



**GOVERNMENT OF ODISHA  
FISHERIES & ANIMAL RESOURCES DEVELOPMENT  
DEPARTMENT**



**Scheme: Nationwide Artificial Insemination Programme (NAIP) Phase-I during the year 2020-21**

**SCHEME :**

- The Nationwide Artificial Insemination Programme (NAIP) was launched in September 2019.
- The NAIP is a campaign mode genetic upgradation program covering all breeds of bovines to enhance the milk production using low cost breeding technology.
- The programme is implemented by State Implementing Agency, Odisha Livestock Resources Development Society (OLRDS).

**AIM :**

- It aims for improving genetic merit of milch animals with high quality pedigreed bull semen.

**SCHEME OBJECTIVE :**

- Providing doorstep reliable A.I. delivery system in districts with less than 50% A.I Coverage.
- Birth of genetically superior male and female bovine breeds.
- Increase in Milk Production.
- Adoption of Artificial Insemination technology by large number of Farmers.
- Increase in Farmers' income.

**SALIENT FEATURES :**

- The Nationwide Artificial Insemination Programme (NAIP) was implemented under the Central Sponsored Scheme (Rastriya Gokul Mission) in all the 30 districts of the State.
- 300 villages in each district had been selected under the programme for Artificial Insemination (AI) of breedable bovines. A total of 9000 villages i.e about 17% of total villages in the State has been covered under the programme.
- Artificial Insemination in campaign mode was taken up for a period 15th Sept. 2019 to 31st May 2020 to cover 6.00 lakh breedable bovine population in the State.
- All breeds of cattle and buffaloes were covered under this programme.
- All the animals covered under the Artificial Insemination programme have been identified using UID (Pashu Aadhaar) and data has been uploaded on Information Network on Animal Productivity and Health (INAPH) portal.
- The A.I. technicians used the tablets/ smart phones for uploading data on INAPH portal.

#### **SCHEME OUTLAY & SUBSIDY :**

- All the farmers availed the service free of cost.
- No User fee was paid by the farmers for AI under NAIP-I

#### **SOURCE OF FUNDS :**

- The NAIP is covered under the scheme Rashtriya Gokul Mission under the component of development and conservation of indigenous breeds with 100% grant in aid basis.

#### **ACHIEVEMENTS UPTO JUNE 2020 :**

- 7,90,320 doses of High Genetic Merit (HGM) semen doses was procured having lactational milk yield ranging from 3,000 litre to 10,000 litre in addition to production of semen straws at FSB, Cuttack.
- 287 departmental, 60 OMFED centre and 279 MVUs totalling to 626 centres were converted from non-AI to AI centre.
- 6,77,809 doses of high pedigreed indigenous bull semen of breeds like Gir, Sahiwal, Tharparkar has been procured for AI programme
- User ID and Password for all 5115 AI technicians (AIT) were created & communicated to all for uploading of AI related data in two National level data platform i.e. Information Network for Animal Productivity & Health (INAPH) and National Animal Disease Reporting System (NADRS) .
- Internet Connectivity was provided to all AITs for uploading of data.
- Wide publicity through Awareness meetings, Pamphlet distribution, wall paintings and Catchy Radio Jingles were made.
- 3,08,304 farmers database has been created in the NADRS portal so far.
- Under NAIP PH – I, 114 % achievement against the target has been recorded (6,82,517 dairy animals were covered against the target of 6,00,000 as fixed for the State).
- 8,60,797 Artificial Insemination were conducted under the programme.
- 6,61,796 A.I. data have been uploaded in NADRS portal.
- 8,47,314 A.I. data have been uploaded in INAPH portal.
- Pregnancy diagnosis in 71,183 animals has been performed.
- The State stood Second amongst the implementing States in the country on % Animal coverage next to Andhra Pradesh.
- The State also stood Second on % A.I. conducted amongst the implementing States in the country behind Andhra Pradesh.

**DISTRICT WISE TARGETS & ACHIEVEMENT :**

<b>Sl. No.</b>	<b>Name of the District</b>	<b>Target for Animal Coverage</b>	<b>No. of Animal Covered as on 31.05.2020</b>	<b>% of Achievement (Col 4 / Col 3)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
01	Gajapati	7211	12835	<b>178.0</b>
02	Rayagada	10421	16936	<b>162.5</b>
03	Balangir	23387	35727	<b>152.8</b>
04	Jharsuguda	5461	8234	<b>150.8</b>
05	Boudh	7247	10882	<b>150.2</b>
06	Balasore	15000	22443	<b>149.6</b>
07	Sambalpur	13630	19810	<b>145.3</b>
08	Kalahandi	14539	20516	<b>141.1</b>
09	Bargarh	21933	29131	<b>132.8</b>
10	Cuttack	32177	42681	<b>132.6</b>
11	Deogarh	9873	12688	<b>128.5</b>
12	Jagatsinghpur	30856	39183	<b>127.0</b>
13	Nayagarh	16651	20319	<b>122.0</b>
14	Koraput	14833	18094	<b>122.0</b>
15	Angul	18640	22653	<b>121.5</b>
16	Nuapada	9707	11451	<b>118.0</b>
17	Kendrapada	25029	29045	<b>116.0</b>
18	Keonjhar	28360	32422	<b>114.3</b>
19	Kandhamal	21122	23221	<b>109.9</b>
20	Bhadrak	24960	27081	<b>108.5</b>
21	Puri	29853	32292	<b>108.2</b>
22	Ganjam	29178	31123	<b>106.7</b>
23	Dhenkanal	25601	26440	<b>103.3</b>
24	Malkangiri	14588	14696	<b>100.7</b>
25	Mayurbhanj	30221	30280	<b>100.2</b>
26	Sonepur	11772	11081	<b>94.1</b>
27	Jajpur	24771	20579	<b>83.1</b>
28	Sundergarh	34541	26465	<b>76.6</b>
29	Nawarangpur	23500	17223	<b>73.3</b>
30	Khordha	24938	16986	<b>68.1</b>
<b>TOTAL</b>		<b>600000</b>	<b>682517</b>	<b>113.8</b>