

**GOVERNMENT OF TELANGANA
FISHERIES DEPARTMENT**

From:
Dr. C. Suvarna, I.F.S.,
Commissioner of Fisheries,
T.S., Hyderabad

To
All District Collectors

Lr. No. 600/C1/2016 Date: 28-06-2017

Sir/Madam,

Sub: - Fisheries – Supply of Fish Seed on 100% grant for 2017 –
Guidelines for stocking of fish seed – Reg.

Ref: - Govt. Memo No. 1447/V&F/A2/2017 dated. 15-5-2017

The attention of all District Collectors in the state is invited to the subject and reference cited. In the ref. cited, the Govt. permitted to take up stocking of fish seed in all public water bodies with and without fishermen cooperative societies. This programme is being taken with 100% grant.

In this regard, the tenders have been called by the District Purchase Committees under the chairmanship of the Joint Collectors and they will be finalized in next week. The guidelines for stocking of fish seed under the scheme of "Supply of Fish Seed" on 100% grant for 2017 are herewith enclosed with a request to take necessary action for smooth and speedy implementation of the programme. They are also requested to take any additional precautionary measures with a view implement the scheme more effectively and transparently. The requirement of fish seed district wise is attached for information.

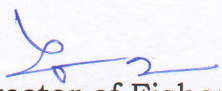
Encl. As above

Yours faithfully,
Sd/- C. Suvarna
Commissioner of Fisheries

Copy to all District Fisheries Officers for information and necessary action

Copy submitted to the Special Chief Secretary to Government, AH, DD & F
Dept. for kind information

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Dy. Director of Fisheries

• STOCKING GUIDELINES

- The fish seed shall be supplied to all reservoirs, minor irrigation tanks vested with the Fisheries Department and Grama Panchayats with or without societies.
- The fish seed must be supplied to seasonal tanks on priority basis. Similarly, first preference shall be given to the reservoirs and tanks with societies or under licensing system.
- Before placing supply orders, rechecking the earlier assessment/ calculation (as indicated in the tender document) of the
 - i) Total water spread area of the all water bodies must be assessed to avoid excessive or under stocking which will have adverse impact upon the growth of fish and productivity. This is especially important since water spread area information available for GP tanks may not be authentic.
 - ii) Water retention period and amount of water received in the water body are important criteria for arriving at effective water spread area (50% for seasonal and 75% for perennial water bodies) and stocking densities.
- The stocking densities (fish seed per ha effective water spread area) in different categories of sources are;

I. Perennial Water Bodies:

- a. 2,000 no. for tanks / reservoirs up to 1,000 ha. of water spread area,
- b. 1,000 no. for tanks / reservoirs 1,001 to 5,000 ha. of water spread area, and
- c. 500 no. for reservoirs above 5,000 ha of water spread area.

II. Seasonal Water Bodies:

3,000 no. for all seasonal water bodies

- A committee with the District Fisheries Officer and other officers as nominated by the District Collector shall visit the farm of the supplier before placing supply orders to ascertain the availability of the fish seed of required quantity, quality and species.
- The society shall not stock any seed without prior permission of dept. Sometimes they go for stocking in addition to the seed supplied by the department which may result in retarded growth and incidence of diseases or mass mortality due to overcrowding and finally leads to economic loss to the fishers.
- After receipt of water for a minimum of 1/3rd submergence area of the tanks, the supply orders shall be issued by the District Fisheries Officer to

the successful bidder and the bidder has to supply at the earliest not later than 30 days from the date of placing the supply order.

- Route map shall be worked out in advance for all water bodies.
- The District Fisheries Officer must collect contact numbers of at least 2 nominated members from; each society for tanks or license holders from each reservoir or Panchayat Secretary & sarpanch in case of water bodies without societies and give prior information to them about the date, time and venue of seed supply.
- DFO should also furnish the details of contact persons from Fisheries department for the assigned mandals to the above selected representatives of the societies/licensees, panchayat secretary/sarpanch.
- Stocking has to be completed within 2 hours after reaching the site to reduce mortality. If it gets delayed due to any unavoidable circumstances, water has to be changed. The ideal time for release of fish seed is in the morning from 7 to 11 AM. As far as possible, the stocking shall be completed by 11.00 AM. Public representatives may be advised to attend program before 11.00 AM. However, waiting for them beyond the prescribed time has to be strictly avoided to reduce seed mortality and ensure timely stocking.
- Any poor quality seed as noticed by the committee shall be rejected at reservoir stocking point (80 mm to 100 mm seed) or distribution point (35 mm to 40 mm seed) since any claims about poor quality seed can't be entertained at later stages.
- The designated beneficiary society members or licensee fishermen/ Panchayat Secretary (in case of tanks without societies) shall verify the seed size, number and species before releasing the seed into the water body and enter the details in their registers for record purpose and issue Fish Seed Stocking Certificates in triplicate (Society/Panchayat Secretary, Fish Seed Supplier and District Fisheries Officer) immediately after the stocking is over.

