

A close-up photograph of a cluster of purple flowers with long, thin stamens. The flowers are in various stages of bloom, with some fully open and others as buds. The background is a soft, out-of-focus green, suggesting a natural outdoor setting. The text is overlaid on a semi-transparent white banner across the middle of the image.

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phacelia

Honey plant perfect
for cover crop!

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PHACELIA

▶ HONEY PLANT PERFECT FOR COVER CROP!



▼ INFORMATION

Phacelia is a fodder plant for growing in a main crop for seeds or green fodder. Useful for cultivation in organic farming for seeding arable land temporarily excluded from production. Varieties from Poznańska Hodowla Roślin are characterized by low soil requirements and good tolerance to periodic water shortages. Plant height is about 70-80 cm. Single and double pinnate and notched leaves. Plants tolerate spring and autumn frosts well, characterized by a short growing period and fast growth rate. Phacelia is the "queen" of honey plants, you can get up to 400 kg of honey per hectare.

▼ CULTIVATION FOR SEEDS

Phacelia has low soil requirements (class IV-V). Not suitable for very fertile, wet, heavy loams and weak sands. It can be cultivated after various forecrops in very well weeded areas. It can be cultivated on very good and good rye complex soils. The soil should be in good culture, without couch and not acidified (neutral pH). Place in crop rotation after grains in the second or third year after manure. Recommended mineral fertilization at the level of nitrogen 20-40 kg/ha, phosphorus P_2O_5 40-70 kg/ha and potassium K_2O 60-100 kg/ha. Responds very well to magnesium fertilization. Seeding should be carried out as early as possible (at least the end of March). Recommended seeding depth is 1-2 cm with a row spacing of 12-15 cm and planting rate around 8-15 kg/ha. Phacelia ripens unevenly, desiccation and harvesting with a combine harvester is recommended in the first half of July. Phacelia is ready for harvest when the inflorescences turn brown and the seed capsules at the bottom of the inflorescence begin to open. Single-phase harvesting with a combine harvester. The harvested seeds should be dried very quickly (quick drying to 11-13% humidity on the floor dryer). Possible forage yield from phacelia cultivation amounts from 10 tons (in stubble aftercrops) up to 30 t/ha. The seed yield varies from 400-1000 kg/ha.