

**GOVERNMENT OF TELANGANA  
ABSTRACT**

Agriculture & Cooperation Department – New Rules to Telangana Registration of Horticulture Nurseries (Regulation) Rules, 2017 (Act 13 of 2010) - Orders - Issued.

---

**AGRICULTURE AND COOPERATION (HORTI & SERI) DEPARTMENT**

**G.O.Ms.No. 8**

+

**Dated: 28-01-2017.**

Read:

From the Commissioner of Horticulture, Hyd. Lr.No.HFs/334/16, dated:09.01.2017.

& & &

**ORDER**

In the circumstances reported by the Commissioner of Horticulture, Hyderabad in the reference read above and after careful examination in the matter and in supersession of the earlier orders issued in G.O.Ms.No.211, Agri. & Coop. (Horti.) Dept., dt:12.12.2012, the Government hereby issue the Telangana Registration of Horticulture Nurseries (Regulation) Rules, 2017.

2. The Commissioner of Horticulture, Hyderabad shall take further necessary action in the matter accordingly.

3. The appended Notification shall be published in the extra Ordinary issue of Telangana Gazette, dated:28.01.2017.

**(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)**

**C.PARTHASARATHI  
APC & SECRETARY TO GOVERNMENT**

To

The Commissioner, Printing, Stationery & Stores Purchase Department, Hyderabad for Publication of the Notification in the next issue of Gazettee and furnish 1000 copies.

The Commissioner of Horticulture, Hyderabad.

The Director of Sericulture, Hyderabad.

The Commissioner of Agriculture, Hyderabad,

The Principal Chief Conservator of Forest (HoFF), Hyderabad,

The Director PR & RD Department, Hyderabad.

**Copy to:**

The Law (A) Department,

The Revenue (R&S) Department,

The P.S to APC & Secretary to Government, Agri. & Co-op Dept.,

The P.S to Addl. Secretary to C.M

All the Sections.

Sf/Sc.

**// FORWARDED BY ORDER //**

**SECTION OFFICER**

**NOTIFICATION**

In exercise of powers conferred by sub-section (1) of Section 23 of the Telangana Registration of Horticulture Nurseries (Regulation) Act, 2010 (Act No.13 of 2010) and in supersession of the earlier orders issued in G.O.Ms.No.211, Agri & Coop. (Horti.) Dept., dt:12.12.2012, the Governor of Telangana hereby makes the following rules;

**RULES**

**1. Short Title and commencement**

- (1) These Rules may be called the Telangana Registration of Horticulture Nurseries (Regulation) Rules, 2017.
- (2) It shall come into force at once.

**2. Definitions:-**

In these rules, unless the context otherwise requires.

- (1) "Act" means the Telangana Registration of Horticulture Nurseries (Regulation) Act, 2010
- (2) "Form" means a form appended to these rules.
- (3) All other terms and expressions used herein but not defined shall have the meaning assigned to them in the Act.

**P A R T - 1**

**3. Application for grant of Licence, Fees and Documents:-**

(1) Any owner who desires to obtain a Licence under sub-section (1) of section 5 shall apply to the competent authority in whose jurisdiction the Nursery lies in Form 'A'.

(2) The applicant shall deposit an amount of **Rs. 5,000/- (Rupees five thousand only) for Fruit nurseries and for seedlings of Vegetables / Spices / Flowers/ Medicinal and aromatic crops and for ornamental plants based on the production capacity of the nursery viz.,**

**(A) Production upto 4 lakhs Nos - Rs.1,000/-**

**(B) Production more than 4 lakhs Nos - Rs.2,500/-**

towards Licence fee in the Government Treasury by way of challan to the following Head of Account;

0401 - Crop Husbandry  
MH-800 - Other receipts  
SH 81 - Other receipts

(3) The Fee deposited under sub-rule(2) shall be refunded, only if the licence is not granted for reasons other than non-compliance of required conditions under the Act, after deducting 5% of the fee paid towards processing cost.

(4) Every such application for grant of licence shall be accompanied by the following documents.

- (a) **Proof & Address of the Nursery along with photograph of the owner; (Telephone bill / Electricity bill / Voter Identity card / Adhar card);**
- (b) **Land documents; pattadar pass book/lease deed;**
- (c) **Layout map prepared by any recognized surveyor or agency;**
- (d) **Existing infrastructure in nursery with complete details;**
- (e) **Soil and water Analysis reports from Govt; Labs/Laboratories recognized by the Govt;**
- (f) **Statement of production particulars for the last three years. In case of fruit nursery, and in case of Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental seedling nursery prior to commencement of such nursery development**
- (g) **Digital photographs of the Nursery;**
- (h) **Receipt of the fee;**

**Note:-** Layout plan of nurseries, (land utilization details) should be accompanied with photographs of the Nursery not less than 4 no's any of the following:

- (1) Total extent of Nursery in acres along with survey No.
- (2) Location of mother blocks/pedigree blocks/ nursery raising blocks with details
- (3) Internal roads and pathways in the Nursery.
- (4) Irrigation source (Bore well / Open well/ Tanks/Canals).
- (5) Location of plant material production block /seedlings blocks ready for distribution.
- (6) Details of field/ seed/ seedling beds and kinds of varieties of plants/seedlings in each bed in the production area.
- (7) Vermicompost units if any.
- (8) Shade nets, poly house, poly tunnels, grafting sheds, if any for fruit plants and insect net house, walk - in tunnels if any seedlings.

- (9) Farm equipment like Tractor, power Tiller, Generator etc.  
(10) Electrical connection

4. **Inspection Report:-** The Competent authority shall on receipt of the application inspect by himself or caused to be inspected by any person not below the rank of Horticulture officer, the Horticulture nursery for which Licence has been applied. The inspection report shall be prepared in Form 'B'.

5. **Grant of licence:-** On receipt of the report of the Inspecting Officer the competent authority may, if satisfied that the applicant fulfills the conditions grant a licence in Form 'C'. If it is not so satisfied he may refuse to grant licence and shall in its order give reasons for such refusal.

Provided that every order granting or refusing a licence shall be made within a period of ninety days from the date of the receipt of the application for licence In respect of fruit nursery, and 45 days in respect of seedling nursery.

6. **Application for Renewal of licence and fee:-** (1) Every holder of licence who desires to get his licence renewed shall apply in Form 'D' to the competent authority through the Horticulture Officer having jurisdiction over the area in which the nursery is situated not less than thirty days before the date of expiry of the licence. Such application shall be accompanied by a Treasury challan in proof of deposit of the renewal fee. The Horticulture officer shall, while forwarding the application to the competent authority, record his comments on a separate letter.

- (2) The renewal fee of Rs. 1,500/- (Rupees one thousand five hundred only) for fruit nursery shall be paid as stated in sub Rule (2) of Rule 3 and for seedling nurseries of Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental Crops the fee shall be paid based on the production capacity of the nurseries categorized with different size of the nurseries as under

(A) Production upto 4 lakhs Nos - Rs.500/-

(B) Production more than 4 lakhs Nos - Rs.1,000/-.

and the said fee shall be paid as stated in sub- rule (2) of rule 3. The renewal fee shall be refunded if the renewal of the licence is refused after deducting 5% of the fee paid towards processing fee.

7. **Renewal of licence:-** On receipt of the comments of the Horticulture Officer, the competent authority may, if satisfied that the applicant has not contravened any of the conditions of the licence or any provisions of the Act or these rules, renew the licence for a maximum period of three years for fruit nursery and one year for Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental Crops in Form 'E'. If he is not so satisfied he may refuse the renewal and shall in its order give reasons for such refusal.

Provided that every order renewing or refusing to renew a licence shall be made within a period of ninety days of the date of receipt of the application for renewal for fruit nursery and forty five days for Vegetables/ Spices/ Flower crops/ ornamental crops/ Medicinal and aromatic crops by the Competent Authority.

8. **Register of licences:-** The Competent Authority shall maintain a Register of licences in Form 'F' in which the names of persons to whom the licences are granted / renewed / refused from time to time shall be entered.

9. **Keeping of records by licensee:-** Every holder of a licence shall keep a complete record of the origin or source of every root-stock and every scion mentioned under clause (b) of section 6 of the Act. In respect of fruit nursery, and in respect of seeds/seedlings details like source of seed, Bill details, lot number, batch number, details of seed testing along with relevant documents, date of packing, date of expiry, date of sowing, date of sale of Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental Crops and seedlings in Form 'G'

10. **Maintenance of Registers of sale of plants:-** Every holder of a licence shall maintain a Register mentioned under clause (g) of section 6 of the Act in Form 'H' showing the name of the Horticulture plant / name and variety Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental Crops sold to any person, its age, the name of the crop / variety/ root stock and scion, bud wood and the name and the address of the person purchasing it, and shall produce the Register for inspection on demand by the Director or inspecting officer;

11 **Register of plant protection measures:-** Every holder of a licence shall maintain a Register mentioned under clause (m) of section 6 of the Act in Form 'I' giving the details of the plant protection measures under taken.

