

Dianthus

Flower

Botrytis

Description: the flower turns brown.

Reject: standard carnation: if more than 50% of the petals show marks larger than 25% of the total area.
spray carnation: if more than 50% of the open flowers + coloured buds show marks larger than 25% of the total area.

Shrinkage

Description: wilting followed by contraction and dark discolouration of the petals in rapid succession.

Reject: standard carnation: if the stage illustrated in the photo has been reached.
spray carnation: if more than 50% of the flowers and coloured buds has reached the stage illustrated in the photo.



Brown edges

Description: the edges of the petals turn brown.

Reject: standard carnation: if 5 or more petals show clearly visible brown edges.
spray carnation: if more than 50% of the open flowers and coloured buds show clearly visible brown edges.

End of flowering

Description: the petals wilt outwards and/or the flower's heart becomes visible and/or the petals shrivel after some time.

Reject: as soon as the flower has visibly wilted and/or the petals have shrivelled.

Flowering percentage

Record: the flowering percentage is the ratio between the number of open flowers and the total number of buds (= exclusive of the buds that feel empty and show no colour when pinched).

Flowering percentage

Record: the flowering percentage is the ratio of the number of opened buds and the total number of buds (= buds that do not feel empty and that show colour when pinched).

Discolouration

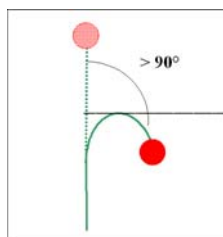
Record: the edges of the petals turn blue or a darker colour and/or the entire flower becomes paler.

Stem

Desiccated/wilting stems

Description: the stems shrivel and bend just beneath the bud.

Reject: spray carnation: if more than 50% of the open flowers is at an angle of more than 90° relative to the stem (see the figure).



Bending

Description: the stem bends/snaps.

Reject: when detected.

Drooping

Record: the stem droops.

Foliage

Yellow/brown foliage

Description: the leaves turn yellow and/or brown.

Reject: if more than 50% of the total leaf area and/or 50% of the total number of leaves has turned yellow or brown.

Source: Association of Dutch Flower Auctions and Research Station for Floriculture and Glasshouse Vegetables.

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