

Pansy and Viola

| | |
|--------------------|---|
| Plant type: | Perennial treated as biennial. |
| Uses: | Bedding plants, patio pots, containers and baskets |
| Sowing: | July - August for Autumn colour pack sales and outdoor Winter plantings. September - October for early Spring sales and plantings. February - March for Spring sales. 18-20°C (temperatures over 22°C will reduce germination percentage). Cover with an average layer of medium Vermiculite. Germination 1-2 weeks. |

Approximate crop timing (based on Pansy Matrix™)

| | |
|------------------------------------|---------------|
| Sowing to seedling transplanting | 3 - 4 weeks |
| July/August sowing to flowering | 9 - 10 weeks |
| September sowing to flowering | 25 weeks |
| February/March sowing to flowering | 12 - 14 weeks |

Ball 350 to flowering:

| | |
|--|-------------|
| Weeks 4 - 8 (for Spring sales) | 6 - 8 weeks |
| Weeks 9 - 22 (for Spring sales) | 6 weeks |
| Weeks 28 - 35 (for Autumn sales) | 4 - 8 weeks |
| Weeks 36 - 46 (late Autumn/early Spring sales) | > 8 weeks |

Ball 230 to flowering:

| | |
|-------------------------------------|-------------|
| Weeks 4 - 8 (for March/April sales) | 6 - 8 weeks |
| Weeks 10 - 24 (for Spring sales) | 5 weeks |
| Weeks 28 - 38 (for Autumn sales) | 4 - 7 weeks |

Growing on:

Please see CFS P11 for specific cultural advice for Trailing Pansy Cool Wave™

| | |
|-------------|--|
| Temperature | Maintain below 20°C if possible, through Summer months. Overwinter at an average of 5-10°C day and 4°C night temperature. The crop will stand lower temperatures. Fleeing may be used if very cold night temperatures are forecast. |
|-------------|--|

Ball Colegrave cultural information is issued as a guide to growers, based on our own trials experience. It is not intended as a blueprint for growing. Any chemicals referred to should be used only in accordance with the manufacturer's instructions.

Culture Information

| | |
|-------------------|---|
| pH | 5.4 - 5.8 |
| Feeding | Once the roots of the plants have developed to the wall of the container feeding can be every 2 to 3 watering's at 100ppm with a non-ammonium based fertiliser when the plants are actively growing. |
| Growth regulation | Pansy Matrix™, Pansy Cool Wave™, Viola Sorbet™ and Panola™ generally require less growth regulation. They resist stretching better than other Pansies and Viola under stressful conditions and warmer temperatures of Autumn production due to the unique branching habit. Chemical growth regulation is likely to be needed. Extra applications can be needed if temperatures are high. Apply growth regulation when crop is moist to prevent scorching. |
| Pack/Pot size | 6 pack or 9-10.5cm pot |
| Advice | Plants should be grown on dry side, watering evenly when necessary. Chemical growth regulators applied in high temperatures can cause malformed growth. The crop needs to have good air circulation in well ventilated conditions |
| Common diseases | Downy Mildew seen as upper surface leaf yellowing with grey/pink felt growth under the leaf. Powdery Mildew – white grey fluffy growth on upper leaf surface, powdery with age. Ramularia - brown papery leaf spot which is yellow edged. Thielaviopsis - black lesions on the root. High temperatures, high compost pH and stressed plants will be affected most. Fungicides can be used for prevention or control at early stages. |

Ball Colegrave cultural information is issued as a guide to growers, based on our own trials experience. It is not intended as a blueprint for growing. Any chemicals referred to should be used only in accordance with the manufacturer's instructions.