

SELECTA BEDDING PLANTS

genus	species	substrate ***	pH	feeding ***	growth retardant	pinching	irrigation *	P & D control	average tempera- ture/day***	start cultivation in	spacing for 10,5–12 cm pots
Bedding and balcony plants											
Achillea	ptarmica	II	6.0	II	Cool Morning	1x	2	white fly	I	week 5–9	25–40 plants/m ²
Ageratum	houstonia- num	II	6.0	II	no need	no	2	white fly, botrytis	II	week 9–12	11 cm pot, about 35 plants per sqm
Angelonia	cultivars	II	6.0	I	no need	1x	2	Thrips, White fly, Attention: Botrytis and Rhizoctonia	I	week 10–15	30 plants/m ²
Argyranthemum**	frutescens	II		I	0.025–0.05% Topflor	1x	2	Aphids, Leaf miner, Red spider, Thrips, Pythium, Botrytis, Fusarium	II	week 4–12 cold cultivation: week 40–48	30–36 plants/m ²
Asteriscus ** <i>cool & early</i>	maritimus	II	6.0	I	0.025–0.05% Topflor	one week after pot- ting remove the tip so that 5–6 leaves remain	3	Aphids, Leaf miner, Botrytis	II	week 4–12 For cold cultivation: week 40–48	30–36 plants/m ²
Bidens** <i>cool & early</i>	ferulifolia	II	5.0–6.0	I	0.025–0.05% Topflor	1–2x	3	White fly, Leaf miner, Thrips, Mildew, Botrytis	II	week 5–9	30–36 plants/m ²
Bracteantha	bracteatum	II	5.0–5.5	II	no need, react well to Cool Morning	1x	2	Aphids, White fly, Botrytis, Real mildew	II	week 5–9 baskets 1–4	35–50 plants/m ² 3 plants/basket
Cataranthus	roseus	II	6,0	II	no	1x	2	White fly	I	week 3–9	20–30 plants/m ²
Convolvulus** <i>cool & early</i>	sabatius	low in salt, II	6.0	II	0.025–0.05% Topflor	1x	2	Thrips, White fly, Aphids, Red spider	II	week 5–9 baskets: week 2–6 Cold cultiva- tion: week 40–48	20–25 plants/m ² 3 plants/m ²
Diascia	cultivars	II	5.0–6.0	II	Usually not necessary, possibly apply 0.025– 0.05% Topflor when sales size has been reached	1x	1–2	Aphids, Thrips, White fly, Leaf miner. Attention: Virosis may occur! Combat aphids. Pay parti- cular attention to hygiene!	II	week 5–9 For baskets: week 2–6	30–50 plants/m ² 3–5 plants/ basket
Euphorbia	hypericifolia	II	6,0	II	no	no	2	White fly	I	week 4–10	25–50 plants/m ²
Felicia	amelloides	II	6,0	II	Cool Morning	1x	2	Thrips, White fly, Aphids	II	week 2–5	25–35 plants/m ²
Gaura	lindheimeri	II	5.5–6.5	I, high require- ments need defi- nitely hig- her values	no need	2x	1	Aphids	II	week 4–9	20–25 plants/m ²
Heliotropium	arborescens	II	5.5–6.0	II	0.025–0.05% Topflor	1x	2	Aphids, White fly, Red spider, Pythium	I	week 4–9	35–50 plants/m ²
Impatiens	walleriana	II	6,0	II	Ask sales team	no	2	Botrytis, Mildew	I	week 5–12	25–50 plants/m ²
Lantana	cultivars	T-Soil, easily per- meable and rich in nutrients	6.0	I	0.025–0.05% Topflor starting when the shoots have reached a length of 2 cm. Only moisten plants slightly!	1–2x	2	Aphids, White fly, Red spider, Thrips, Botrytis	I	week 2–6	30–50 plants/m ²
Lobelia** <i>cool & early</i> <i>quick & early</i>	cultivars	low in salt, II	5.0–5.5	II	Usually not necessary, spray early shoots with 0.05% Topflor. Only moist plants slightly!	1–2x	2	White fly, Thrips, Botrytis, Rhizoctonia, Pythium. Attention: Virosis and bacteria may occur! Pay particular attention to hygiene!	II	week 5–9 baskets week 2–6 Cold cultivation week 40–48	30–50 plants/m ² 5 plants/basket
Nemesia	cultivars	P-Soil with medium- strength addition of fertilizer, permeable	5.0–5.5	II	Usually not necessary, if needed apply 0.025–0.05% Topflor when selling size has been reached	2–3x	2	Aphids, Thrips, White fly. Attention: Virosis can occur. Pay particular attention to hygiene!	II	week 5–9 baskets 2–6	30–50 plants/m ² 3–5 plants/ basket
Lysimachia	nummularia	II	5.8–6.5	II	no need	1x	2	Aphids	II	week 7–10	20–25 plants/m ²
Portulaca <i>quick & early</i>	oleraceae	low in salt, II	5.5–6.0	II, very sensitive to salt	no need	1x	1	Aphids	I	week 5–9	30–35 plants/m ²
Sanvitalia	speciosa	II	5.5–6.0	II	Hardly necessary, particu- larly if Cool Morning is being used. If necessary spray with 0.025–0.05% Topflor when selling size has been reached. Only moisten plants slightly!	1x	2	Watch out for root disease caused by stagnant water!	I	week 5–9 baskets week 1–4	30–35 plants/m ² 5 plants/basket
Scaevola <i>cool & early</i> <i>quick & early</i>	saligna	II	5.0–5.5	II	Usually not necessary, if required spray with 0.025– 0.5% Topflor once selling size has been reached. Only moisten plants slightly!	1–2x	2	Thrips, White fly, Leaf miner, Botrytis, Verticillium, Pythium, Rhizoctonia.	II	week 4–7 baskets week 1–4	20–25 plants/m ² 3 plants/basket
Sutera	grandiflora	permeable P-Soil	5.0–5.5	II	Usually not necessary, parti- cularly not if Cool Morning is being used, if required spray with 0.025–0.05% Topflor when selling size has been reached. Only moisten plants slightly!	1x	2	Thrips, White fly, Botrytis, Pythium, Rhizoctonia	I	week 5–9 baskets week 1–4	30–35 plants/m ² 5 plants/m ²

