

Cultural sheet: Brassicasa Broccoli F1 Purplelicious

| Species | |
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| Brand Name | 917-065 Broccoli F1 Purplelicious |
| Species | Brassica oleracea convar. botrytis var. italica |
| Trade name species | Broccoli |
| Type | Annual |
| Family | Cruciferae |
| Seed weight | 2,2-4 gram / 1000 sds depending on seed lot |
| EU variety name | Not registered yet: BBPU917065 |
| Young Plant | |
| Germination days | 3 days (max 2 nights) |
| Germination temp. | 18°C – 64°F Covered and high humidity, no light needed |
| Grow on days | 35 (5-7 weeks) depends on light-intensity |
| Grow on temp. | 18°C – 64°F |
| Min. Grow on temp. | 8°C – 46°F (This enlarges the Grow on days period) |
| Optimal D/N temp. | 20°C/68°F -14°C/57°F |
| Soil for sowing | Sowing soil with good drainage, EC 1,5 PH 5,8-6,5 |
| Soil for sowing covering | Vermiculite / soil with open structure /app. 4-8 mm thick |
| Fertilisation in the plug | 1,5 EC with each watering, low Nitrogen |
| Ready to transplant | 2 large leaf's and central sprout start to stretch Roots cover the whole plug |
| Attention points during young plant growing | Plants may go limp. In juvenile stage, not too long. Preventive insect protection for cabbage-fly, swede-midge |
| Finish for grower | |
| Potting soil | Standard soil with good drainage and good water storage EC 1,5 PH 5,8-6,5 |
| Pot-size | 15-20 cm 6"-8" |
| Plants per pot | 1 |
| Outdoor in open soil | Planting distance 50 cm/20" x 50 cm/20" |
| Planting soil outdoor | Standard soil with good drainage and also good water storage capabilities EC 1,5 PH 5,8-6,5 |
| Min. Grow on temp. | 8°C-42°F (This enlarges the Grow on days period) |
| Ideal grow on temp. | 18°C-24°C– 46°-75°F |
| Optimal D/N temp. | 20°C/68°F -14°C/57°F Warmer nights result in a violet purple stem colour |
| Days planting-finish | This period is strongly related to <ul style="list-style-type: none"> • Temperatures during day and night • Light intensity • More than 1x harvest (side-shoots present 50% of the crop weight) 7 weeks for the first central curd 8 weeks for the first range of side-shoots 10 weeks for the second range of side-shoots |
| Frost | Plants not resistant against night-frost. |
| Watering | Regularly, keep the soil moist, never let the plant go limp. Watering with minimum 1,5 EC |
| Fertilisation | A high fertilisation level creates a large diameter of the plant/ fringed silver-green foliage. A low fertilisation level reduces the diameter of the plant. |
| Grow to Finish | In principle this product can be sold in various stages, especially as a pot-plant. <ul style="list-style-type: none"> • As a 9-12 cm pot-plant, to grow on at consumers home garden or patio container. • As a 15-17 cm container to finish at home • As a full grown plant (0,5-1,5 kg) from an outdoor crop depending on the harvest of side-shoots. Picking trough 3 times can maximize the crop. • Pinching after 4-5 weeks after planting delays the crop for a week and results in more smaller curds crop with taller stems. |

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| Attention points during plant growing | Colour contrast is high when the nights are cold. Pay attention to cabbage-fly, swede-midge, aphids, rabbits and butterfly-eggs |
| Consumer use | |
| Use | Nutrition vegetable for cooking, lots of anti-oxidants, sweet after taste |
| Cooking time | 7-9 minutes |
| Unique specifications | Anti Oxidant levels Decorative foliage Continues harvest due to continues sprouting. |
| Pictures | |



Field performance from 5 weeks after planting to 15 weeks after planting



Left; Autumn performance in an area with relative cool nights, more violet in Summer with a central curd crop 7-8 weeks after planting. Right; Purplelicious steamed on a dish together with traditional green broccoli.