12 **Register of performance of the progeny trees and seedlings:-** Every holder of a licence shall maintain a Register mentioned under clause (d) of section 7 of the Act in Form 'J' wherein the performance of the progeny trees/ seedlings shall be recorded along with number of plants raised and number of plants ready for sale.

13. **Issue of permits:-** The Government may, regulate the Transport, the Export and the Import of Horticulture Plants material and seedlings under section 8 of the Act, on application by the Nursery Owners in Form 'K', issue permits in Form 'L'.

14. **Suspension or Cancellation of licence:-** The competent authority may suspend or cancel any licence granted or renewed under this Act on any one or more of the following substantial grounds in addition to the grounds mentioned from clause(a) to clause (e) of sub-section (1) of section 9 of the Act.

- (a) The licensee has not been conducting the business honestly or in a fair manner.
- (b) The licensee has refused to surrender or produce his licence or registers and other records required to be maintained under the Act and these rules to the competent authority or any person authorized by it.
- (c) If any genuine complaints are received from the consumer.
- (d) If he sells poor quality plants/ Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental Crops viz. disease / infested plants etc.,
- (e) If the plant material sold is found to be not of assured (true) variety.

15 **Issue of duplicate licence:-** If a licence granted to an owner is lost, or destroyed, mutilated or damaged, the competent authority shall, on application and on payment of Rs. 1,000/- (Rupees one thousand only) issue a duplicate licence.

16 **Appeal:-**

- (1) Any person aggrieved by an order of a competent authority refusing to grant or renew a licence or suspending or cancelling a licence, may appeal under sub-section(1) of section 12 in form 'M' within ninety days in respect of fruit nursery, and 45 days in respect of seedling nursery to the appellate authority.
- (2) Every appeal shall be in writing and accompanied by a copy of the order of the competent authority against which appeal has been preferred.
- (3) Every appeal shall be accompanied by an appeal fee of Rs. 1000/- (Rupees one thousand only) as prescribed in sub rule (2) of rule 3.

17. **Inspection Register:-** An Inspection Register mentioned under sub-section (3) of section 15 shall be maintained by the nursery man for giving instruction in Form 'N'.

## PART - II

18 **Objectives:-** Every nursery holder shall keep in mind the following objectives of the Act before making an application for licence.

- (1) To ensure production and supply of genuine and good quality Horticultural plant material to the Farmers.
- (2) To enforce multiplication of recommended varieties of Horticultural plants for propagation.
- (3) To keep complete record of origin (or) source of root stock, scion material and seedlings.
- (4) To enable supply of disease and pest free Horticultural plant material to cultivators.
- (5) To make the Nursery men to maintain complete record of sale of Horticultural plant material for past 5 years
- (6) To prosecute the Nurserymen, if found engaged in unauthorized sale and propagation of Horticultural plant material
- (7) To check the transaction on nurseries.
- (8) To restrict the movement of disease and pest effected or infested Horticultural plant material from one part of the state to other part of state by notification in official Gazette.
- (9) To restrict the movement of infested Horticultural plant material from other states to the Telangana.

19. The duties of the competent authority:- The competent authorities shall perform the following duties:

(1) The competent Authority may issue licence / renew on receipt of application from Nursery owner for production of specified species and varieties of Horticultural plant material for carrying out the business under sub section (4) of section 5 of the Act.

(2) The competent Authority may take up the inspection of the Nursery directly or may appoint the inspection officer to inspect the Nursery and submit a report and issue directions to the inspecting officer to inspect the Nursery and submit a report under sub-section (2) of section 5 of the Act.

(3) The competent authority shall issue necessary instructions to the licenced owners for creation of basic infrastructure facilities required such as mother block of required variety, root stock, green house, poly house, pro trays, potting mixture for seedlings and walk – in tunnels

**etc., net house, provision for solarization of media, for the proper propagation of Horticulture plants and for ensuring their quality under sub-section(2) of section 5 of the Act.**

- (4) The Competent Authority may,
- (a) ask any licensee to furnish such information as it may specify in respect of the Horticulture Nursery owned or run by such licensee.
  - (b) enter upon and inspect or cause to be inspected any Horticulture Nursery and Fruit plants and seedlings therein and the account books and records relating thereto for the purpose of satisfying itself that the requirements of this Act and the rules, made there under are being complied with.
  - (c) collect samples of Horticultural crops and get them analyzed, examined or tested, for genetic purity with Grow Out Test etc., in case of any dispute in any laboratory selected for the purpose referred by the Department of Horticulture/ SKLTSU. The expenses incurred for the purpose shall be borne by the concerned Nursery/ seed company/ organization.
  - (d) **discharge of his duties under this Act the competent Authority shall carry out such directions on matters of policy as may be issued by the State Government / Commissioner of Horticulture from time to time.**
  - (e) after receipt of application along with specified documents along with requisite registration fee, the competent authority may inspect (or) authorize the inspecting officer to inspect the Nursery with the assistance of District level Technical committee and submit inspection report to the competent Authority.
  - (f) should complete the inspection of the Nursery within 90 days from the date of receipt of application from Nursery owner, for fruit nursery and 45 days for seedling nursery with assistance of district level technical team.

#### **Surveillance and Monitoring;**

- (i) **conduct surprise visit shall be carried out at least once in a year for fruit nursery and once in four months for seedling nursery or as required depending on the performance of the Nursery.**
- (ii) the designated team shall essentially conduct surveillance visit during validity of Licencee.

#### **(5) The competent Authority shall maintain the following Registers in his office viz.,**

- (a) Issue of register of licences to the Nurserymen.
- (b) The list of species with varieties for which the licence accorded for production.
- (c) The complete information on the nursery pertaining to
  - (i) nursery infrastructure
  - (ii) scion blocks of root stock and scion sticks / bud wood.
  - (iii) production and sales of plant material and seedlings.
  - (iv) instructions issued to the inspection officer for inspection of the Nurseries by the competent authority and District level committee.
  - (v) technical directions / suggestions issued to the Nurseries.
  - (vi) instructions/Directions/Orders received from the appellate Authority and Commissioner of Horticulture, **Telangana** Hyderabad.

#### **20. The inspection officer may perform the following duties;**

- (a) According to the directions of the competent Authority on receipt of instructions along with application for inspection of the Nursery for issue of licence, the inspection officer shall inspect the Nursery along with the check list and submit the report.
- (b) Later, the inspection officer shall carry out inspection of each Nursery licenced under these rules at least once in three months and shall prepare copy of the report in triplicate of his visit. One copy of the visit shall be pasted on the inspection register of the Nursery, the second copy shall be submitted to the competent authority and third copy is maintained in his office record.
- (c) The inspection officer shall maintain the register pertaining to the inspection reports of the Nurseries and the instructions and directions received from the Competent Authority.
- (d) The inspection officer shall take the assistance of the District level Committee for the technical information for inspection of the Nurseries.

- (e) To conduct the visual inspections and regular random checks, the inspection officer may check the propagating material for varietal purity, Variety trueness, Health and external quality. If inspection officer observes any discrepancy in the nursery he shall submit digital photographs along with justification.
- (f) The inspecting officer should give prior intimation at least a week in advance for fruit nursery and two days in advance for seedling nursery of Horticultural crops of their time schedule for inspection of Nursery, so as to enable the Nursery owner to make himself available. The inspecting officer should stick on to the time schedules for inspection of Nursery without any deviation.
- (g) The inspecting officer should inspect the Nursery along with district level team in between **8.00 AM to 6.00 PM.**
- (h) The inspection officer should inspect the Nursery along with application and documents and verify the correctness of details given in application and submit the same to competent authority with remarks and recommended for issue of licence, in case if the Nursery is fit for issue of licence based on the fulfilling the quality standards as prescribed by National Horticulture Board according to section 6 (d).

21. **Duties of Licenced nursery:-** Every holder of a licence under this Act shall perform the following duties.

