



Sher-e-Kashmir
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Advisory for Rice Growing Farmers of Valley

Seed selection and procurement:

1. Rice variety should be selected according to the altitude and ecology of the region:
 - *Shalimar Rice-1* and *Shalimar Rice-3* are blast tolerant varieties recommended for areas below an altitude of 1650 meters above mean sea level.
 - *Shalimar Rice-4* is recommended upto an altitude of 1700 meters above mean sea level.
 - *Shalimar Rice-2* is recommended for low lying and water logged areas.
 - *K-332* and *Shalimar Rice-5* are cold tolerant rice varieties suitable for higher belts of an altitude above 2000 meters.
2. Rice seed should be procured from a reliable source such as: Mountain Research Centre for Field Crops, Khudwani Anantnag, Faculty of Agriculture Wadura Sopore, SKUAST-K Shalimar campus Srinagar, all KVKs of SKUAST-K and seed stores of Department of Agriculture, J&K Govt.

Seed sowing & Nursery management:

1. Normal sowing time in the Valley extends from 3rd week of April to second week of May.
2. A well drained area of 1/20th of the area to be transplanted is selected for nursery (For one hectare land, a nursery area of one kanal is required)
3. Plough the nursery area 2-3 times and puddle it in 2-3cm of water. The nursery beds should be 1.0-1.5 meters in width and of any convenient length.
4. Seed should be sown at seed rate of 3 kg per kanal for transplanted rice in lower belts and 4 kg per kanal for higher belts of the valley.
5. Pre-sowing treatment by overnight soaking of seeds in 0.06% suspension of Tricyclazole 75 WP or 0.1% Carbendazim 50WP is highly recommended.
6. Soak the seeds in water for 24 hours and incubate for 36 to 48 hours. Seeds should not be over-sprouted. Length of the sprout shall be less than the length of grain itself.

7. Apply 1.5-2 kg well decomposed farmyard manure plus 0.5 kg of ash/m² of nursery area for better growth of seedling and building soil quality. Also apply 275g Urea, 450g DAP and 200g MOP per marla (25 m²) of nursery as basal dose.
8. Broadcast pre-germinated seeds uniformly in seed bed and maintain 2-3 cm of water till pre-germinated seeds are established in the bed.
9. In case any disease symptom is observed in nursery, spray with Tricyclazole 75WP @ 0.06% (0.6g per liter water).
10. One or two drainage periods of 12-24 hours are beneficial during first few days of nursery establishment.
11. Protected nursery under a polythene tunnel is recommended when night temperature falls below 10 °C. Remove the polythene cover during sunny days.
12. Apply 250g Urea per marla as top dose ten days before uprooting the nursery.
13. The transplanting should be completed between last week of May to 2nd week of June when the rice seedling is 28-30 days old. Any delay in transplanting beyond this date results in a significant yield decline.


Director Extension

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- Director Doordarshan Srinagar Kashmir
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- Secretary to Vice Chancellor for kind information of Hon'ble Vice Chancellor, SKUAST-K
- PA to Director Extension for kind information of Worthy Director Extension, SKUAST-K
- I/C ARIS with the request to kindly upload the advisory on the university website