

Cultural sheet: Allium F1 Quattro

Species	
Variety Name	Allium F1 Quattro
Species	Allium interspecific hybrida
Trade name species	Fat Leaf Garlic Allium
Type	Perennial
Family	Allium sp.
Seed weight	1,5-2,5 gram / 1000 sds depending on seed lot
Average germination	75%-85%
Young Plant	
Nr of Seeds/plug	2-3 for plug size 2-5 cm/1"-2" and 4-5 for plug size 5-8 cm/2"-3"
Germination days	7-10 days
Germination temp.	16°-18°C – 60°-64°F Covered and high humidity, no light needed
Grow on days	150-200 days (6-8 months)
Grow on temp.	5°-35°C – 40°-95°F
Min. Grow on temp.	5°C – 40°F (This enlarges the Grow on days period)
Max. Grow on temp.	35°C – 95°F (This enlarges the Grow on days period due to heat stress)
Optimal D/N temp.	25°C/77°F -15°C/58°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. 2-3 mm thick
Fertilisation in the plug	1,5 EC with each watering, NPK 15-10-15 and micro elements
Ready to transplant	Full rooted plug with small rootstock in the plug. No leaf's or small sprouts (2-5 cm/1"-2") in a stored plug after winter need to show.
Attention points during young plant growing	<p>More seeds per plug creates a full young plant more easy.</p> <p>Plants can survive very dry and very wet circumstances. They usually recover. After the leaf's are full dried, the young-plant comes back with more sprouts.</p> <p>Mowing back the leaf's after 4-5 months will increase the nr. ff sprouts on the plant.</p> <p>The young plants survive almost all winter temperatures when covered (snow/fleece)</p> <p>Leaf's turn brown when light intensity drops (Fall) or nigh temperatures are very low (minus 5°C-23°F or lower)</p>
Finish for grower	
Potting soil	Standard soil with good drainage and also good water storage capabilities EC 1,5 PH 5,8-6,5
Pot-size	9-15 cm 3,5"-6"
Plugs per pot	1
Outdoor in open soil	Planting distance 20 cm/8" x 20 cm/8"
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.	5°C – 40°F (This enlarges the Grow on days period)
Ideal grow on temp.	18°C-25°C– 46°-77°F
Optimal D/N temp.	25°C/77°F -15°C/58°F
Frost	Plants are resistant against frost.
Watering	Regularly for continues growth, keep the soil moist Watering with minimal. 1,5 EC enlarges the leaf production
Crop time to harvest	8-10 weeks after planting, the roots are set and the first leaf's can be harvested.
Attention points during plant growing	<p>Full dried out plant: remove the old leaf's and water the plant.</p> <p>Over-watered plant (full container without hole in the bottom). Take the water away, make the drainage, let the plant re-grow.</p> <p>Red-rust spots can occur at the end of the season when circumstances are there</p> <p>Root-aphid, shows growth reduction, spray in the centre of the plant against it</p>

Consumer use	
Use	Soft tender leaf's with onion garlic taste. Leaf's for mixture in salads Leaf's for preparing an additional flavour in your meal Cut-flower Decorative border plant Perennial plant
Cooking time	1 minute
Stir frying	1-2 minutes
Unique specifications	Variety continues to produce new leaf's after harvest. Recover time during the season is 6 weeks after a full harvest of the plant when the season is optimal. Leaf's can be stored in the fridge for 5-7 days under optimal conditions Flowers and flower-stem are edible in bud stage. Flowering period June-September in Northern hemisphere. Flowers attract a large variation of honey searching insects. Flower-initiation after a cool period (winter) Vase life of the cut-flower (75-90 cm/30"-35") is 12-18 days Large picture library for promotional use

Pictures	
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2,5 cm/1" plug with 2-3 seeds



7,5 cm/3" plug with 2-3 seeds



9-10 cm/3,5" pot with 3-5 seeds



Full grown plant 2 years old



Full grown plant with flowers



Rootstock with sprouts