



THAI AGRICULTURAL STANDARD

TAS 5001-2009

ORCHID CUT FLOWER

National Bureau of Agricultural Commodity and Food Standards

Ministry of Agriculture and Cooperatives

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Following the Notification of the Ministry of Agriculture and Cooperatives on Orchid (TAS.500-2547) on 26 April 2004 published in the Government Gazette, General Issue on 7 June 2004 to improve the consistency of the content in the standard with the changing circumstances and be within the basis most of the producers could comply with; the Agricultural Standards Committee therefore deems expedient to improve the previous standard so it could be acceptable by both domestic and international consumers.

The establishment of this standard is based on the information of the following documents:

TAS 5000-2547. Thai Agricultural Standard on Orchid. National Bureau of Agricultural Commodity and Food Standards (ACFS).

AGRI/WP.1/46, Revised 1994. UN/ECE Standard H-1: Standards for Cut Flowers. The United Nations Economic Commission for Europe (UNECE).



NOTIFICATION OF THE MINISTRY OF AGRICULTURE AND COOPERATIVES

SUBJECT: THAI AGRICULTURAL STANDARD:

ORCHID CUT FLOWER

B.E. 2552 (2009)

Whereas the Agricultural Standards Committee deems necessary to establish an agricultural standard on Orchid Cut Flower in accordance with the Agricultural Standard Act B.E. 2551 (2008) to promote such agricultural commodity standard to meet its quality standard and safety.

By virtue of Section 5, Section 15 and Section 16 of the Agricultural Standards Act B.E. 2551 (2008), the Minister of Agriculture and Cooperatives hereby issues this Notification on Establishment of Thai Agricultural Standard: Orchid Cut Flower as follows:

1. The Notification of the National Committee on Agricultural Commodity and Food Standards entitled the establishment of Thai Agricultural Commodity and Food Standard: Orchid Cut Flower dated 7 June is repealed.

2. Thai Agricultural Standard on Orchid Cut Flower (TAS 5001-2009) is established as voluntary standard, details of which are attached herewith.

Notified on 1 October B.E. 2552 (2009)

(Mr. Theera Wongsamut)

Minister of Agriculture and Cooperatives

THAI AGRICULTURAL STANDARD

ORCHID CUT FLOWER

1 SCOPE

This Thai Agricultural Standard applied to orchid cut flower of all genus in the family Orchidaceae for commercial purposes.

2 DEFINITIONS

For the purpose of this standard:

2.1 Orchid Cut Flower means a fresh complete form of inflorescence with the complete stem and flower.

2.2 Inner box means a box used for containing orchid cut flower which has already been packed in a bag or wrapped; the details of orchid cut flower shall be clearly indicated on the box.

2.3 Master box means a box used for containing orchid cut flower for transportation; the details of orchid cut flower shall be clearly indicated on the box.

2.4 Pest means living organisms such as plant pathogens, insects, animals and weed injurious and damaging to plant.

3 DESCRIPTION OF PRODUCT

The orchid cut flower under this standard is a type of cut flower which is in a form of bundle contained in a bag or a wrap. There shall be detailed information on number of cut flowers, class and sizes indicated on inner and/or master box.

4 QUALITY REQUIREMENTS

4.1 Minimum requirements

All orchid cut flower classes shall have the following qualities, unless otherwise requirements and tolerance specified by each class.

4.1.1 The number of opened flowers shall not be less than 40% total flowers on the stem except Dendrobium, the blooming flowers shall not be less than 4 flowers.

4.1.2 Fresh, clean, no pest found.

4.1.3 Free from defects and bruises.

4.1.4 No irregular shape of stem and flower.

4.2 Classification.

Orchid cut flowers under this standard are divided into three classes (Figure A.1) as follows:

4.2.1 Extra Class

All parts of orchid cut flowers shall have qualification in accordance with section 4.1 and shall have the flower form and color typical of the variety except for the number of opened flowers which shall not be less than 65% of total flowers on the stem.

4.2.2 Class I

All parts of orchid cut flowers shall have qualification in accordance with section 4.1 and shall have the flower form and color typical of the variety except for the number of opened flowers which shall not be less than 55% of total flowers on the stem.

4.2.3 Class II

This class shall have the quality not qualified to the upper classes, but not lower than the minimum requirements as stated in section 4.1.

Note: The orchid cut flowers of all classes may have a removed flower trace if the form is not altered.

4.3 Sizing

Code shall be given to different sizes according to the length of orchid cut flower which is measured from stem base to tip as follows:

Sizing Code	Orchid Cut Flower Length Span (cm)
1	Less than 35
2	35 to less than 45
3	45 to less than 55
4	55 to less than 65
5	65 to less than 75
6	75 to less than 85
7	85 to less than 95
8	95 to less than 105
9	From 105 onwards

Classification and sizing of orchid cut flower under this standard could be referred for commercial purpose by combining classification and sizing for trading requirement. Occasionally, trading partners may use the different commercial names, depending on their requirements or seasoning.

5 TOLERANCES

5.1 Quality tolerances

5.2.1 Extra Class

The tolerance shall not be exceeded 5% by extra class by number of orchid cut flower but comply with Class I by number of orchid cut flower.

5.2.2 Class I

The tolerance shall not be exceeded 10% by Class I by number of orchid cut flower but comply with Class II by number of orchid cut flower.

5.1.3 Class II

The tolerance shall not be exceeded 10% by number of orchid cut flower not complied with the minimum requirements (Section 4.1) and shall not contain defected flowers.

6 PACKAGING

6.1 Uniformity

Orchid cut flower which is in a form of bundle contained in a bag or a wrap shall be uniform in size and quality class.

6.2 Inner Box

6.2.1 An inner box shall be fabricated with a new, clean and good quality material to prevent any damage on the orchid cut flower.

6.2.2 Each unit of the inner box shall contain the number of orchid cut flowers in the quantity which does not affect the quality of the orchid cut flowers.

6.3 Master Box

The master box shall be fabricated with a new, clean, well ventilated, free from odor and foreign matters that may affect on the quality of the orchid cut flower and durable for transportation.

7 LABELING

The information of the orchid cut flower shall be indicated on the label or on each box in accordance with the provision of relevant laws, and at least shall have the statement that shall be easily seen and not fault or deceptive as follows:

7.1 Information on the inner box;

7.1.1 Genera and/or cultivar and/or variety and/or trade name of the orchid cut flower;

7.1.2 Quality class;

7.1.3 Size code and/or specified size according to the agreement with the trading partners;

7.1.4 Number of orchid cut flowers;

7.1.5 Trademark (if any);

7.2 Information on the master box;

7.2.1 Exporter code and/or the trader code;

- 7.2.2 Genera and/or cultivar and/or variety and/or trade name of the orchid cut flower;
- 7.2.3 Quality class;
- 7.2.4 Country of production;
- 7.2.5 Exporter and/or the trader's address;
- 7.2.6 Where there is no inner box, additional information as stated in section 7.1.3 and 7.1.4 shall be indicated.

8 OFFICIAL OR CERTIFICATION MARK

The mark shall be in accordance with the criteria and conditions provided for by the Agricultural Standards Committee or certification body.

9 SAMPLING

The sampling shall be in accordance with relevant laws or sampling standard or the trading partners requirements.

ANNEX A

SUPPORTING PHOTOGRAPH

(Item 4.2)



Figure A.1 Samples of Quality Classification