

Dianthus Interspecific F1 Chiba

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| Life cycle | Hardy annual / perennial |
| Family / Origin | Caryophyllaceae / Northern China |
| Popular uses | Outdoor containers, pot and pack, suitable for borders and beds |
| Mature plant height | 25-35 cm (10-14") |
| Mature plant width | 25-35 cm (10-14") |
| Pot size | Packs, 10-15cm (4-6") pots, quart or gallon pots |
| Plants per pot | 1 for 10 cm (4") pots or quarts 3 plants per 15 cm (6") or gallon pots |
| Sun exposure | Sun or partial shade |
| Water requirements | Reduced, avoid wet conditions |
| Flowering time | Entire growing season |
| Media | Aa well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 1.0-1.5 (150-225 ppm N) |
| Growing temperature | Temperature for active growth 15°C (59°F) at night 16-18°C (61-64°F) at day time |
| Light | Increase total light energy to promote early flowering day Extending day length is not necessary, but promotes bud set |
| Fertilizer needs | Balanced N:P:K fertilizer as needed Ammonium based fertilizers are not recommended, use calcium based fertilizers EC 1.8-2.2 (270-330 ppm N) |
| Crop time | 13-15 weeks |



Description

Early flowering, basal branching, compact and well-matched plant habit within the series. Flowering consistently under hot, rainy and cool conditions making it an excellent garden performer from spring until autumn

Growth regulators

Dianthus responds to: Chlormequat (Cycocel) and Paclobutrazol (Bonzi)

Common diseases

Botrytis, Alternaria Leaf Spot, Fusarium, Wilt

Common pests

Spider Mites, Thrips, Aphids and Whitefly

Pinching

No need but a single pinch is recommended for a better branching; crop time will be 1-2 weeks longer

Hardiness Zone

Z 6-9

Plug Production

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| Seed forms | Raw |
| Seed count | 1.000 seeds/gram (28.350 seeds/oz); varies by lot! |
| Recommended plug size | 480-264 |
| Seeds cell | 1 |
| Vermiculite cover | Light cover |
| Stage 1 Germination | Growing medium temperature 21-24°C (70-75°F) EC 0.5-1.0 (75-150 ppm N) Radicle emergence will take place in 2-4 days Keep media moist but do not overwater Light is not necessary for germination Dianthus is very sensitive to high salt levels in stage 1 and 2 |
| Stage 2 Stem and cotyledon | Keep media moist, lower night temperature to 18°C (64°F) Under low light conditions, supplementary lighting is advised to promote compact strong seedlings EC 0.5-1.0 (75-150 ppm N) |
| Stage 3 Growth and development | Moisture: reduce moisture levels and allow medium to dry between watering Do not allow plants to wilt Temperature: 18-20°C (64-68°F) Fertilization: EC 1.2-1.5 (180-225 ppm N) |
| Stage 4 Ready For transplanting | Moisture: reduce moisture levels and allow medium to dry between watering Do not allow plants to wilt Temperature: 13-15°C (55-59°F) Fertilization see stage 3 |
| Plug crop time | 5-6 weeks |
| Approximate finish time | 8-9 weeks |
| Special tips | Ensure best light conditions, especially in the early season, and grow dry to restrict and harden growth. Transplant on time |