



Echinacea purpurea ***Double Decker***

Coneflower

Culture guide

Uses:

Plants for the border, pot and container plants, medicinal plants, attractive for bees and butterflies, cut flower production

Exposure:

Sun

Garden height:

30" / 75 cm

Crop time:

10-12 months

Sow time:

January-June for flowering in pot from July onwards, limited flowering without vernalization, during with vernalization full flowering in next year

Sowing method:

2-3 seeds per plug

Germination:

10-14 days at 68-72 °F (20-22 °C). Supplemental lighting during germination speeds germination and uniformity of emergence. Keep seedlings uniformly moist, but do not over water

Growing On:

Transplant seedlings into packs, 4" (10 cm) or 1 gallon containers (2-3 plants) when the 3rd pair of true leaves appears. Once plants have begun rooting out, grow on at temperatures of 50-55 °F (10-13 °C). Fertilize at 100-200 ppm calcium nitrate in a balanced formula on a weekly basis. For full gallon containers plant 3-5 plugs per pot.

Media:

Use a well-drained, growing perennial substrate, pH: 6.0-6.5. Field: loamy sandy to sandy humus soils with good drainage. Standard fertilization: 80-100 g/m² slow-release fertilizer.

Temperature:

Grow at 15-18 °C or outdoors. In winter indoors frost free at 3-5 °C or outdoors. At mid-December the plants start to grow for 10-12 weeks at 15-18 °C.

Fertilization:

High fertilization levels are required.