- (a) **All the Nursery owners who obtain the licence should undertake to multiply / raise only such crops / varieties of the Horticultural plants specified in the licence in respect of scion or root stock, for propagation and for raising seedlings, also sale as may be directed by the competent authority.**
- (b) **If at any time during the occurrence of the licence, the licensee should desires to undertake the propagation of the Horticultural plant material/ other than those mentioned in the licence, he shall make an application to the competent Authority. Specifying therein the plant material/ seedlings sort to be propagated and obtain permission from the competent authority and to undertake the propagation of plant material/ seedlings.**
- (c) **Keep a complete record of the origin or source of every, root-stock and every scion showing.**
  - (i) **The botanical name, together with the local name, if any, of the root stock used;**
  - (ii) **The botanical name, together with the local name, if any of the scion / propagating material used in raising the Horticulture plants.**
  - (iii) **Display a board in local language showing the plant stock position and price structure at the entrance of the Nursery.**
  - (iv) **Display the board with green color back ground and white labeling.**
  - (v) **Bud wood / Scion for pedigree material should be sourced from elite mother plants from Research Stations of SKLTS Horticulture University.**
  - (vi) **keep a complete record of the origin or source of every seed procured as may be prescribed showing.**
  - (vii) **the company name, crop, variety , batch number, lot number date of testing, date of expiry, certified / truthful, purchased bill no.**
  - (viii) **if the seed is brought by the farmer for raising seedlings in the nursery, in such case the nursery man has to collect the above information from the farmer before start of raising seedlings**
  - (ix) **display a board in local language showing the above details and keep the stock of seedlings position and price structure at the entrance of the nursery.**
- (d) **Keep a lay out plan showing the variety of root stock and scion trees, seedlings of Horticultural crops raised in the Nursery;**
- (e) **Keep the Nursery plants as well as the parent trees used for the propagation of Horticulture plants free from pests and diseases and maintain the quality standards as prescribed by National Horticulture board, Government of India or State Horticulture Board / State Horticulture Department / Horticultural University.**
- (f) **Undertake to grow the Horticultural plant in such manner as may be directed by the competent authority;**
- (g) **All Horticulture (Fruit) plants intended for sale shall have a conspicuous label shall specifying the name of the variety of Horticulture plant, it's age and the name of the root stock.**

- (h) Maintain a register showing the name of the Horticultural plant sold to any person, its age, the name of the root stock and scion, bud wood and the name and the address of the person purchasing it, and shall produce the record for inspection on demand by the Director or inspecting officer;
- (i) Exhibit the rates charged by him for each of the Nursery plants sold by him at a conspicuous place in the Nursery;
- (j) Maintain a Bill Book and issue sale bill containing Book Number, machine numbered bill, showing species, variety name, quantity and sale rate in the Nursery or by the trader in case of fruit plants and also enter the lot number, batch number, name of the seed company in addition to above details in case of seedlings of Horticultural crops or by the Nursery.
- (k) The Nursery register shall be preserved by the Nurseryman for at-least five years after the date of conclusion of the transaction for fruits and one year for seedlings of Horticultural crops.
- (l) Every licence holder shall maintain a folder containing the nursery act and rules updates from time to time and also orders, instructions issued by the commissioner of Horticulture.
- (m) Undertake to release for sale or distribution only such Horticultural plants/ as are completely free from any kind of pests or disease;
- (n) Keep the plants as well as the progeny trees used for the production of Nursery plants free from any kind of pests and disease;
- (o) Maintain a register giving the details of the plant protection measures undertaken;
- (p) Submit annual statement for each financial year in such form as may be prescribed by the Commissioner or Director of Horticulture by 15<sup>th</sup> April of every year.
- (q) The price structures and quality standards as prescribed by the Commissioner or Director of Horticulture from time to time shall be followed by the licensee for producing and sale of the plant material of Horticultural crops
- (r) The Nursery man or trader has to give intimation to the committee to be constituted by the Commissioner or Director of Horticulture from time to time, having jurisdiction over the Nursery to certify the quality of Horticultural plant material, if any Horticultural plant material is procured from outside the State. The certificate from the committee of the district has to be obtained for every consignment to the effect that Horticultural plant material procured from the nurseries outside the state is free from pests and diseases.
- (s) The Horticultural plant material for which licence has been granted shall only be utilized by the nursery owner for propagation, subject to the following conditions namely;
- (i) The varieties of scion and rootstock produced and used in the Nursery shall be those approved by the State Horticulture Department or SKLTSHU from time to time. The plant health condition of the scion blocks should be as prescribed by the SKLTSHU.
- (ii) the vegetatively propagated plant material shall be in direct proportion to the availability of root stock and scion wood with the Nurseryman;
- (iii) the Nurseryman shall maintain a map showing the details of the fields of beds and the kinds of varieties of plants in each bed. This shall apply to the seedlings as well as budded and grafted plant material;
- (iv) it is primary responsibility of Nurserymen to produce the plant material with specific identity of the species and varieties, plant health and quality of the product viz.,
- (a) Fruits: The 'Source identified', 'selected', 'qualified' and 'tested' category and with the requirements of characters specified for the varietal purity and with plant health condition.
- (b) Vegetable Seedlings – The 'source identified', 'selected', 'qualified', and 'tested' category and with the requirements of characters specified for the varietal purity and with plant health condition.
- (c) Ornamental plants – The source identified, selected, qualified and tested category and with the requirements of characters specified for the varietal purity and with plant health condition.

**(V) in case varietal characters differentiation is observed in any of the species due to agro climatic conditions prevailing in the State in various zones, the confirmation and certification for the specific varieties shall be obtained from the Horticulturist/Scientist from SKLTSHU**

**(VI) seeds, cuttings, plants and trees that show no visible abnormalities may still have quality defects or carry damaging viruses, viroids, Bacteria, fungi or other organisms, healthy Flowers, Trees and Vegetables grow from the healthy propagating material of very highest quality. In such cases laboratory testing gives deeper insight into the condition of the propagating material. Hence as preventive testing of healthy material wherever necessary, the diagnostic test (ex: for Viral indexing in citrus species may be taken up for identifying the pathogens or causal agent of the problem or disorder.**

**(VII) the Nurseryman shall maintain the register wherein the performance of the progeny trees shall be recorded along with number of plants raised and number of plants ready for sale; the quality standards should be maintained as prescribed by SKLTSHU for all grafts, seedlings of Horticultural plants.**

**(VIII) the competent authority may declare mother trees as unfit for use, if he is satisfied that use of such Horticultural plant material/ shall affect the interest of Horticulture on account of the following reasons;**

**(a) Poor quality of plant material / Horticulture product with reference to plant health condition viz., physical, physiological and phytopathological conditions from SKLTSHU.**

**(b) Poor bearing capacity;**

**(c) Infested with insects, pests and disease which cannot be cured;**

**(d) Horticulture plants of unknown pedigree and seedlings of unknown source ;**

**(e) Any other reasons which may be considered fit by the competent authority in the interest of Horticulture.**

**(ix) the Nursery man shall quarantine all trees and shall not use their budwood for further propagation in any case should there be a danger of the spread of the insects, pests and diseases to other nurseries and Nursery plants and such infected trees may be ordered by the competent authority to be destroyed and the Nursery shall carry out those orders. Such orders shall also be applicable to the supply of planting material.**

**(x) the plant material produced at nurseries particularly for the citrus species/ seedlings and for other species where ever necessary has to be tested at Government laboratories and certificate to be obtained with regard to quality, plant health condition viz., physical, physiological and phytopathological conditions.**

**(xi) for Identification and certification of the species and varieties grown for all the Horticultural crops and also to verify the conditions prescribed under section 7 of the Act.**

With reference to the propagation of Horticultural plant material the registers shall be maintained at Head office while issuing the licence.

**22. (1) Quality parameters of various material to meet the requirements of the Horticultural plant material produced in the Nurseries to maintain the standard quality planting material for supply to the beneficiaries and Farmers.**

**(1) Mango Grafts:**

**(a) Veneer Grafts only.**

**(b) The plant should be in the poly bag size of 7" X 11" X 350 guage containing at least 2kgs of mixture (Earthen pots are not acceptable)**

**(c) The Graft should be with 4 – 5 flushes (6 – 9 months age)**

**(2) Cashew grafts:**

**(a) 5 – 6 months old grafts soft wood grafted plants**

**(b) (b) The graft should be in the poly bag of 7" X 11" X 350 guage**

**(3) Sapota Grafts**

**(a) Veneer / Approach grafts**



- (b) The graft should be in the poly bag of 7" X 11" X 350 gauge containing 2kgs of pot mixture
- (c) Sapota grafted on pala rootstock only should be supplied.

