



# COVER CROPS





# ReNatura® Cover crops and soil enhancement

## Fodder plants, legumes and grasses

*Also available as organic seeds!*

Catch crops have played an important role in sustainable agriculture for hundreds of years, contributing to maintaining soil fertility and ensuring good harvests. Because of the numerous benefits of cultivating catch crops, they are used to this day.

### These benefits include:

- Erosion control
- Soil loosening
- Humus enriching
- Nutrient storage
- Habitat for animals
- Easing up crop rotations
- Natural pest reduction
- Weed suppression

The benefits of the individual species can be found in the corresponding descriptions. In order to make use of as wide a spectrum of benefits as possible, we recommend a combination of various catch crops. The ReNatura® Grünmix combines different species in a highly versatile catch crop mixture that is suitable for a range of applications.

In addition to cover crops, the ReNatura® range of cover crops and soil enhancement also offers various fodder crops and mixtures. This allows all livestock operators to cultivate their own fodder and produce it to their own specifications.

In addition to important fodder crops like clover and alfalfa, the small animal feed is particularly well suited to the needs of many animals and offers generous fodder production over several years.

### Benefits of in-house fodder cultivation:

- Fresh fodder available continuously
- Can also be used as hay
- Controlled cultivation conditions
- Cost savings vs. purchasing fodder
- Freshly harvested forage
- Palatable fodder
- Control over the use of fertilisers, plant protection chemicals, etc.
- Harvests over multiple years

ReNatura® cover crops make these tried and tested products available for private users, allowing for the option to cultivate them in home gardens.



## Phacelia (*Phacelia tanacetifolia*)

### A SOURCE OF FOOD FOR INSECTS

Lacy phacelia, also called bee pasture, is a green manure plant that is particularly suitable for vegetable gardeners. Lacy phacelia is a fast-growing plant with a rich root network. Nectar-collecting insects pay frequent visits to its blue-violet flowers, which are a particular favourite. Lacy phacelia provides humus-rich, evenly distributed soil for the subsequent crop. It dies back in winter, but can tolerate late seeding and early frosts to  $-7^{\circ}\text{C}$ . It can be part of all crop rotations, since it is not related to any other agricultural species, meaning that it can be sown without any phytosanitary considerations.

<b>Sowing period:</b>	May-September
<b>Sowing rate:</b>	5 g/m <sup>2</sup>
<b>Sowing depth:</b>	2 cm
<b>Germination time:</b>	1-2 weeks
<b>Growing period:</b>	annual
<b>Plant height:</b>	60 cm



#### Characteristics of lacy phacelia:

- Nectar-rich flowering plant
- Very fast growth
- Lengthy flowering period
- Ample roots that loosen soil
- Paradise for insects

Package size	Area	GTIN SU	SU	Item no. SU	SU/pallet
400 g pouch	80 m <sup>2</sup>	4011239683427	10	68276	99

## Organic Phacelia (*Phacelia tanacetifolia*)

### A SOURCE OF FOOD FOR INSECTS

Organic lacy phacelia, also called bee pasture, is a green manure plant that is particularly suitable for vegetable gardeners. Lacy phacelia is a fast-growing plant with a rich root network. Nectar-collecting insects pay frequent visits to its blue-violet flowers, which are a particular favourite. Lacy phacelia provides humus-rich, evenly distributed soil for the subsequent crop. It dies back in winter, but can tolerate late seeding and early frosts to  $-7^{\circ}\text{C}$ . It can be part of all crop rotations, since it is not related to any other agricultural species, meaning that it can be sown without any phytosanitary considerations.

<b>Sowing period:</b>	May-September
<b>Sowing rate:</b>	5 g/m <sup>2</sup>
<b>Sowing depth:</b>	2 cm
<b>Germination time:</b>	1-2 weeks
<b>Growing period:</b>	annual
<b>Plant height:</b>	60 cm

#### Advantages of organic lacy phacelia

- Nectar-rich flowering plant
- Very fast growth
- Lengthy flowering period
- Ample roots that loosen soil
- Paradise for insects

Package size	Area	GTIN SU	SU	Item no. SU	SU/pallet
0.5 kg folding carton	100 m <sup>2</sup>	4011239681461	10	68146	96





## ReNatura® Cover crops

The ReNatura® Cover crops product line includes 10 products sold in practical, resealable, plastic packaging.



Please contact us for a precise breakdown of the mixtures!

