

Cultural sheet: Allium F1 Autumn Bee Attraction

Species	
Variety Name	Allium F1 Autumn Bee Attraction
Species	Allium interspecific hybrida
Trade name species	Perennial Allium
Type	Perennial
Family	Allium sp.
Average germination	75%-85%
Seed weight	4,5-4,8 gram / 1000 sds depending on seed lot
EU Registration	Not Needed
PVP Registration	AABA710050
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. 1-2 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. After Winter, no leaf's or small sprouts (2-5 cm/1"-2") in a stored plug after winter.
Attention points during young plant growing	More seeds per plug creates a full young plant more easy. Plants can survive dry circumstances. They usually recover. After the leaf's are full dried, the young-plant comes back with more sprouts. The young plants survive almost all winter temperatures when covered (snow/fleece) Leaf's turn brown when light intensity drops (Fall) or night temperatures are very low (minus 5°C-23°F or lower)
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 15 cm/8" x 15 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	18-20 weeks after planting, the first flowers show up.
Attention points during plant growing	Root-aphid, shows growth reduction, spray in the centre of the plant against it Fertilisation is needed for building good rootstock quality

Consumer use	
Use	Attractive for insects in the Fall Cut-flower Decorative border plant Perennial plant
Unique specifications	Leaf model: Small leaf's with relative large nr of flowers (2-3/plant in the first season) Flowering time: August-September under North European conditions Flower-form: Looks like a small Ornithogalum, white with green. Stem-length: 70 -80 cm, depending on the growing conditions. Stem Quality: A filled sturdy stem, diameter 3-5 mm, with a relative low stem-weight Vase-life: 2-3 weeks, depending on harvest stage. Insects: This allium is flowering in the Fall, an attractive alternative for bees Frost tolerance: Plants survive frost (as a rootstock) EU vegetable list: No, ornamental only

Pictures	
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Allium interspecific F1 Autumn Bee Attraction