**(4) Sweet orange:**

- (a) Plant should be 2 to 2 ½ feet height with 4 or 5 branches
- (b) Girth of the plant should be 2 ½ to 3 ½ cm.
- (c) Bud joint should be in between 6" to 9" inches from surface.
- (d) Union should be very firm and uniform.
- (e) The plant should be healthy i.e, the plant material should be free viral, fungal and other pest infestations.
- (f) The plant should be supplied after minimum 1 week observation for stabilization.
- (g) They should ensure that the plants are lifted after the stabilization at their nursery and supplied accordingly.
- (h) Count for the number of plants will be taken after observation of 1 week from date of supply at site.
- (i) Ensure that the scion (Bud) is collected from viral indexing mother plant.
- (j) Rangapur lime variety should be used as root stock for sweet orange.

**(5) Seethaphal Grafts:**

- (a) Veneer / wedge grafts:
- (b) The plant should be in the poly bag size of 10" X 7" X 350 gauge containing at least 2 kgs of pot mixture.
- (c) The height of the plant should be 3 ½ - 4 feet

**(6) Guava Grafts:**

- (a) The plant should be in the poly bag containing at least 1kg pot mixture.
- (b) The height of the plant should be at least 3 – 3 ½ feet with new flush.

**(7) Pomegranate Layers:**

- (a) The plants should have been propagated by hard wood or semi hard wood cutting or Ground layers with good root development and 2 – 3 side branches.
- (b) The plants should be in poly bag of 8" X 5" size containing ¾ kg pot mixture.
- (c) Layers plants should be hardened for 3 to 6 months after separation
- (d) Rooting of layered plant should be good.
- (e) Height of the layered plant should be 1 ½' to 2'.
- (f) Layer should be free from pests and disease.

**(8) Ber Budlings:**

- Budlings with 6 months age and a thickness of less than pencil.
- The height of the budlings should be 2 – 2 ½ feet in poly bag (Tubular) of 15 cms (H) X 10cms (W)
- The budlings should possess at least 6 pairs of new leaves.

**(9) Coconut seedlings:**

- The seedlings should be 1 yr old with a height of 4 ½ -5 feet, health, free from pests & diseases with >5 cm girth having, 5-6 active leaves.

**(10) Acid lime:**

- (a) The plants should be in poly bags of size 7"X11"X300 gauge.
- (b) The plants should be free from pests and diseases.
- (c) The plants should be healthy without any nutrient deficiencies.
- (d) The plant height should be 2-2 ½ feet with a girth of 2-2 ½ cm.
- (2) All the above plants should also possess the following characters.
- (a) Grafts joint / bud joint should be perfect with a uniform thickness of root stock and scion stick.
- (b) the Grafts / bud joint should be 8" (20 cms) above soil level in the poly bag.
- (c) the plants supplied should be kept in observation for 10 days and then only should be distributed among the farmers. The died / dried plants are not countable. The nursery supplier should water and maintain during observation period.
- (d) The plants should be free from any pests and diseases, especially viral diseases.

**3. Quality parameters for seedlings production**

- Use of Nethouse/ polyhouse
- 40mesh all around with reclinable 50% shade net inside
- Double door entry
- Provision for foot sterilization in the entry (Sterilization cement pits/ trays filled with potassium permanganate solution)

- Entrance should not face road to avoid contamination
- Separate facility for tray washing (to dip in tank filled with potassium permanganate solution); tray filling, sowing etc..
- Use of sterilized cocopeat is must (no reuse of cocopeat)
- Follow strictly norms recommended for quality seedling production
- IDM/ IPM protocols to be followed (use of biopesticides & biofertilizers is strongly recommended)
- Ensure to supply disease and pest free seedlings
- Irrigation water to be tested for quality (EC, pH etc.)
- Ensure to supply seedlings of correct age as shown in the table.

<u>S.no</u>	<u>Crop</u>	<u>Age of the seedlings</u>	<u>No. of leaves per plant at the time of transplantatio</u>	<u>Plant height (cm)</u>
<u>1</u>	<u>Tomato</u>	<u>3-4 weeks</u>	<u>7-8</u>	<u>15-20 cm</u>
<u>2</u>	<u>Brinjal</u>	<u>30-35 days</u>	<u>3-4</u>	<u>15cm</u>
<u>3</u>	<u>Chilli</u>	<u>40-45 days</u>		<u>15-24 cm</u>
<u>4</u>	<u>Capsicum</u>	<u>33-36 days</u>	<u>4-6</u>	<u>6-7 cm</u>
<u>5</u>	<u>Cabbage</u>	<u>4-6 weeks</u>	<u>4-6</u>	<u>10-12 cm</u>
<u>6</u>	<u>Cauliflower</u>	<u>Early: 5-6 weeks</u> <u>Mid and late varieties:3</u>	<u>5-6</u>	<u>8-10 cm</u>
<u>7</u>	<u>Water melon</u>	<u>4 weeks</u>	<u>4 leaf stage</u>	
<u>8</u>	<u>Musk melon</u>	<u>3-4 weeks</u>	<u>2 true leaf stag</u>	
<u>9</u>	<u>Onion</u>	<u>6-7 weeks in Kharif</u> <u>8 weeks in Rabi</u>		<u>20-35 cm,</u> <u>stem girth: 0.8</u> <u>0.9 cm</u>
<u>10</u>	<u>Garlic</u>	<u>30 days</u>		
<u>11</u>	<u>Papaya</u>	<u>30-40 days</u>	<u>5-6</u>	<u>45 cm</u>
<u>12</u>	<u>Marigold</u>	<u>30 days</u>	<u>3-4</u>	<u>15 cm</u>
<u>13</u>	<u>China aster</u>	<u>30-45 days</u>	<u>3-4</u>	<u>7.5 cm</u>
<u>14</u>	<u>Crossandra</u>	<u>60 days</u>	<u>4-5</u>	<u>15 cm</u>
<u>15</u>	<u>Zinnia</u>	<u>25-30</u>	<u>3-4</u>	<u>2.5-3 cm</u>
<u>16</u>	<u>Turmeric</u>	<u>30-45 days</u>	<u>3-4</u>	<u>7-8 cm</u>
<u>17</u>	<u>Ginger</u>	<u>30-40 days</u>	<u>3-4</u>	<u>7-8 cm</u>
<u>18</u>	<u>Carnation</u>	<u>3 weeks</u>	<u>3-4</u>	<u>---</u>
<u>19</u>	<u>Gerbera</u>	<u>2-3 weeks</u>	<u>3-4 sets of leaves</u>	<u>9-14 cm</u>
<u>20</u>	<u>T.C.Banana</u>	<u>10-12 weeks</u>	<u>4-5 functiona leaves</u>	<u>1 ft ht I poly bag of 4x6"</u>

**Note:** For raising of seedling nursery, the quality parameters for any other Horticulture crops (which are not mentioned in above table), i.e. the age of the seedlings, no. of leaves per plant at the time of transplantatio and plant height etc., should be adopted as prescribed by the SKL TSHU".

- (2) As the State of **Telangana** prevails under different agro climatic conditions, any variation in the growth habit and development of the plant the Nursery growers are to consult the Horticulture scientist from **SKLTSHU** and get confirmation for all the species mentioned above, if any other Fruit crops raised in the Nursery, vegetable seedlings and Ornamental plants. The above may be documented.

### **23: CRITERIA FOR MAINTENANCE OF SCION BLOCKS (Mother trees / Progeny trees)**

- (1) The bud sticks / graft wood should always be taken from healthy and true to type progeny trees of commercial / new varieties.
- (2) Criteria for selection of mother plants is as follows;
- (i) **mother plants of the varieties should be genetically true to type.**
  - (ii) the mother plants should be healthy, free from any diseases, pest infestation and physiological disorders.
  - (iii) the mother plant should have known pedigree record regarding bearing potential fruit quality, source, origin and age etc.
  - (iv) the mother plants should be precocious and prolific bearer
  - (v) **the mother plants meant for collection of Bud sticks / scion should be properly labeled variety wise, approximate age, source of collection of material, approximate yields, disease free, pest free and no physiological disorders. All the sweet orange mother plants should be serially numbered to facilitate indexing for the scion blocks selected for the collection of bud wood, the same group of trees may be distinguished.**

