

Storage spring bulbs

Guidelines for storing flower bulbs

This temperature storage chart has been drawn up for dry sales! Modified preparation temperatures can be necessary for purposes of flower production in order to time the flowering periods

General remarks:

- * Storage temperatures apply to properly dried, clean products
- * For the forcing sector and for different planting and flowering periods, modified temperature treatments may be necessary
- * It may be important to ask the supplier about previously applied storage temperatures
- * A decreasing series of temperatures means that the highest temperature should be applied at the beginning of the storage period and that the lower temperatures should be applied towards planting time
- * For spring-flowering bulbs, we assume a storage period lasting to planting time (no later than mid-December and, in any case, before freezing winter temperatures set in
- * If we mention protecting from desiccation, it would be advisable to use a filling material, and this should be added to the packaging in any case
- * "Dry and ventilated" means to use ventilated packaging
- * Pay special attention to aphid control

R.H. = Relative Humidity

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Variety	Storage method	Temperature until planting	Temperature until planting
Allium (large and small-flowering)	ventilated	23-20-17°C	72 - 68 - 63°F
Allium cernuum, flavum, carinatum, ursinum	ventilated, protect from drying out		

9-5°C

48 - 41°F

Amaryllis crinum

dry and ventilated

5°C

41°F

Amaryllis belladonna

dry and ventilated

5°C

41°F

Anemone blanda

dry and ventilated, provide air circulation

17°C

63°F

Brimeura (syn. Hyacinthus amethystina)

dry and ventilated

23-20°C

72 - 68°F

Camassia

dry and ventilated

20-17°C

68 - 63°F

Chionodoxa

dry and ventilated

23-20-17°C

72 - 68 - 63°F

Colchicum

as cool as possible, deliver early

9-(2)°C

48 (35½)°F

Corydalis, cava, solida

dry and ventilated

9°C

48°F

Crocus

dry and ventilated

23-20-17°C

72 - 68 - 63°F

Crocus (autumn-flowering)

dry and ventilated, deliver early

9°C

48°F

Eranthis

dry and ventilated, prevent desiccation

9-5°C

48 - 41°F

Eremurus

protect from drying out

17-9-5°C

63 - 48 - 41°F

Erythronium dens-canis

protect from drying out

9-5°C

48 - 41°F

Erythronium (other varieties)

susceptible to mechanical damage

17-9°C

63 - 48°F

Fritillaria imperialis

ventilated, susceptible to mechanical damage

25-23-17°C

77 - 72 - 63°F

Fritillaria meleagris

protect from drying out, provide air circulation

17-9°C

63 - 48°F

Fritillaria michailovskyi

protect from drying out, provide moderate air circulation

17-9°C

63 - 48°F

Galanthus

protect from drying out

17°C

63°F

Hippeastrum (syn. Amaryllis)

dry and ventilated, 12 wks at 13 °C, then 5°C (56°F is preparation, 41°F is storage)

13-5°C

56 - 41°F

Hyacint (prepared)

dry and ventilated

30-25-20-17°C

86 - 77 - 68 - 63°F

Hyacint (not prepared)

dry and ventilated

25-20-17°C

77 - 68 - 63°F

Hyacinthoides (syn. Scilla campanulata)

highly ventilated, susceptible to mechanical damage

20°C

68°F

Iris latifolia (syn. Iris anglica)

dry and ventilated, control for aphids

20-17°C

68 - 63°F

Iris hollandica

dry and ventilated

(30)-25-20-17°C

(86) - 77 - 68 - 63°F

Iris reticulata, danfordiae

dry and ventilated

23°C

72°F

Ipheion uniflorum

requires plenty of air circulation; store in shallow layers

20-17°C

68 - 63°F

Ixiolirion

dry and ventilated

23-17°C

72 - 63°F

Ixia

dry and ventilated

25-23°C

72 - 63°F

Leucojum aestivum

dry and ventilated

20-17°C

68 - 63°F

Leucojum vernum

protect from drying out

9-5°C

48 - 41°F

Muscari

dry and ventilated

23-20°C

72 - 68°F

Narcis

dry and ventilated

20-17°C

68 - 63°F

Ornithogalum (large-flowering), e.g. saundersiae, arabicum

dry and ventilated

20-17°C

68 - 63°F

Ornithogalum (small-flowering)

dry and ventilated

20-17°C

68 - 63°F

Oxalis adenophylla

dry and ventilated

20-17°C

68 - 63°F

Puschkinia

dry and ventilated

23-20-17°C

72 - 68 - 63°F

Scilla siberica

dry and ventilated

25-23-20°C

77 - 72 - 68°F

Scilla peruviana

dry and ventilated

23°C

72°F

Sparaxis

dry and ventilated

25-23°C

77 - 68°F

Tulipa

dry and ventilated

23-20-17°C

72 - 68 - 63°F

Triteleia (syn. Brodiaea)

dry and ventilated

23°C

72°F