

# Antirrhinum majus nanum F1 DoubleShot



<b>Life cycle</b>	Hardy annual
<b>Family/origin</b>	Scrophulariaceae/Mediterranean
<b>Popular uses</b>	Outdoor containers, pot and pack, suitable for borders and beds
<b>Mature plant height</b>	45-50 cm (18-20")
<b>Mature plant width</b>	30-35 cm (12-14")
<b>Pot size</b>	12-15 cm (5-6") and larger
<b>Plants per pot</b>	1 in 15-17 cm (6-7") 3 in container pots or larger
<b>Sun exposure</b>	Half shade - full sun
<b>Water requirements</b>	Normal, avoid wet conditions
<b>Flowering time</b>	Entire growing season – spring through light frosts, can be used as a winter annual in southern areas
<b>Media</b>	A well-drained, porous media is best to prevent over watering. pH of 5,5 to 5,8. Never over 6,2 EC 1,0-1,5 (150-225 ppm N)
<b>Growing temperature</b>	Temperature for active growth 15°C (58°F) at night 16-18°C (60-64°F) at day time
<b>Light</b>	Optimum light level is 18.000-22.000 lux (1800-2200 fc). Long days >14 hrs will promote early flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser as needed EC 1,5-2,0 (225-300 ppm N)
<b>Crop time</b>	10-15 weeks
<b>Hardiness zone</b>	6-9



Orange Bicolor

## Growth regulators

Antirrhinum responds to: Daminozide (Dazide, B-nine) Chlormequat (Cycocel) and Paclobutrazol (Bonzi)

## Common Diseases

Botrytis blight, Rhizoctonia, Rust, Pythium, Powdery and Downy mildew

## Common Pests

Spider mites, Thrips, Aphids

## Pinching

No need but a single pinch is recommended for a better branching. Crop time is 1-2 weeks longer

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## Plug Production



<b>Seed forms</b>	Raw
<b>Seed count</b>	6200-6500 sds/gr (176,000-184,000 sds/oz) <i>Varies by lot!</i>
<b>Recommended plug size</b>	480-288
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	No
<b>Stage 1 Germination</b>	Media pH 5,5 to 5,8 Fertilizers: EC 0,5-1,0 (75-150 ppm N) Temperature: 18-22°C (64-72°F) growing medium temperature Radicle emerge will occur in 3-4 days Antirrhinum is very susceptible to high salt levels in all stages
<b>Stage 2 Stem and cotyledon</b>	Keep media moist, temperature can be lowered to 18°C (64°F) Reduce moisture levels to obtain optimum root growth and to prevent fungal diseases. Prevent wet foliage after nightfall A broad spectrum fungicide may be applied to prevent damping off. Under low light supplementary lighting is advised to promote compact strong seedlings. Extending daylength to 14 hours 4.500-10.000 lux (420-930 fc) will promote early flowering
<b>Stage 3 Growth and development</b>	Temperature days 18°C (64°F) Fertilizers: EC 1,2-1,5 (180-225 ppm N) allow media to dry between watering. Wet, cold and low light conditions may result in tip abortion
<b>Stage 4 Ready for transplanting</b>	Temperature can be dropped to 16-18°C (60-64°F) Lower temperatures and wet conditions may result in poor growth and leaf chlorosis. Allow media to dry between watering but avoid wilting Fertilizers: EC 1,2-1,5 (180-225 ppm N)
<b>Plug crop time</b>	5-6 weeks
<b>Approximate finish time</b>	6-7 weeks
<b>Special tips</b>	Antirrhinum has a very sensitive root system. Prevent overwatering and cold media-above 15°C (58°F). Do not allow plants to wilt severely. Cold and wet conditions will result in slow development combined with root problems and slow uptake of nutrients, followed by chlorosis of the leaves. The use of ammonium-based fertilizers may result in thin, elongated roots which are more susceptible to soil-borne fungi.