- (vi) in case own progeny block is not available, bud wood / scion for pedigree establishment shall be sourced from elite mother plants from research stations of **SKLTSHU**.
- (vii) in case of citrus species, the mother plants should be done viral indexing by citrus virologist / citrus pathologist atleast once in a year provided by **SKLTSHU**.
- (viii) the Nursery owner should have the mother blocks at his own, within the Village/Mandal/Districts with proper records.
- (ix) in case, if the Nursery owner has taken mother blocks on lease within the district / outside district for the collection of bud sticks / scion, the Nursery owner should ensure that the mother plants are healthy, free from pests and diseases, physiological disorders and having good bearing capacity and record of mother trees origin if available approximate age etc.
- (x) in such cases, the Nursery owner should take the lease agreement from the supplier for not less than one year prior to production of plant material.
- (xi) in case if the mother plants are existing outside the district (either own / lease). The competent authority will refer the competent authority of the other district and obtain details, before issuing the licence.
- (xii) in case of citrus species, the mother plants should be away from the nursery site to avoid contamination of pests and diseases and collect the bud sticks from viral indexed mother trees. Field map of bud wood block row wise need to be maintained for easy sample collection for indexing.
- (xiii) **the nursery owner should maintain a register containing the plant protection measures taken up on the scion blocks from time to time.**
- (xiv) **the mother blocks are to be inspected by the inspecting officers, District level team accompanying ADH, Scientist from SKLTSHU and certify the mother trees before collection of scion / buds. The team has to see the indexing report before certification.**

**24. Approximate scion sticks / bud wood that can be collected from the major Fruits crops are as follows:**

S.N	Species	Age of the tree	Avg. No of stick can be collected per plant
1	Mango	5-10 years	250
		> 10 years	500
2	Sapota	5-10 years	200
		> 10 years	300
3	Cashew	5-10 years	125
		> 10 years	300
4	Guava grafts	5-10 years	300
		> 10 years	500
5	Guava Layers (for 2 seasons)	> 5 years	100-150
6	Sweet Orange	> 5 years	200
		> 10 years	500
7	Pomegranate(for 1 year)	2nd year	100
		3rd year onward	200
8	Seethaphal	5-10 years	200
		> 10 years	300
9	Coconut	> 8 years	25-30 no's of successful seedlings per tree

(1) The no. of plants produced should be proportionate to the existing no. of trees in the scion blocks according to the availability of scion sticks shown above with different species either in own plants in the nursery or leased plants with reference to the Fruits species.

(2) For the species which are not mentioned above, may be ascertained with scientists from the Horticulture Research station, **SKLTSHU**.

(3) Regarding Vegetables and Ornamental plants the production capacity should be ascertained with reference to the plant material produced and existing scion blocks by the technical committee or inspection officer during their inspections.

23. (B) CRITERIA FOR MAINTENANCE OF SPICES / VEGETABLES / FLOWERS/ MEDICINAL CROPS NURSERY.

1. Site selection:

The following considerations are made while selecting location and site for successful raising of nursery plants.

- Select the site under open and protected condition
- Avoid the site near and under influence of building.
- Shady sites are not ideal for nursery raising
- Raised area is preferred for nursery as it facilitates drainage of water and avoids water stagnation
- Select the site near the source of irrigation
- Watch hut should be located near the nursery
- Location should be well connected with roads to have an easy access to market

Selection of soil:

- As far as possible, the soil should be sandy loam or loamy.
- It should be well drained and rich in organic matter and free from insect pest and diseases.
- The pH of soil should be in the range of 6-7.
- Acidic and saline soils are not suitable for raising of nursery.

3. Fence:

- A good fence with barbed wire must be erected all around the nursery to prevent trespass of animals and theft.

4. Roads and paths:

- The land should not be wasted by unnecessarily laying out of paths and roads. Each road/ path should lead the customer to a point of interest in the nursery area.

5. Progeny block/Mother plant block:

- The grafts/layers/ rooted cuttings/seedlings should be obtained preferably from the original breeder /research institute from where it is released or from a reputed nursery.

6. Irrigation system:

- Sufficient number of wells to yield sufficient quantity of irrigation water is a must in nurseries.
- In areas with low water yields and frequent power failures, a sump to hold sufficient quantity of water to irrigate the nursery plants is also very much essential along with appropriate pump for lifting the irrigation water.
- An alternate power supply (generator) is very essential for smooth running of pumpset.

7. Building structures (Office cum stores):

- An office-cum-stores is needed for effective management of the nursery.

8. Seed beds:

- In a nursery, this component is essential to raise the seedlings and rootstocks. These are to be laid out near the water source, since they require frequent watering and irrigation.
- Alternatively, sprinkler irrigation system may be provided for watering the beds, which offers uniform germination and seedling growth.

9. Nursery beds:

- Raised beds of 1-meter width of any convenient length are to be made.
- A working area of 60cm between the beds is necessary.
- This facilitates ease in sowing of seeds, weeding, watering, spraying and lifting of seedlings. Irrigation channels are to be laid out conveniently.

10. Potting mixture and potting yard:

- Media for propagating nursery plants.
- Several materials and combination of different materials are available are media for germinating seeds and rooting cuttings.
- A good propagating medium should possess the following characters.

- i. It must be firm and dense to hold the cuttings or seeds in place during rooting or germination.
- ii. It must possess sufficient moisture retaining capacity
- iii. It must be sufficiently porous to permit excess water to drain away and to admit proper aeration
- iv. It must be free from weed seeds, nematodes and pathogens.

11. Propagating Structures:

- Provision for modern propagation structures like green houses, net house and mist chamber etc.
  - These structure provide optimum conditions (light, temperature, moisture and humidity) for seed germination, rooting of cuttings and for hardening of young seedlings before transplanting them in the field.
  - a) Shade Net House:
    - A shade net nursery usually has 20 m x 10 m dimensions. It is erected using GI pipes as a support. UV stabilized HDPE green or black colour shade net of 50 to 75% shade intensity is used to cover the nursery area at a height of 6.5 feet. Wire grid is provided at the top of the structure as support for shade net.
  - b) Net House:
    - To prevent insect entry, 40 mesh UV stabilized nylon insect proof net is fitted on all the four sides of the nursery.
  - c) Poly Tunnel:
    - Provision is also made to pull polythene sheet over the pro-trays in the event of rainfall by way of making low tunnel structure.
    - For preparing low cost polytunnel structure, 3/4" LDPE pipes and 400 gauge UV stabilized polyethylene sheet are used.
    - Sometimes bamboo poles and polysheets may also be used.
  - d) Mist chamber:
    - Mist propagating beds are useful propagating units for the rooting of cuttings, especially those which are difficult to root.
    - A fine mist is sprayed over the cuttings intermittently usually during the day. During the night it is not necessary.
    - It has to be setup the propagation beds of 1.2 m wide.
    - Each bed must be provided with drainage holes for removing excess water from the rooting medium.
12. Pro-trays:
- Pro trays made up of polypropylene may be used.
  - The most commonly used are 98 celled (54x27x4 cm) for tomato, capsicum, cabbage, cauliflower, chilly and brinjal.
  - The holes at the bottom of the cells drain out excess moisture and equal spaced cells facilitate uniform growth of the seedling.

**Note: "Any other infrastructure required may be utilized for raising of nursery seedlings for Horticultural crops."**

**FORM-A**

**(See rule 3 (1))**

**APPLICATION FOR GRANT OF LICENCEE UNDER THE TELANGANA  
REGISTRATION OF HORTICULTURE NURSERIES  
(REGULATION) ACT, 2010**

To

-----  
-----  
-----.

Passport size photograph of the Nursery owner
---

Sir,

As /Sri / Smt ----- S/o / W/o----- R/o-----  
 Wish to establish / conduct a Horticulture Nursery in ----- Village -----  
 Mandal----- District ----- . I may kindly be granted a  
 licence for this purpose as required under the Act. The detailed particulars of the  
 Nursery are given below.

Contact Phone No

1. Name of the Nursery

2. Name & status of owner

Individual / Partnership Central / State Govt.  
SKLTSHU / SAUs / Organization under ICAR/CSIR  
Cooperative Society, Trust, Company, others

3. Year of Establishment (With date / Month)

4. If joint owners No & Names of the owners

Name and full address with phone no's

5. Location of the Nursery

- a. Land survey No.
- b. Village
- c. Mandal
- d. District
- e. State
- f. Nearest Railway station

6. Total area of the Nursery (in Ha) including Mother plants with Survey No.

**A. Details of Mother trees**

**B. Own Mother Trees**

S.No	Village	Mandal	Survey No	Area Ha	Species	Varieties	No. plants	Source plant material	Age		Performance record	
									year	Month	yes	No

\* In case information on source of Plant material is not available, their performance in respect of yield and quality of fruit before being used as mother plant may be given.

**C. Mother plants taken from other source.**

Sl. No	Name of the owner of Mother plant and Address Contact No	Village	Mandal	District	Survey No	Area (Ha)	Species	Varieties	No. of plants	Source of plant material (Mother)	Age		Performance record	
											year	Month		

\* In case of mother plants taken on lease, the registered lease document should be produced indicating, No. of plants species/ varieties wise, age, extent(Ha) performance of yield, lease validity period.

