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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 3004.3-2018

**Walnut - Part 3: Standard for the cultivation and grading of
walnut grafted seedlings**

核桃标准综合体 第3部分：核桃嫁接苗培育和分级标准

(English Translation)

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Foreword

LY/T 3004 "Walnut" is divided into the following 8 parts.

- Part 1. Terminology of walnuts;
- Part 2. Breeding standards for walnut varieties;
- Part 3. Cultivation and grading standards for walnut grafted seedlings;
- Part 4. Technical regulations for high-quality and high-yield cultivation of walnuts;
- Part 5. Technical rules for the improvement of walnuts;
- Part 6. Walnut harvesting and post-harvest treatment;
- Part 7. High-yield indicators of walnut nuts;
- Part 8. Quality and testing of walnut nuts.

This part is the third part of LY/T 3004.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part is proposed and managed by the National Technical Committee for Standardization of Economic Forest Products (SAC/TC557).

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1 Scope

This part of LY/T 3004 stipulates the selection and arrangement of sorghum for the cultivation of walnut grafted seedlings, the cultivation and grafting of rootstock seedlings, and the fake seedlings.

Techniques such as planting, packaging and transportation, quality grade indicators, measurement methods and acceptance rules.

This section applies to the cultivation, grading, inspection and sale of walnut grafted seedlings.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 6000 Main afforestation tree seedling quality grading GB/T 6001 nursery technical regulations

3.1 Selection

Choose flat terrain, fertile soil, loose soil, soil thickness >1m, good drainage, irrigation conditions, groundwater level below 2m, light Take plenty of sandy loam or loam. Not suitable for continuous operation.

3.2 Preparation for bed

Before sowing, apply 4,000kg~5000kg of fully decomposed organic fertilizer per 667m², deepen and mix the whole sputum, and smooth the sputum in time.

Before the seedlings, the whole shallow ploughing, the depth is 15cm~20cm, and the rafting is made into a bed or a ridge. It is suitable for bed in the north, the bed surface is 1.0m~1.5m wide, and the trail is the width is about 40cm, the bed surface is lower than the trail 15cm~25cm, the length of the seedbed depends on the terrain, generally 10m~20m; the south is suitable for ridges and ridges.

The height is 20cm~30cm, the width of the ridge is 15cm~25cm, the distance from the center of the ridge is 70cm, and the length of the ridge is 20m~30m.

4.1 Cultivation of seedlings

It is advisable to use local walnut rootstock to cultivate seedlings of solid rootstock.

4.1.1 Seed Selection

Choose the nuts of the year that are fully mature, full of kernels, large and uniform, free from pests and diseases, mildew-free, and naturally dry.

4.1.2 Seed storage

Place the seeds in a container such as a sack and store in a dry, cool place.