

Profile

Especially in potato cultivation a good soil structure is important. This can be enhanced by establishing companion plants in potato fields. Greened potato ridges have a strong and positive influence on the soil temperature. Through the interaction of the different plant species with the soil, the nutrient dynamics can be balanced throughout the whole vegetative period. The variety of species within the companion plant mixture ensures a diversified food source for soil organisms. The high amount of legumes has a positive impact on the C/N-level.

- ✓ Temperature management in potato ridges
- ✓ Enhances soil life
- ✓ Strengthens the potato plant's vitality

Components

25.5%	Legumes
	Common vetch, Linseed, Lolium perenne, Plantago lanceolata, Niger, Persian clover

Seed shares (%)

Sowing pattern

blank seed, mulch sowing, direct sowing, spreader device on tillage implement, scattered seed, drone

Crop rotations

Oilseed rape, Potatoes, Sugar beet, Cereals, Maize

Cultivation notes

Sowing rate	15 kg/ha
Usage	co-seeding, normal sowing time, medium to low proportion of legumes

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