

PHILIPPINE NATIONAL STANDARD

PNS/BAFPS 24:2005
ICS 65.020.20

Fresh cut flowers – Roses – Specification



BUREAU OF PRODUCT STANDARDS

Foreword

This Philippine National Standard for Roses was initially drafted by the staff of the Bureau of Plant Industry (BPS) and the Bureau of Agriculture and Fisheries Product Standards (BAFPS) during the consultative meeting on the Flower Festival Show in Baguio City in 2002.

In 2004, BAFPS conducted series of technical reviews and public consultations on the draft standards of roses prior to its approval.

The Technical Committee and Sub-Committees of BAFPS organized through the Special Order No. 411, series of 2001 recommends the following references:

Malaysian Standards Specification for Fresh Rose Cut Flowers (Standard type): MS 1280:1992; Standard and Industrial Research Institute of Malaysia (SIRIM).

Florists Association of America.

Fresh cut flowers– Roses – Specification

1 Scope

This standard establishes a system of grading and classifying fresh roses cutflowers of all general and varieties for ornamental purposes.

2 References

The titles of the standards publications referred to in this standard are listed on the inside back cover.

3 Definitions

For purposes of this standard, the following definitions shall apply:

3.1**a unit presentation**

the smallest unit of each presentation (bundle, consumer pack)

3.2**bent neck**

the portion of the stem immediately below the flower becomes limp causing the flower bud to bend to one side, caused by lack of water uptake by the stem

3.3**blown head**

a flower which is over-mature or excessively open

3.4**bullhead**

a flower that has overlapping petals in the center of the flower bud. Usually, outer petals will open to reveal a “ball” shaped center of overlapping or interlocked petals. The flower has also shorter, broader and more petals and petaloids than normal flowers

3.5**fresh rose cutflower**

a fresh flower of *Rosa hybrida* plant complete with stem, foliage and flower. The fresh cutflower shall be referred to as the Rose

3.6**guard petal**

the outermost petal on the flower bud which provide a natural protection to the flower. This can sometimes be damaged during handling and may be removed just prior to sale to the consumer without detracting from the value of the flower

3.7

hydration

placing roses in special solution with pH 4.0 to 4.5 that enhance the absorption of water

3.8

package

the smallest master carton with marking as specified in clause 8 that contains the Rose

4 Minimum requirements

4.1 The rose shall have reached an appropriate stage of development.

4.2 Flowers within each bunch shall be uniform in color and stage of openness

4.3 Flowers shall be free from discoloration, and damage caused by insects or diseases and chemical residues. There shall be no bullheads.

4.4 Stems and foliage on the upper 2/3 of the stem shall be light to dark green.

4.5 Foliage and stems shall be free from damage caused by insects, diseases and chemical residues. They must be free from physical damage (bruises and breakage) including spots, holes, rotted tissues, wilting or discoloration.

NOTE Occasional browning or yellowing of leaf edges might occur on certain varieties on a seasonal basis.

5 Classification and sizing

The quality of the rose shall be classified into four classes according to their general appearance and physical characteristics.

5.1 Extra class

The rose in this class shall be of superior quality. In addition to the minimum quality requirements, it shall also have the following characteristics:

- a) Minimum stem length of 70 cm (28 inches) measure from neck to base;
- b) One (1) flower per stem; and
- c) Stem strength of 20 ° to the vertical and deviation not more than 2.5 cm.

5.2 Class I

In addition to the minimum quality requirements, this class shall have the following characteristics:

- a) Minimum stem length of 65 cm (25 inches) measure from neck to base;
- b) One (1) flower per stem; and
- c) Stem strength of 20 ° to the vertical and deviation not more than 2.0 cm.

5.3 Class II

Class II shall have the following characteristics:

- a) Minimum stem length of 55 cm (22 inches) measure from neck to base;
- b) One (1) flower per stem; and
- c) Stem strength of 20 ° to the vertical and deviation not more than 2.0 cm.

5.4 Class III

Class III shall have the following characteristics:

- a) Minimum stem length of 48 cm (19 inches) measure from neck to base;
- b) One (1) flower per stem; and
- c) Stem strength of 20 ° to the vertical and deviation not more than 1.5 cm.

6 Tolerances

6.1 Quality tolerances

6.1.1 Extra class and class I – Five percent of the rose, by number, may have slight defects on condition that the uniformity of the flowers in a package is not affected and that the defects in question may not impair the utility of the flowers.

6.1.3 Class II and class III – Ten percent of the rose, by number, may have slight defects on condition that the uniformity of the flowers in the package is not affected and that the defects in question may not impair the utility of the flowers.

6.2 Length tolerance

In all classes, ten percent of the roses, by number, may vary from the length requirements of the length code, but not to exceed 5 cm, provided the length does not fall below the minimum length set for each class.

7 Packaging

7.1 Flowers shall be packed by bulk or by count, the total depending on box size and customer order. A consumer pack (if not bunched) may contain multiples of five or six depending on box size. Ten (10) to twelve (12) blooms are usually bunched or bundled.

7.2 Each unit presentation (if bunched) shall be properly bunched, tied and sleeved with appropriate materials.

7.3 Each package may contain rose of all cultivars but shall be of same quality classification.

7.4 The roses shall be packed properly and handled with care. The materials used inside the package shall be clean and such quality shall be protected from external and internal damage to the flowers.

8 Labeling and marking

Each package shall be marked legibly and indelibly or a label shall be attached to the package with the following information:

- 8.1** Quality classification, length code and flower form;
- 8.2** Number of roses;
- 8.3** Name and address or registered code of supplier and/or exporter;
- 8.4** The word “Product of the Philippines”.

9 Sampling

Sampling size for certification purposes shall be based on the accepted statistical sampling scheme as agreed upon between the certifying agency and the supplier and/or exporter

10 Compliance with specification

When found to comply with the requirements specified in this Philippine National Standard, the lot, the batch or the consignment from which the samples have been drawn, shall be deemed to comply with this Philippine National Standard Specification.

References

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Malaysian Standards: Specification for Chrysanthemum Cut Flowers (Standard type):
Standard and Industrial Research Institute of Malaysia (SIRIM).

Recommended Grades and Standards for Fresh Cut Flowers. Floral Marketing Association, 1500 Cacho Mill Road, P.O. Box 6036, Newark, Delaware 19714-6036.

B P S

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