

REVISED ASC SPECIFICATION NO. 54(A)

DAL MOONG

1. **Quality.** Dal Moong Shall consist of the split seeds of the green lentil (*Phaseolus mungo*). It shall be in the form of split, bean-shaped seeds, of light green colour, dry and hard. The dal shall be of the current season's crop and shall be sound, dry, sweet, clean and wholesome.

Dal Moong damaged by insects, moulds, other infections, foreign grains and other impurities shall not exceed the proportion indicated in para 5 below.

The dal shall be of one variety and shall have good cooking quality.

2. **Packing.** Dal Moong shall be packed in contractor's non-returnable packs. Dal Moong to be supplied in polyethylene bags and shall be heat sealed at both ends. Material for the packing must be made of such material which does not affect quality and ingredients of Dal Moong. Each polyethylene bag shall contain 05 kg/01 kg/500 gm net Dal Moong. The plastic bag shall be secured in 25 kg Nylon woven bags. Each of woven nylon bags will be of 75 cm (+/-10cm) X 60 cm (+/-10 cm). Mouth of the woven bags. Each of woven nylon bags will be of 75 cm (+/-10 cm) 60 cm (+/-10 cm). Mouth of the nylon woven bags shall be secured with machine stitch. Mouth of the nylon woven bag shall be stitched as such so that 10 cm space is kept on the mouth of the bags. Ratio of 05 kg/01 kg/500 gm kg plastic bags is 40%, 40% and 20% respectively or as specified in the final contract subject to be confirmed from the user/indenter.

3. **Marking.** The bag shall be stenciled on one side as follows:

- a. Dal Moong (in 3 inch characters).
- b. Net weight.
- c. Gross weight
- d. Date of packing.

4. **Hygiene.** The dal shall be cleaned and bagged in premises maintained in hygienic condition which shall be open to inspection at any time by a competent authority approved by the Director-General, Medical Services. The basic hygiene requirements in a factory supplying products for the Defence Services shall be as stated in Appendix II to these specifications.

In addition all machinery together with the associated conveyors and spouting will be kept free from insect infestation by the employment of manual cleaning. This manual cleaning shall be supplemented at regular intervals by the employment of such special disinfestation and cleansing measures as may be prescribed by the Director-General, Medical Services.

5. **Inspection.** All consignment of dal moong shall be inspected by an officer acting on behalf of the Director of Supplies and Transport before the dispatch of such consignments from the Military Grain Depot. This inspection will be carried out after the consignment has been cleaned or otherwise treated and rebagged, and after reconditioning, if such treatment has been recommended by the inspecting officer.

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On appeal by the Government Purchasing Agents against any ruling of the inspecting officer, this officer will draw (in accordance with annexure A to the Purchasing Agents Contract) samples from the consignments in question and submit them to the Director of Supplies and Transport for examination. The decision of the Director of Supplies and Transport in respect of such consignments shall be final

(a) Moisture Content. The percentage of moisture shall not exceed:

During Monsoon period	12 Per cent.
During Non- Monsoon period	11 per cent.

(b) Admixtur. Proportions shall not exceed:

- i. Dirt. (All extraneous matter other than food-grains, non-foodgrains and seeds). 0.5 per cent.
- ii. Foreign Foodgrains (All foodgrains other than the variety of dal being Examined) 0.5 per cent.
- iii. Damaged and touched grains.
- iv. Grain Fragments (Chunni)
- v. Insect damaged grains.
January to March
April to June
July to new crop

(c) Whole grains.

(d) Unripe grains.

(e) Kesari Peas.

(F) Unhusked grains.

(g) Dal Urd in Moong.

(h) Excess over the free limits. Deliveries of dal moong containing refractions reasonably in excess of the free limits may be accepted provided that the deliveries, in other respects are fit for acceptance:

- | | |
|-------------------------------|-------------------------------|
| I. Dirt | At full contract price. |
| II. Insect damaged grains | At full contract price. |
| III. Foreign foodgrains | } At half the contract price. |
| IV. Damaged and touched grins | |
| V. Shrivelled grains | |


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6. **Test Parameters and Expected Limits.** Various parameters of Dal Moong should be as stated below:

a. **Moisture contents.** The percentage of moisture shall not exceed:

- (1) During monsoon period - 12%.
- (2) Durung non-monsoon period-11%.

b. **Admixture.** Proportion shall not exceed:

- (1) **Dirt.** (All extraneous matter other than food grains, non-food grains and seeds)-0.5%.
- (2) **Foreign Food grains.** (All food grains other than the variety of dal being examined)- 0.5%.
- (3) **Damaged and touched grains** - 1.5%^m
- (4) **Insect Damaged Grains:** Nil

- c. Split grains - Upto 8%.
- d. Unripe grains - 1.0%.
- e. Unhusked grains - 1.0%
- f. Grain size - 2.3 to 4.1 mm diameter.

7. **Excess over the free limits.** Deliveries of Dal Moong containing refractions reasonably in excess of the free limits may be accepted subject to recovery of under mentioned allowances in payment provided that the deliveries, in other respects are fit for acceptance :-

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|-------------------------------|---|--------------------------------|
| a. Dirt | - | At full contract price. |
| b. Insect damaged grains | - | At full contract price. |
| c. Damaged and touched grains | } | At half of the contract price. |
| d. Shriveled grains | | |
| e. Split Grains | | |
| f. Unripe grains | - | All full contract price. |
| g. Unhusked grains | - | All full contract price. |


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