**II.A. Details of mother plants of root stock – Owners Nursery**

S.No	Area (Ha)	Root stock		Sources of Mother plants	No of plants	Age	Performance record	
		Species	Varieties				Yes	No

(B) If the root stock/ seed/plants are not produced at his own, furnish details are as follows.

1. Name of the Nursery owner/ Source

2. Licence No.

S.No	Species (Plants/Seeds)	Varieties	Source of Stock	Address and Contact No	Date of purchase	No. of plants/ Quantity of seed	Performance record	
							Yes	No

**III. Name of Grafted/Budded plants/Rooted cutting.**

S.No	Species (Plants/Seeds)	Varieties	Method of propagation	No. of plants produced		
				Current year		Last two years
				1st	2nd	3rd

**III.(A) Details of proposed Nursery raising for Vegetables/ Spices / Flowers/ Medicinal And Aromatic And Ornamental Crops Seedlings**

<u>S.No</u>	<u>Village</u>	<u>Mandal</u>	<u>Survey No</u>	<u>Area Ha</u>	<u>Crop</u>	<u>No. of seedlings proposed to produce per year</u>	<u>Source of seed</u>	<u>Remarks</u>
1	2	3	4	5	6	7	8	9

**IV. Details of the facilities for production of quality with disease free planting material.**

<u>S.No</u>	<u>Type of infrastructures</u>	<u>Number</u>	<u>Year of erectio / Purchase</u>	<u>Area</u>
1	Poly tunnels			
2	Shade net house			
3	Poly house			
4	Potting shed			
5	Tools and equipment			
6	Certification			
7	Other specify			
<u>8</u>	<u>Insect Net House</u>			
<u>9</u>	<u>Walk – in tunnels</u>			
<u>10</u>	<u>Pro trays</u>			

7. Source of irrigation:

- Ground water
- Surface water
- Micro Irrigation (Drip/ Sprinkler/Micro jets)

8. Details of operations.

<u>Calendar of operations for production of planting material</u>	<u>Input requiremen for production and specifications</u>	<u>Labeling for plant material produced</u>	<u>Record maintenance in production Register</u>

9. Details of Technically qualified staff in the Nursery and their trainings.

<u>S.N</u>	<u>Name of the individual</u>	<u>Qualificatio</u>	<u>Training underwent, if any</u>

**Note:-** Priority shall be given for the students of Horticultural Polytechnic/B.sc (Horti) of **SKLTSHU** during staff recruitment.

**10. Action plan for production of Horticulture plants/vegetable seedlings for next 3 years.**

<u>S.N</u>	<u>Species (Plants/Seeds)</u>	<u>Varieties</u>	<u>Method of propagation</u>	<u>No. of plants proposed to be propagated for next 3 years</u>		
				<u>1st year</u>	<u>2nd year</u>	<u>3rd year</u>

11. Trade Relationship with any recognized Nursery YES / NO  
(If Yes details to be furnished)

12. Period of previous experience in Nursery business? (Indicate in years and year of establishment)

<u>S.No</u>	<u>Year of establishment</u>	<u>Experience in Nursery activity No. of years</u>
<u>1</u>	<u>2</u>	<u>3</u>

13. If so, the no. of Horticulture plants produced and sold, during last (2) years (Furnish the information separately to all species and varieties).

<u>S.No</u>	<u>Year of establishment</u>	<u>No. of plants produced</u>
<u>1</u>	<u>2</u>	<u>3</u>
<u>1</u>	<u>I year</u>	
<u>2</u>	<u>II year &amp; so on</u>	

14. Particulars of application fee paid by challan.

Challan No	Date	Amount

**15. The documents to be enclosed with application**

- (1) The Sketch plan of the area under Nursery with complete infrastructure, land documents like pattadar pass book / adangal / pahani copies of the area.
- (2) Soil and water analysis reports of the Farm are to be enclosed.
- (3) Details of the farm tools and equipment available for control of insects, pests and plant diseases.
- (4) The digital photographs of the location of the Nursery, scion blocks, existing infrastructure and production site are to be enclosed (Minimum 4 photographs)
- (5) Particulars of registration with any agency / Registration No / Fee paid.

**16. Declaration**

1. I hereby declare that the information given above is true to the best of my knowledge & belief.
1. I have read the Act & Rules made there under and under take to fulfill all the conditions prescribed in the Act and rules as may be amended from time to time.
2. I undertake to sell only quality plants at reasonable price.
3. I undertake to obtain any additional requirements of the mother plants & root stock that are at present not available in my Nursery, if any through the competent authority.
4. Furnish the land documents in proof of his land ownership for mother blocks / Nursery (or) Registered lease documents for Mother blocks for collection of scion / Nursery.

I have read the Act and the rules framed there under and shall abide by all the conditions mentioned therein.

**Enclosures**

Date:

Place:

Yours faithfully

(Signature of the Applicant & Name in Block letters)



**FORM - B**  
[See rule (4)]

**REPORT OF THE INSPECTING OFFICER**

**Name:**  
**Designation:**  
**Address:**

I hereby certify that I have inspected the ----- (Name of Nursery) ----  
----- run / owned / managed by Shri / M/s ----- on  
Dated----- And on my personal observation state that \_\_\_

- (i) The applicant has an area of ----- Ha under Nursery, with survey No  
-----, Village -----, Mandal----- and District -----  
(ii)----- progeny tree and the following varieties have been found to be existing at the  
time of inspection:-

S. No	Ownership	Kind of fruit trees	Variety	Performance (yield & quality)	No. of trees	Age of trees	Condition of trees	Area (Ha)
1	2	3	4	5	6	7	8	9
	Own (or) Lease							

**(B) Seedlings of Vegetables/ Spices / Flowers / Medicinal and Aromatic and Oranamental crops:-**

<u>S. No</u>	<u>Ownership</u>	<u>Name of the Crop</u>	<u>Variety</u>	<u>Performance (yield &amp; quality if available)</u>	<u>No. of seedlings</u>	<u>Age of seedlings</u>	<u>Condition of seedlings</u>	<u>Area (Ha)</u>
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>
	<u>Own (or) Lease</u>							

- \* Indicate the details separately for Own / Lease for mother blocks. If it is on lease, the registered lease agreement has to be furnished.
- (iii) A sketch of Nursery and the progeny orchard being maintained by the owner is enclosed;
- (iv) The details of the existing infrastructure in the Nursery;
- (v) The details of production of plant material atleast for (3) years as per the records available in the Nursery or information furnished by the Nursery owner.
- (vi) The Nursery is / is not being kept free form the insects, pests and diseases;
- (vii) The progeny trees are / are not being maintained in good condition;
- (i) The soil is / is not suitable for Nursery production work.
- (ii)The water is / is not suitable for Nursery production work.
- (iii) The Nursery owner is / is not competent to conduct / establish the Nursery on approved lines, for reasons given below;
- (iv) The information supplied by the applicant is / is not correct;
- (v) Additional information
- (vi) I recommend / do not recommend it as a fit case for grant of licence.
- (vii) If not recommended reasons thereof.

Enclosed check list:

Dated:  
Place:

Signature of Inspecting Officer  
Name & Designation (in block letters)  
and seal of the Office

### Check list for the inspection of the Nursery

S.No	Particulars of the Nursery	Remarks of the inspecting officer with reference to the application of the applicant
*1	Name of the Nursery owner with address	
*2	Layout of plant of Nursery, (land utilization details)viz.,	
*3	Total extent of Nursery in acres along with survey no, Layout map (FMS) indicating the borders	
*4	(a) Location of mother blocks/pedigree blocks	
	(b) Production capacity of mother plants (approximately) species wise with reference to the Annexure-IV	Production capacity should be enclosed separately
5	Internal roads and pathways in the Nursery	
*6	Location of plant material production block.	
7	Details of field beds and kinds of varieties of plants in each bed.	
*8	Irrigation source (Bore well / Open well / Tanks / Canals).	
9	Vermicompost units if any	
10	Shade nets, poly house, poly tunnels, <u>Insect net house, Walk – in tunnels, pro trays, sprayers</u> , packing sheds if any	
11	Farm equipment like Tractor, power Tiller, Generator etc.	
*12	Display board in local language showing the plant root stock position and price structure of species/ varieties (as per section 6 (b) (iii) of the Act).	
13	display of board should be given color background with white labeling (as per section 6 (b) (iv) of the Act)	
14	Proper labeling of Horticulture plants intended for sale. (Specify name the species, variety, age, name of root stock) section 6 (f) of the Act.	
15	office building and any other structures available in the Farm	
	<b>Nursery Register</b>	
16	Mother blocks/ pedigree inventory	
17	Root stock, plant material, seeds, production/ procurement.	
18	Production of plant material / sale and distribution of plants (section 6 (g))	
19	<b>Plants Protection</b> measures taken up on mother blocks / scion.	
20	information on Soil and water analysis reports	
21	Details of discarding culled material mother trees infected with pest & diseases, over aged plant material, infected material etc (as per section 7(c)).	
22	Details of exports and imports of plant material (as per section (8)).	
23	Advice from the technical personnel for implementation in the Nursery	
24	Bill books in prescribed format (section 6(i)).	
<u>25</u>	<u>Micro irrigation system (Drip/ Sprinkler/ Micro jets/ Foggers)</u>	