I. Seasonal water bodies:

- The advanced fry stage fish seed with 35-40 mm size of three species namely Catla, Rohu and Common Carp in the ratio of 50:25:25 shall be supplied at the rate of 3,000 no. per ha of effective water spread area to all seasonal water bodies in the polythene bags with oxygen gas.
- The seed shall be distributed at the common points identified by the Fisheries Department. The bidder shall supply three species separately in polythene covers.
- A minimum of four samples of bags shall be counted species wise in the presence of the Fish Seed Certification and Stocking Committee consisting of the District Fisheries Officer or his nominee, Tahsildar /

MPDO, President of the District Fisheries Coop. Society and members of the beneficiary societies.

- In case of tanks **with societies**, two representatives from respective societies may lift the seed and follow up stocking.
- In case of tanks **without societies**, the District Collector may nominate Panchayat Secretary or any village level official to ensure lifting of correct number from the distribution point and stocking in the water bodies specified. The District Panchayat Officer may be involved to coordinate fish stocking in the water bodies.

II. Perennial water bodies:

- In perennial tanks and reservoirs, the fish seed with 80-100 mm size of three species namely Catla, Rohu and Mrigala in ratio of 40:50:10 shall be stocked. The size, health and species are checked with the specifications given in the bid.
- In case of reservoirs with **less than 5,000 ha EWSA**, minimum four samples in perforated baskets shall be counted in the presence of the Fish Seed Certification and Stocking Committee consisting of the District Fisheries Officer or his nominee, President of the District Fisheries Coop. Society, VRO / Panchayat Secretary and members of the beneficiary societies / license holders of reservoir.
- In addition to the above members, the District Collector may nominate a senior officer in the district as **Observer** to supervise fish seed stocking programme in reservoirs with more than 5,000 hectares.
- In case of reservoirs with **more than 5,000 ha. EWSA**, the fish seed shall be counted by weighing method and the successful bidder shall bring certified weighing machine for the purpose. In these reservoirs, 60% of the required fish seed will be stocked in August/September and balance 40% during November/December.

III. Materials and other logistics support:

- A vehicle shall be permitted to be hired by the Fisheries Development Officer / Asst. Inspector of Fisheries of the area for 2 months for speedy implementation of the program (from commencement of stocking to end of the stocking).
- Same size perforated aluminium baskets for counting and hapas for acclimatization and treatment with potassium permanganate of fish seed shall be supplied to all the districts for maintaining uniformity in counting. DFOs may take measures to ensure that this material is accounted for after the stocking activity is over since baskets can be used for a minimum of 5 years and hapas for at least 2 years.
- In view of shortage of field staff, trained fishermen on daily wages shall be appointed as per requirement @ one person for 25.00 lakh fish seed for a total of 60 days on the whole.

IV. Precautions to be taken:


- The quantity of fish seed to be carried safely in each container and Number of containers that can be arranged in each truck from the designated farm to the district shall be arrived by the DFOs before commencement of the supplies and the supplier must stick to those norms fixed till supply of fish seed is completed. Numbering all the containers in sequence shall be done to avoid any duplication.
- There shall be a minimum time interval worked out between two cycles of a particular vehicle based on the distance from the designated farm to the district, so as to avoid recycling of single vehicle. The vehicle details shall be recorded for verification purpose on arrival of each consignment.
- Photographing & Video graphing the proceedings of distribution shall be done with mobile cameras for record purpose and submitted to the DFO.

V. Monitoring:

- Software is under development for uploading information on fish seed stocked in tanks and reservoirs on daily basis. The District Fisheries Officers shall upload the quantity of fish seed stocked tank/reservoir wise. The longitude and latitude details of stocking points at all the water bodies shall be recorded with the help of the mobile phones for geo tagging purpose.
- A Cell at head office under the supervision of the Dy. Director of Fisheries, Inland Fisheries will monitor for giving guidance and necessary instructions that keep arising from time to time.
- Senior officers from Head office will be allotted districts to supervise the programme and they will visit as frequently as possible to monitor supplies.
- The District Collectors may devise monitoring mechanism with the man power available in the district to complete the program in a transparent and efficient way.

Sd/- C. Suvarna
Commissioner of Fisheries

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Dy. Director of Fisheries