

Zinnia elegans

Zinnita

Elegant apperance in the garden and mixed containers



- Compact plant habit
- Perfect for pots, containers and borders
- Early flowering, short crop time
- Easy cultivation with security of success

Crop Time	Frühjahr: 6 - 8 Wochen
Höhe <small>Ø</small>	18 cm
Standort	Sun
Seed Form	Roh
Product Use	Beet und Balkon, Topfpflanze

TECHNICAL GUIDE

Zinnia elegans Zinnita

Verwendung

Plants for bedding, pot plants, beautiful plants, that attract bees and butterflies, plants for planting of bowls

Aussaattermin

February-June

Kornablage

1 seed per plug, can be sown directly into final pot

Keimbedingung

7-10 days at 68-72 °F (20-22 °C). Higher temperatures can reduce germination and cause weak seedlings. Sow seeds in a well-drained media low in nutrients with a pH between 5.8-6.2. Cover seed lightly with vermiculite.

Topfen

Grow on at 60-65 °F (15-18 °C) for 3-4 weeks. Temperatures below 60 °F (15 °C) delays flowering. Provide good ventilation. Fertilize weekly at 200 ppm nitrogen in a well-balanced mix. Use of calcium nitrate will improve stem strength. For cut flower production, thin seedlings or plant plugs at 8-10" (20-25 cm) in rows or 9-12" x 12" (23-30 cm x 30 cm) spacing in beds.

Medien

Use a well-drained, growing perennial substrate with 15-30 % clay, 1-1,5 kg/m³ complete balanced fertilizer, iron-chelate, micronutrients, pH: 5.8-6.2.

Temperatur

Grow at 15-16 °C. Temperatures below 10 °C support yellow leaves. Zinnia does tolerate high temperatures of 25 °C, but does not tolerate frost. For selling it is recommended to harden the plants slowly at 12-14 °C.

Düngung

Moderate fertilization levels are required. Fertilize the crop weekly with 100-150 ppm nitrogen, using complete balanced fertilizer. Avoid high ammonium and high nitrogen levels, because high nitrogen level will result in soft stems. Stems are too soft will break underneath the flower. Prevent magnesium deficiency by applying magnesium sulphate (0,05 %) 1-2 times and in case of iron deficiency apply iron-chelate for 1-2 times. Nutrition deficiency supports a poor branching. The roots are sensitive to high salt levels in substrates.

Stage I Starts with the radicle breaking through the testa. The roots are touching the medium. Ends with fully developed cotyledons.

Stage II Starts from fully developed cotyledons. Ends with the fully developed true leaf or true leaf pair.

Stage III Starts from the fully developed true leaf or true leaf pair and ends with 80% of the young plants being marketable.

Stage IV All young plants are ready for sale and in the process of being hardened off. This stage lasts about 7 days.

The cultural recommendations are based on results from trials conducted under Central European conditions. Different conditions in other parts of the world may lead to deviations in results achieved.

FARBEN DER SERIE

Zinnia elegans Zinnita



White
ZE0105R



Yellow
ZE0101R



Orange
ZE0102R



Scarlet
ZE0104R



Rose
ZE0103R



Mix
ZE0199R