**\* Mandatory requirements.**

Dated:  
Place:

Signature of Inspecting Officer  
Name & Designation (in block letters)

**FORM - C**  
**[See rule (5)]**  
**LICENCE FOR ESTABLISHING / CONDUCTING A HORTICULTURE**  
**NURSERY UNDER THE TELANGANA REGISTRATION OF**  
**HORTICULTURE NURSERIES (REGULATION) ACT, 2010**  
**(ACT NO. 13 OF 2010)**

Licence No ----- Date of  
 Issue ----- Name of the  
 owner ----- Son of -----  
 Name of the Nursery ----- Extent of Nursery (in acres) -----  
 Survey no ----- Village -----  
 Post office ----- Mandal -----  
 District ----- Contact No -----

The above Nursery is hereby granted licence to raise, exhibit for sale and sell for transplantation, fruit plants of the following kinds and varieties:-

S.No	Crop	Variety
1	2	3

**In case of source of scion/ plant material imported from other nurseries within the state or out side the state - details to be furnished.**

S.No	Particulars of imported materia	Quantity (in No.s)	Name & address of the source ( Within the state/ Out side the stat	Registration/License No. or Certification for supply of plant material of supplier
1	2	3	4	5
1	<u>Seedlings/Grafted plant material / Budded plant material for fruit plants/ Seed / Seedlings for transplantable Horticulture plants/ Vegetative plant material</u>			

**Conditions:-**

1. The licence is valid for a period of (3) years from ----- to -----
2. The licensee shall not contravene any of the provisions of Act, or the rules framed thereunder.
3. The licensee shall conduct this business honestly and a in a fair manner.
4. The licensee shall produce his licence or the register and other records required to be maintained under this Act and the rules framed there under on demand by the competent authority or any person authorized by it.
5. The licensee shall not permit evasion or infringement of any of the provisions of the Act or rules framed thereunder and shall report in writing to the competent authority any evasion or infringement which comes to his knowledge.
6. The licensee shall promptly comply with the instructions issued to him in accordance with the rules by the competent authority or by any person authorized by it.
7. If a licensee transfers in a whole or in parts his control over the fruit Nursery to anybody he shall send an intimation of such transfer to the competent authority within a period of one month of the transfer.
8. The licence holder shall keep an updated copy of the Act & Rules
9. The licence holder shall keep a copy of instructions issued by the competent authority and Commissioner of Horticulture.
10. The licence shall be displayed at a prominent and conspicuous place in nursery premises open to the public.

Signature of the Competent  
 Authority with a seal of this office.

**FORM – D**  
**[See rule 6 (1)]**

**APPLICATION FOR RENEWAL OF LICENCE UNDER THE  
TELANGANA REGISTRATION OF HORTICULTURE NURSERIES  
(REGULATION) ACT, 2010**

To

-----  
-----  
-----

Passport size  
photograph of  
the Nursery  
owner

Sir,

As I / we ----- S/o / W/o----- R/o ----- wish to state that we established a Horticulture Nursery in -----Village - -----, Mandal -----, District -----. I/We may request you to renew our licence for this purpose as required under the Act. The detailed particulars of the Nursery are given below:-

1. Name of the Nursery
2. Name & status of owner  
Individual/Partnership Central / State Govt.  
TSHU /SAUs / Organization under ICAR/CSIR  
Cooperative Society, Trust, Company, Others
3. Year of Establishment (with date / month)
4. If joint owners No & Names of the owners  
Name and full address with phone no.
5. Location of the Nursery
  - g. Land survey No.
  - h. Village
  - i. Mandal
  - j. District
  - k. State
  - l. Nearest Railway station
6. Total area of the Nursery (in acres) including Mother plants w  
Survey No.

**II. Details of Mother**

**trees**

**A. Own mother trees**

S.No	Village	Mandal	Survey No	Area (Ha)	Species	Varieties	No. of plants	Source of plant material	Age		Performance record	
									Year	Month	Yes	No

\* In case information on source of Plant material is not available, their performance in respect of yield and quality of fruit before being used as mother plant may be given

### B. Mother plants taken from other source

Sl No	Name of the owner of Mother plants and Address contact No	Village	Mandal	District	Survey No	Area (Ha)	Species	Varieties	No. of plants	Source of plant material (mother)	Age		Performance record	
											Year	Month	Yes	No

\* In case of mother plants taken on lease, the registered lease document should be produced indicating, No. of plants, species/varieties wise, age, extent (Ha) performance of yield, lease validity period.

### II. A. Details of mother plants of root stock – Owners Nursery.

S.No	Area(Ha)	Root stock		Source of Mother plants	No. of plants	Age	Performance record	
		Species	Varieties				Yes	No

(B) If the root stock/seed/plants are not produced at his own, furnish details are as follows

1. Name of the Nursery owner / Source
2. Licence No.

S.No	Species (Plants/Seeds)	Varieties	Source of stock	Address and Contact No.	Date of purchase	No. of plants quantity of seed	Performance record	
							Yes	No

### III. Name of grafted / Budded plants / rooted cutting / Vegetable nurseries

S.No	Species (Plants/Seeds)	Varieties	Method of propagation	No. of plants produced		
				Current year		Last two years
				1 st	2nd	3 <sup>rd</sup>

### III.(A) Details Of Nursery Raising For Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental Crops

<u>S.No</u>	<u>Village</u>	<u>Mandal</u>	<u>Survey No</u>	<u>Area</u>	<u>Crop</u>	<u>No. of seedlings proposed to produce per year</u>	<u>Source of seed</u>	<u>Remarks</u>
1	2	3	4	5	6	7	8	9

### IV) Details of the facilities for production of quality with disease free planting material.

S.No	Type of infrastructures	Number	Year of erection / Purchase	Area
1	Poly tunnels			
2	Shade net house			
3	Poly house			
4	Potting shed			
5	Tools and equipment			
6	Certification			
7	Other specify			
<u>8</u>	<u>Insect Net House</u>			
<u>9</u>	<u>Walk – in tunnels</u>			
<u>10</u>	<u>Pro trays</u>			

**7. Source of irrigation:**

- d. Ground water
- e. Surface water
- f. Micro Irrigation (Drip / Sprinkler)

**8. Details of operations**

Calendar of operations for production of planting material	Input requirement for production and specifications	Labeling for plant material produced	Record maintenance in production Register

**9. Details of Technically qualified staff in the Nursery and their trainings**

S.No	Name of the individual	Qualification	Training underwent, if any

**10. Action plan for production of Horticulture plants/ vegetable seedlings for next 3 years.**

S.No	Species (Plants/Seeds)	Varieties	Method of propagation	No. of plants proposed to be propagated for next 3 years		
				1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year

11. Trade Relationship with any recognized Nursery YES / No  
(If yes details to be furnished)

12. Period of previous experience in Nursery business? (Indicate in years and year of establishment)

13. If so, the no. of Horticulture plants produced and sold, during last (2) years (Furnish the information separately to all species and varieties)

14. Particulars of application fee paid by challan.

Challan No	Date	Amount

**15. The documents to be enclosed with application.**

(1) The sketch plan of the area under Nursery with complete infrastructure, land documents like pattadar pass book / adangal / pahangi copies of the area.

(2) Soil and Water analysis reports of the Farm are to be enclosed.

(3) Details of the farm tools and equipment available for control of insects pests and plant diseases.

(4) The digital Photographs of the location of the Nursery scion blocks existing infrastructure and production site are to be enclosed. (Minimum 4 Photographs).

(5) Particulars of registration with any agency / Registration no / Fee paid.

(6) Particulars of previous licence:

1. Date of issue: -----

2. No. of licence: -----.

(7) Are there any complaints against previous licence holder  
Yes/No.

