**Fisheries Profile of Uttarakhand**

**1. Fishery Resources**

|  |  |
| --- | --- |
| **Inland** | |
| Total inland water bodies (lakh Ha) | 0.21 |
| Rivers & canals (Km) | 2,686 |
| Reservoirs (lakh ha) | 0.20 |
| Tanks & ponds (lakh Ha) | 0.01 |
| Flood plain Lakes and Derelict water (lakh Ha) | 0.00 |
| Brackish Water (lakh Ha) | - |
| Average productivity reported (Kg/Ha/year)-FFDA | 3,000 |

**2. Fish production in last few years in Uttarakhand:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Inland Fish production** | | **Fish Seed Production** |
|  | Fish production(‘000 tons) | Growth rate (%) | No of fish seeds produced (million fry) |
| 2004-05 | 2.57 | 0.39 | 35.82 |
| 2005-06 | 2.79 | 8.56 | 31.69 |
| 2006-07 | 3.00 | 7.53 | 28.21 |
| 2007-08 | 3.09 | 3.00 | 37.42 |
| 2008-09 | 3.16 | 2.27 | 38.32 |
| 2009-10 | 3.49 | 10.44 | 34.47 |
| 2010-11 | 3.82 | 9.46 | 100.44 |
| 2011-12 | 3.83 | 0.42 | 100.16 |
| 2012-13 | 3.85 | 0.34 | 42.98 |
| 2013-14 | 3.89 | 1.03 | 44.43 |
| 2014-15 | 3.93 | 1.02 | 48.57 |
| 2015-16 | 4.13 | 5.09 | 62.90 |
| 2016-17 (p) | 4.29 | 3.87 | 74.65 |
| 2017-18(p) | 4.58 | 6.76 | 67.88 |
| 2018-19 (E) | 5.04 | 10.04 | 67.96 |

**3. Funds availed by the Govt. of Uttarkhand from National Fisheries Development Board (NFDB):**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name of activities** | **During 12th Plan (Rs. In lakh)** | | | |  |  |
| **2012-13** | **2013-14** | **2014-15** | **2015-16** | **2016-17** | **2017-18** |
| Intensive aquaculture in ponds & tanks | 1.50 | 0.22 | - | - |  |  |
| HRD | - | - | - | 1.29 | 0.10 | 1.95 |
| Other Activities | - | 1.00 | 2.43 | - |  |  |
| Cold Water Fisheries | - | - | - | ­- |  |  |
| Domestic Marketing | - |  | - | 3.89 |  |  |
| **Total** | **1.50** | **1.22** | **2.43** | **5.18** | **0.10** | **1.95** |

**4. Performance of CSS & CS Schemes in Uttarakhand during 12th Plan**

(Rs. in lakhs)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of Schemes** | **Funds released during 12th Plan** | | | | **Merger of all schemes in umbrella scheme of Blue Revolution** | | |
| **2012-13** | **2013-14** | **2014-15** | **2015-16** | **2016-17** | **2017-18** | **2018-19** |
| Development of Inland fisheries & Aquaculture | 42.95 | 10.50 | 46.19 | 39.00 | 954.95 | 746.16 | 471.08 |
| National Scheme of Welfare of Fishermen. | 7.95 | 0.00 | 31.35 | 0.00 |
| Strengthening of Database & Geographical Information System of Fisheries Sector. | 3.39 | 0.00 | 3.00 | 4.67 |
| National Fisheries Development Board (NFDB) | 4.62 | 1.22 | 33.80 | 13.80 | 0.1 | 0.00 | 1.95 |
| **Total** | **58.91** | **11.72** | **114.34** | **57.47** | **955.05** | **746.16** | **473.03** |

***5.1 Item-wise details of the proposal of Government of Uttarkhand for development of Fisheries in the State under the CSS on Blue Revolution scheme during 2016-17.***

**(Rs.in lakh)**

| **Sl No** | **Name of the Project /Activity** | **Units Propose** | **Total Project Cost** | **Central share** | **State share/ beneficiary share** |
| --- | --- | --- | --- | --- | --- |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** |
| 1 | Coldwater Fisheries - Fish culture in earthen ponds - 100 Cubic Mtr | 60 | 60.00 | 48.00 | 12.00 |
| 2 | Constuction of permanent farming units & raceways - 50 cubic Mtr | 60 | 120.00 | 96.00 | 24.00 |
| 3 | Input for constructed & renovated ponds | 15 | 22.50 | 18.00 | 4.50 |
| 4 | Input for permanent farming units & raceways - 50 cubic Mtr | 60 | 150.00 | 120.00 | 30.00 |
| 5 | Pond Aquaculture - Construction of new ponds | 10 | 70.00 | 56.00 | 14.00 |
| 6 | Renovation of community ponds | 5 | 17.50 | 14.00 | 3.50 |
| 7 | Reservoir Fisheries Development - cage Culture | 48 | 144.00 | 115.20 | 28.80 |
| 8 | Training, Skill Development and Capacity building to fish farmers & other stakeholders (Tot= 350 No., Per batch/unit=50 Nos.) | 350 | 29.75 | 29.75 | 0.00 |
| 9 | Establishment of Freshwater Finfish brood bank | 1 | 500.00 | 400.00 | 100.00 |
| 10 | Fish marketing - Insulated trucks of 6 tonnes Capacity | 1 | 15.00 | 12.00 | 3.00 |
| 11 | Solar Power support system for aquaculture | 1 | 15.00 | 12.00 | 3.00 |
|  | Establishmnent of fish seed hatchery in private sector | 1 | 25.00 | 20.00 | 5.00 |
|  | Fish seed rearing ponds (Civil work) | 14 ha | 84.00 | 67.20 | 16.80 |
|  | Input cost for fish seed rearing ponds | 14 ha | 21.00 | 16.80 | 4.20 |
|  | **Total** |  | **1273.75** | **1024.95** | **248.80** |

