**ANN – 5.3**

**Baseline study for Fisheries Development in Telangana state**

Fish prod. Potential of tanks based on Morpho-Edaphic Index

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | |
| **Sl**  **No** | | **Name of tank** | | | | **TWSA (Ha)** | **MEI** | **Pot. Fish yield (kg/ha/year)** |
| **MUSI RIVER FED TANKS** **(Perennial)** | | | | | | | | |
| 1 | | DP TANKS | Maddulagandi, Arrur, YDR | | 30 | | 491.2 | 5410 |
| 2 | | Akka cheruvu, Velugonda, YDR | | 39 | | 578.3 | 6785 |
| 3 | | Challi cheruvu, Velugonda, YDR | | 29 | | 253.1 | 2153 |
| 4 | | Peddacheruvu, Veluverthy, YDR | | 121 | | 345.3 | 3315 |
| 5 | | Bapannacheruvu, Veluverthy, YDR | | 45 | | 496.2 | 5486 |
| 6 | | Thummalagudemcheruvu, Indrapalanagaram, YDR | | 190 | | 377.3 | 3750 |
| 7 | | Polkammacheruvu Tharamatipet, RGR | | 10 | | 160.12 | 1140 |
| 8 | | Maisammacheruvu Tharamatipet, RGR | | 8 | | 409.9 | 4207 |
| 9 | | GP TANK | Antamasammacheruvu, Tharamatipet, RGR | | 16 | | 474.6 | 5156 |
| **DOMESTIC SEWAGE LINKED TANKS (Perennial)** | | | | | | | | |
| 1 | | DP TANKS | | Kothapallycheruvu, KRN | 182 | | 153.4 | 1074 |
| 2 | | Peddacheruvu, Nagaooru, KRN | 17 | | 65.97 | 333 |
| 3 | | Ooracheruvu, Elabotaram, KRN | 16 | | 174.22 | 1282 |
| 4 | | Ooracheruvu, Manakandur, KRN | 145 | | 115.5 | 725 |
| 5 | | Burugupalli Tank Peddacheruvu, MDK | 156 | | 100.3 | 596 |
| 6 | | Nizamcheruvu, MHD | 64 | | 324.3 | 3039 |
| 7 | | GP TANK | | Chanagakunta, Gollagudem, BDR | 2 | | 170.53 | 1245 |
| **DOMESTIC SEWAGE LINKED TANKS (Long Seasonal)** | | | | | | | | |
| 1 | DP  TANKS | | | Pallecheruvu, Gajareddypalli, MDK | 30 | | 101.9 | 609 |
| 2 | Parmeshwarachruvu, Atmakur, WNY | 80 | | 101.9 | 609 |
| 3 | GP TANK | | | Patel kunta, Aanajpur, RGR | 8 | | 443.4 | 4692 |
| **RAINFED TANKS (Perennial)** | | | | | | | | |
| 1 | DP  TANKS | | | Paathacheruvu, Narva, KMR | 38 | | 51.63 | 237 |
| 2 | Garillma, Mancerial | 146 | | 197.3 | 1524 |
| 3 | Pebbeirchruvu, (Mahabupalasamudram) WNY | 126 | | 228.8 | 1872 |
| 4 | Thigalacheruvu, Gopalpuram, BDR | 20 | | 24.64 | 85 |
| 5 | Peddacheruvu, Edulapusapalli, MHD | 250 | | 447.8 | 217 |
| 6 | Peddacheruvu, Kambalaplli, MHD | 166 | | 55.3 | 261 |
| 7 | Gandampallicheruvu, Kothapeta, MHD | 166 | | 55.3 | 261 |
| **RAINFED TANKS (Long Seasonal)** | | | | | | | | |
| 1 | | DP  TANKS | | Chelumelavagu, Beemaram, MAN | 15 | | 1206.6 | 770 |
| 2 | | Vemala kunta, Anajpur, RGR | 12 | | 177.36 | 1314 |
| 3 | | Kollu Tank, Nellipakabanjara, BDR | 8 | | 241.4 | 2017 |
| 4 | | Chintalacheruvu, Kommagudem, BDR | 20 | | 68.8 | 353 |
| 5 | | GP TANK | | Lingacheruvu, Reddy yala, MHD | 38 | | 227.7 | 1860 |
| **RAINFED AND SEVIOURLY WEED INFESTED TANKS** | | | | | | | | |
| 1 | DPT-LS | | | Ramasamudram, Gudipet, MAN | 16 | | 86.93 | 488 |
| 2 | GPT-P | | | Ooracheruvu, Mulukula, MAN | 13 | | 166.8 | 735 |
| **RAINFED AND INDUSTRY POLLUTED TANK** | | | | | | | | |
| 1 | DPT-LS | | | Rayanpalli Tank, MDK | 486 | | 71.7 | 373 |

MEI application for water bodies >300 ha is better