All recommendations are made with regard to our and official trials as well as indications from growers. We cannot accept any responsibility for correctness of this information. All information differs depending on place, year and variety.

Substrate

Group I:

A loose, well draining substrate (including coarse white peat), with Perlite, and an average amount of fertilizer added. The pH of 5–5.5 and it should included the Fe need.

Group II:

A loose, well draining substrate, P or T- substrate with clay (15–20%) and Perlite (10%), with an average amount of fertilizer added (1–2 g/l) and a pH of 5.5–5.0. A higher proportion of white peat and less black peat is mainly of advantage with automatic watering systems.

Feeding requirements

Group I: Plants that need plenty of feeding

Irrigation feed at first 0.08–0.1%, later 0.1–0.12%
Interval feed at first 0.15–0.2%, later 0.2–0.3% – once or twice a week

Group II: Plants with medium requirements

Irrigation feed at first 0.06–0.08%, later 0.08–0,1%
Interval feed at first 0.1–0.15%, later 0.15–0.2% – once or twice a week

Average day temperature

Group I:

Average day temperatures for pot plants that have a need cooler temperatures for warmth:

- potting + 3 week cultivation period 20 °C
- main growing period 17 °C
- hardening 14 °C

Group II:

Average day temperatures for pot plants that have a need for plenty of cold:

- potting + 3 week cultivation period 18 °C
- main growing period 14 °C
- hardening 10 °C