***5.2 Item-wise details of the proposal of Government of Uttarkhand for development of Fisheries in the State under the CSS on Blue Revolution scheme during 2017-18***

**(Rs.in lakh)**

| **Sl No** | **Name of the Project /Activity** | **Units Propose** | **Unit Cost** | **Total Project Cost** | **Eligible CSS Assistance** | **CSS-Sharing** | | **Beneficiary Share** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Center (90%)** | **State (10%)** |
| **(i)** | **(ii)** | **(iii)** | **(iv)** | **(v)** | **(vi)** | **(vii)** | **(viii)** | **(ix)** |
| 1 | Establishment of 1 Trout Brood bank at Rudraprayag in 1.63 **(State Govt.)** | 1 | 200.00 | 200.00 | 200.00 | 160.00 | 40.00 | 0.00 |
|  | Construction of Fish Seed Rearing Units **(General)** | 23 | 6.00 | 138.00 | 55.20 | 49.68 | 5.52 | 82.80 |
|  | Construction of ha Fish Seed Rearing Units **(ST/SC)** | 7 | 6.00 | 42.00 | 25.20 | 22.68 | 2.52 | 16.80 |
|  | Input for Fish Seed Rearing Units | 23 | 1.50 | 34.50 | 13.80 | 12.42 | 1.38 | 20.70 |
|  | Input for Fish Seed Rearing Units **(ST/SC)** | 7 | 1.50 | 10.50 | 6.30 | 5.67 | 0.63 | 4.20 |
|  | Fingerling strenghtening structure through solar power support system for 15 units **(General)** | 12 | 15.00 | 180.00 | 72.00 | 64.80 | 7.20 | 108.00 |
|  | Fingerling strenghtening structure through solar power support system for 15 units **(ST/SC)** | 3 | 15.00 | 45.00 | 27.00 | 24.30 | 2.70 | 18.00 |
|  | Establishment of 1 Large automatic trout feed mill **(State Govt.)** | 1 | 200.00 | 200.00 | 200.00 | 160.00 | 40.00 | 0.00 |
|  | Riverine Fisheries and Conservation awareness programme **(State Govt.)** | 1 | 4.00 | 4.00 | 4.00 | 3.20 | 0.80 | 0.00 |
|  | Cage culture | 48 | 3.00 | 144.00 | 57.60 | 51.84 | 5.76 | 86.40 |
|  | Construction of raceways General) | 74 | 2.00 | 148.00 | 59.20 | 53.28 | 5.92 | 88.80 |
|  | Construction of raceways (SC/ST) | 22 | 2.00 | 44.00 | 26.40 | 23.76 | 2.64 | 17.60 |
|  | Input cost for Construction of raceways (General ) | 74 | 2.50 | 185.00 | 74.00 | 66.60 | 7.40 | 111.00 |
|  | Input cost for Construction of raceways (**SC/ST** ) | 22 | 2.50 | 55.00 | 33.00 | 29.70 | 3.30 | 22.00 |
|  | Motor cycle with ice box (General) | 6 | 0.60 | 3.60 | 1.44 | 1.30 | 0.14 | 2.16 |
|  | Motor cycle with ice box (SC/ST) | 2 | 0.60 | 1.20 | 0.72 | 0.65 | 0.07 | 0.48 |
|  | **Sub Total** |  |  | **1434.80** | **855.86** | **729.87** | **125.99** | **578.94** |
|  | Administrative cost @3% |  |  | **21.90** |  | **21.90** |  |  |
|  | **Total** |  | **1456.70** | **855.86** | **751.77** | **125.99** | **578.94** | **1456.70** |
| An amount of Rs. 746.16 lakh released to State Government of Uttarakhand during 2017-18 including pending liability of Rs. 70.00 lakh from 2016-17. | | | | | | | | |

**6. Utilization Certificate pending with Government of Uttarkhand in respect of the funds released under Blue Revolution Scheme.**

(Rupees in Lakh)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No.** | **Financial Year** | **Funds Released** | **UCs Received** | **UCs Pending** |
| 1 | 2016-17 | 954.95 | 954.95 | 0.00 |
| 2 | 2017-18 | 746.56 | 661.56 | 85.00 |
| 3 | 2018-19 | 471.08 | 0.00 | 471.08 |
|  | **Total** | **2172.59** | **1616.51** | **556.08** |

**The details of Significant Achievements made in Fisheries Sector under the Blue Revolution Scheme during 2014-15 to 2017-18 in Uttarakhand State**

* Central assistance of Rs. 2304.01 lakhs released for Fisheries Sector
* Assistance provided for bringing 70 ha area under aquaculture
* Approved the installation of 96 Nos cages/pens in reservoirs and other open water bodies
* Approved establishment of 1 Nos of fish/prawn hatcheries
* Sanctioned 2 feed mill plants
* 2 Nos of Recirculatory Aquaculture Systems (RAS) approved
* 2 Nos Brood bank facilities sanctioned
* 158 units of Raceways approved
* 10 units of fish transportation facilities viz., refrigerated & insulated trucks, auto rickshaws, motor cycles & bicycles with ice box have been sanctioned
* Approved construction of 50 fishermen houses
* Insurance cover provided to 1.75 thousand fishermen annually.
* Skill training provided to 731 fish farmers & other stakeholders

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