Umiam,Meghalaya	ICAR	18 <sup>th</sup> to 22 <sup>nd</sup> June 2007
4.	IT-Based Decision Support System for Digital Content Management	National Academy of Agricultural Research Management, Hyderabad	ICAR	19 <sup>th</sup> to 28 <sup>th</sup> August 2008
5	ICAR-Short course on Advanced Molecular and Bioinformatics Approaches for Genome Characterization of Indigenos Animal Genetic Resources	National Bureau of Animal Genetic Resources Karnal	ICAR	1 <sup>st</sup> to 10 <sup>th</sup> December 2014

Signature