Product name	Description	Contents	Area	SU	Item No.	SU/pallet
<b>Natural meadow</b> (Naturwiese)	The natural meadow mixture from ReNatura® contains different environmentally important grass and clover species.	1.0 kg	40 m <sup>2</sup>	10	68250	40
<b>Small animal feed</b> (Kleintiereinsaat)	The ReNatura® Small animal feed is a mixture that is suitable for all soils and contains valuable fodder plants for rabbits, hamsters, etc.	1.0 kg	50 m <sup>2</sup>	10	68260	40
<b>Lucerne (alfalfa)</b> Medicago sativa	The “queen of fodder plants” is a beloved source of perennial fodder for many species of livestock, including cattle and sheep.	0.5 kg	100 m <sup>2</sup>	10	68278	99
<b>White clover</b> Trifolium repens	This perennial clover species is an excellent source of fodder when sown pure or in mixtures with grasses.	0.5 kg	100 m <sup>2</sup>	10	68284	99
<b>Red clover</b> Trifolium pratense	This perennial clover species is an excellent provider of feed for fresh forage and clover hay production.	0.5 kg	100 m <sup>2</sup>	10	68282	99
<b>Common bird’s foot</b> Ornithopus sativus	Common bird’s foot is an annual, single-cut fodder crop and a leguminous plant (nitrogen fixer).	0.3 kg	75 m <sup>2</sup>	10	68280	99
<b>Blue lupin</b> Lupinus angustifolius	Blue lupin is suitable for all soils, efficiently suppresses weeds and forms soil-loosening taproots.	0.5 kg	15 m <sup>2</sup>	10	68274	99
<b>White mustard</b> Sinapis alba	ReNatura® Gelbsenf white mustard is a classic green manure plant. It germinates very quickly, covers the ground and dies back in winter.	0.5 kg	100 m <sup>2</sup>	10	68272	99
<b>Lacy phacelia</b> Phacelia tanacetifolia	Lacy phacelia, also called bee pasture, is a green manure plant that is particularly suitable for vegetable gardeners.	0.4 kg	80 m <sup>2</sup>	10	68276	99
<b>Green manure mix</b> (Grünmix)	The green manure mixture from ReNatura®, combines the benefits of a large number of green manure plants.	0.5 kg	30 m <sup>2</sup>	10	68270	99



## ReNatura® *Organic* Cover crops

The ReNatura® Organic Cover crops product line includes 9 quality organic products.



Please contact us for a precise breakdown of the mixtures!

Product name	Description	Contents	Area	SU	Item No.	SU/pallet
<b>ORGANIC</b> <b>Small animal feed</b> (Kleintiereinsaat)	The ReNatura® Small animal feed is a mixture that is suitable for all soils and contains valuable fodder plants for rabbits, hamsters, etc.	1.0 kg	50 m <sup>2</sup>	10	68126	40
<b>ORGANIC</b> <b>Alfalfa</b> Medicago sativa	The “queen of fodder plants” is a beloved source of perennial fodder for many species of livestock, including cattle and sheep.	0.5 kg	100 m <sup>2</sup>	10	68142	96
<b>ORGANIC</b> <b>White clover</b> Trifolium repens	This perennial clover species is an excellent source of fodder when sown pure or in mixtures with grasses.	0.5 kg	100 m <sup>2</sup>	10	68166	96
<b>ORGANIC</b> <b>Red clover</b> Trifolium pratense	This perennial clover species is an excellent provider of feed for fresh forage and clover hay production.	0.5 kg	100 m <sup>2</sup>	10	68152	96
<b>ORGANIC</b> <b>Blue lupin</b> Lupinus angustifolius	Blue lupin is suitable for all soils, efficiently suppresses weeds and forms soil-loosening taproots.	0.5 kg	15 m <sup>2</sup>	12	68112	63
<b>ORGANIC</b> <b>Common buckwheat</b> Fagopyrum esculentum	Buckwheat can be a part of many crop rotations and used in a variety of applications. Its white flowers are visited by numerous beneficial insect species.	0.5 kg	50 m <sup>2</sup>	12	68156	63
<b>ORGANIC</b> <b>White mustard</b> Sinapis alba	ReNatura® Gelbsenf white mustard is a classic green manure plant. It germinates very quickly, covers the ground and dies back in winter.	0.5 kg	100 m <sup>2</sup>	12	68116	63
<b>ORGANIC</b> <b>Lacy phacelia</b> Phacelia tanacetifolia	Lacy phacelia, also called bee pasture, is a green manure plant that is particularly suitable for vegetable gardeners.	0.5 kg	100 m <sup>2</sup>	10	68146	96
<b>ORGANIC</b> <b>Soil fit</b> (BodenFit®)	Organic Soil fit is a mixture of various green manure plants, which was primarily designed for use in catch crop cultivation.	0.5 kg	50 m <sup>2</sup>	12	68122	63







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