

OFT (Animal Science)

Sl. No.	Year	Title	Results
1	2008-09	Supply of creep ration to the pre-weaned Piglet	Piglet gain body weight from 1.9 kg at 1 month to 8.5-9.0 kg after attaining 56 days of age. Increase growth rate by 20-30%. B:C 1.32
	2008-09	Supplementation of Mineral mixture to Pig	BCR 2.0 vs. 1.30
2	2008-09	Low cost feeding with locally available feed ingredients	
3	2008-09	Control of piglet anemia by iron supplementation	Piglet mortality reduced 85% and body weight gain increase by 25%
4	2008-09	Prevention of Anoestrus of dairy Cattle by using Mineral mixture to reduce inter-calving period	BCR= 1.0, Anoestrus was resolve and cow become pregnant
5	2009-10	Introduction of small scale intensive system Poultry farming	BCR=2.38
6	2012-13	Effect of growth and reproductive performance of crossbreed Pig feeding with balance diet	at 4 months of age body weight gain was 30% higher than the local Pig
7	2012-13	Demonstration of CB Hampshire Pig	Growth rate increase by 30%
8	2013-14	Introduction/Synchronization of oestrus for augmenting reproductive efficiency of dairy Cattle	100% heat observed
9	2013-14	Balance feeding trial 1 month prior to and 2 months after farrowing in sow	Increase birth wt decrease mortality of Piglets BCR = 2:3:1
10	2014-15	Production of high yielding multicut fodder variety for dairy cow – Oat var.-JHO-851	Green fodder yield 94.25q/ha BCR:1.81:1.0
11	2014-15	Multicut Sorghum fodder var. CSH-24 MF	Plant Height – 154.33 cm Fodder yield – 250.17 q/ha BCR:3.98:1.0
12	2014-15	Single cut Sorghum Fodder var. CSV-21 F	Plant height – 162 cm Fodder yield – 206.25 q/ha BCR- 3.28:1
13	2014-15	Introduction of Rabi Sorghum (dual purpose) var- CSV-22	Plant height – 129.33 cm Fodder yield – 208.33 q/ha BCR – 3.87:1.0
14	2014-15	Introduction and Evaluation of Rabi Sorghum (dual purpose var. CSV-26)	Plant height – 132.33 cm Fodder yield – 196.0 q/ha BCR – 3.64:1.0
15	2014-15	Introduction and Evaluation of Rabi Sorghum (dual purpose) var CSV – 29	Plant height – 130.66 cm Fodder yield – 224.3 q/ha BCR – 4.12:1.0
16	2014-15	Chemical castration of Piglet	BCR 1.92:1.0 Average wt. 100 kg at 8 month age
17	2014-15	Introduction/Synchronization of Oestrus with GnRH and postagladin treatment in Cattle	93.33% heat observed
18	2015-16	Performance of Poultry bird under feeding of balance concentrate ration	Avg. body wt. 900 gm at 8 weeks BCR = 3.43:1
19	2015-16	Introduction and evaluation of fodder crop Maize var African Tall	Plant Height at 60 DAS: 2.18m Total Green fodder yield: 320qts/ha BCR- 3.96 : 1.0
20	2015-16	Multicut sorghum Fodder var CSH-24MF	Plant Height at 60 DAS: 2.41 m No. of Cut: 2 Total Green fodder yield: 394q/ha BCR- 4.73:1.0
21	2015-16	Introduction of rabi Sorghum (dual Purpose) var CSV-22	Stunted growth of plant
22	2015-16	Introduction and evaluation of rabi Sorghum (dual Purpose) var CSV-26	Germination %: 76 Plant Height at 60 DAS: 62.30cm No. of Cut: 1 Total Green fodder yield: 76.0qts/ha
23	2015-16	Introduction and evaluation of rabi Sorghum (dual Purpose) var CSV-29	Germination %: 77.00 Plant Height at 60 DAS: 90.66 No. of Cut: 1 Total Green fodder yield: 104.3 qts/ha
24	2015-16	Postpartum herbal feed supplement (Asparagus racemosus) supplementation in cow	26.16% higher milk yield observed BC ratio- 2.06:1.0
25	2015-16	Mineral & Antioxidant supplementation 60	37.61% higher milk yield

		days prepartum to 60 days postpartum in buffalo	observed BC ratio- 2.98: 1.0
26	2016-17	Introduction of Kamrupa bird	Body wt avg. 1650kg, egg prod. Avg.70nos. (at 40 wks), BC ratio- 4.8:1.0
27	2016-17	Introduction of Vanaraja bird	Attained avg. 2.9kg at 16wks of age BC ratio- 3.8:1.0
28	2016-17	Performance of poultry bird under feeding of balance concentrate ration	Attained avg. 2.5kg at 12wks of age BC ratio- 3.33:1.0
29	2016-17	Area specific Mineral Mixture (AAUVETMIN) supplementation in Lactating cow	higher milk yield observed Continuing
30	2016-17	AAUVETMIN supplementation in growing pig	higher body weight gain observed Continuing
31	2016-17	Evaluation of Fodder Sorghum var COFS-29	Continuing