(8) Performance of the Nursery owner during the period of licence  
(Statement may be enclosed)

<u>S.No</u>	<u>Year of production</u>	<u>Species Name</u>	<u>Quantity produced (in No.s)</u>	<u>Quality of plant material with ref to genotypical characters &amp; physical condition of the plant</u>	<u>Good/ Poor</u>
1	2	3	4	5	6

(9) **Declaration:-**

1. I hereby declare that the information given above is true to the best of my knowledge & belief.
2. I have read the Act & Rules made there under and under take to fulfill all the conditions prescribed in the Act and rules as may be amended from time to time.
3. I undertake to sell only quality plants at reasonable price.
4. I undertake to obtain any additional requirement of the mother plants & root stock that are at present not available in my Nursery, if any through the competent authority.
5. Furnish the land documents in proof of his landownership for mother blocks/ Nursery (or) Registered lease documents for mother blocks for collection of scion / Nursery.

I have read the Act and the rules framed there under and shall abide by all the conditions mentioned therein.

Date:

Yours faithfully

Place:

(Signature of the Applicant & Name in Block letters)

**FORM – E**  
**(See Rule (7))**  
**RENEWAL OF LICENCE**

Original Licence No.----- Date----- of Issue: -----

This licence is renewed -----.

Period of renewal	Validity		Signature of the competent authority with seal of his office
	From	To	
1	2	3	4

**Conditions:**

1. The licence is valid for a period of (3) years from ----- to -----
2. The licensee shall not contravene any of the provisions of Act, or the rules framed thereunder.
3. The licensee shall Conduct this business honestly and a in a fair manner.
4. The licensee shall produce his licence or the register and other records required to be maintained under this Act and the rules framed there under on demand by the competent authority or any person authorized by it.

5. The licensee shall not permit evasion or infringement of any of the provisions of the Act or rules framed there under and shall report in writing to the competent authority any evasion or infringement which comes to his knowledge.
6. The licensee shall promptly comply with the instructions issued to him in accordance with the rule by the competent authority or by any person authorized by it.
7. If a licensee transfers in a whole or in parts his control over the fruit Nursery to anybody he shall send an intimation of such transfer to the competent authority within a period of one month of the transfer.
8. The licence holder shall keep and updated copy of the Act & Rules.
9. The licence holder shall keep a copy of instructions issued by the competent authority and Commissioner of Horticulture.
10. The licensee shall be displayed at a prominent and conspicuous place in nursery premises open to the public.

**FORM - F**  
(See Rule (8))

**REGISTER OF LICENCES TO BE MAINTAINED BY THE COMPETENT AUTHORITY**

S.No	Name of the Nursery	Name of the Nursery owner and Address	Licence No	Date of issue	Licence granted for the Nurseries		
					Mother plant for scion stick	Mother plants for root stock	Species to be produced
1	2	3	4	5	6	7	8

**FORM - G**  
(See Rule (9))

**MAINTAINANCE OF RECORDS BY LICENCEE**

S.No	Record of origin of plants	Source of every root stock	Source of every scion
1	2	3	4
	(1) Botanical Name (2) Local Name		

**B. Seedlings of Vegetables/ Spices / Flowers/ Medicinal and Aromatic and Ornamental Crops**

Sl. No	Source of seed / propagating material	Name of the company	Lot Number & Batch number	Date of packing	Date of expiry	Date of sowing	Number of seedlings produced	Number of seedlings sold	Date of sale	Unit sale price
	2	3	4	5	6	7	8	9	10	11
	(1) Botanical Name (2) Local Name									



**FORM - H**  
(See Rule (10))

**MAINTENANCE OF REGISTER OF SALE OF PLANTS**

S.No	Name of the Horticulture plant	Name of the person & address to whom the nursery plants are sold	Plant age (Years & months)	Name of the root stock, scion, stock or bud wood
1	2	3	4	5

**B. Seedlings of vegetables/ spices / flowers/ medicinal ,Aromatic and Ornamental crops.**

<u>Sl. No</u>	<u>Source of seed / propagating material</u>	<u>Name of the company</u>	<u>Lot Number / Batch number</u>	<u>Date of packing</u>	<u>Date of expiry</u>	<u>Date of sowing</u>	<u>Number of seedlings produced</u>	<u>Number of seedlings sold</u>	<u>Date of sale</u>	<u>Unit sale price</u>
2	3	4	5	6	7	8	9	10	11	12
	(1) Botanical Name (2) Local Name									

**FORM - I**

(See Rule (11))

**REGISTER TO BE MAINTAINED BY THE LICENCEE FOR PLANT PROTECTION MEASURES**

S.No	Name of the competents			
1	Water quality			
2	Soil quality			
3	Surrounding Air pollution			
4	Pesticides to control diseases and pests			
5	Fertilizers for better growth & development of the plants			

**FORM - J**

(See Rule (12))

**REGISTER FOR PERFORMANCE OF THE PROGENY ORCHARD**

S.No	Name of the progeny trees	No of the progeny trees grown & age of the trees	No. of plants produced	No. of plants ready for sale & age of the plants
1	2	3	4	5

**(B) Seedlings of vegetables/ spices / flowers/ medicinal and Aromatic and Ornamental crops**

<u>Sl. No</u>	<u>Source of seed / propagating material</u>	<u>Name of the company</u>	<u>Lot Number / Batch number</u>	<u>Date of packing</u>	<u>Date of expiry</u>	<u>Date of sowing</u>
	2	3	4	5	6	7
	(1) Botanical Name (2) Local Name					

**FORM - K**

(See Rule (13))

**APPLICATION FOR PERMIT TO IMPORT/EXPORT FOR HORTICULTURE PLANT MATERIAL FOR SOWING/ PLANTING U/S 8 OF THE TSHN(R) ACT**

To  
The Secretary to Government,  
Agriculture & cooperation Dept,  
Secretariat,  
Hyderabad.

The undersigned hereby applies for a permit authorizing the import/ export of horticulture plant material for propagation as per the details given below:

(Please write/type in Block Letters)

1. Name and address of importers:
- 2.

S. No	Description of plant material local name and botanical name to be import/export	Name of Hybrid / variety	Quantity	
			No. of packs/boxes/bundle / <u>plants/ trees</u>	Total weight or total No. of propagating material
1	2	3	4(a)	4(b)

3. Procedure for propagation of horticulture plant material to be imported/exported.
4. Name and address of the nursery owner
5. Name and address of consignor:
6. Country and locality in which horticulture plant material grown:
7. Foreign port of shipment/Airlift/Road or Railway transit.
8. Approximate date of arrival of consignment in India and name of Air / Sea port / Road or Railway.
9. Quality certificate issued by the District level committee.

**10. DECLARATION:**

I declare that the information furnished is correct to the best of my knowledge and belief.

I undertake to produce an official Phytosanitary Certificate with additional declarations, if any, as specified in the permit.

I also undertake to pay to the Plant Protection adviser or the officer duly authorized by him, the prescribed fees to meet the cost of inspection, fumigation, disinfestations and disinfection of the consignment referred to above.

Place:

Date:

Signature of the importer or his authorized agent

**FORM - L**  
(See Rule (13))  
**PERMIT FOR EXPORT / IMPORT / TRANSPORT OF HORTICULTURE PLANT MATERIAL.**

Permit No:----- Date: -----  
Valid From ----- to -----  
R/o ----- Village:-----  
Mandal: ----- District: -----  
Permitted to export / import / transport the following material.

Name of the Plant material	Quantity of the material	<u>Mode of transportation</u>	Name of the place / country full address
1	2	3	4

**Conditions:-**

- 1) The permit shall be shown to the authorization whenever they direct.
- 2) The permit shall not transferable.
- 3) The permit holder shall follow the Act, Rules and instructions.

**Signature of the Authority**

**(Official Seal)**

**FORM - M**  
(See Rule (16))  
**APPEAL UNDER SUB-SECTION (1) OF SECTION 12**

To  
The Commissioner of Horticulture,  
Government of **Telangana**,  
Public Gardens, Hyderabad.

Sir / Madam,

Sub:- Appeal under sub section(1) of section 12 of the TSHN (R) Act 2010.

Ref:- 1) Order No ----- Date: ----- from the  
Competent Authority ----- (Copy Enclosed).

2) Challan No: -----, Date: -----

<<<>>>

I respectively submit the brief facts of the base and grounds of appeal.

**BRIEF ACTS**  
**GROUND**

- 1)
- 2)
- 3)
- 4)
- 5)

**Signature of the Appellant.**

**FORM - N**  
**(See Rule (17))**

**INSPECTION REGISTER TO BE MAINTAINED BY THE NURSERY OWNER TO  
HAVE RECORD OF THE INSTRUCTIONS GIVEN BY INSPECTION OFFICER.**

<b>S.No</b>	<b>Date of inspection</b>	<b>Name of the inspection officer</b>	<b>Instructions given by the inspection officer</b>
1	2	3	4

**C.PARTHASARATHI**  
**APC & SECRETARY TO GOVERNMENT**

**SECTION OFFICER**