

# HÜLSENFROUCHTGEMENG

... the nitrogen supplier



## Benefits:

- Due to the symbiosis with nodule bacteria, large amounts of atmospheric nitrogen are bound and made available for plant growth.
- Good weed suppression and intensive rooting performance due to the interaction of the components, especially the small-grained field bean AVALON roots deeply and improves the soil structure
- Due to atmospheric nitrogen fixation, promotion of good soil structure and crumb formation beneficial for the following crop
- Use: for fresh feeding as a high-quality protein fodder in late summer to autumn, for nitrogen generation in crop rotation or as a side-seed in oilseed rape
- Optimal CO<sub>2</sub> footprint
- Also suitable for sites with low nitrogen availability

## Blend details:

Composition of blend Seeds %	11 % Small-seeded faba bean AVALON
	32 % Spring forage pea RUBIN
	57 % Common vetch ARGON

without cruciferae, with legumes, Without grass, not winter-hardy

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## Usage:

No multiplication of beet cyst nematodes  
Green manure  
Biogas- and fodder production  
Humus formation  
Protection against erosion  
Nitrogen fixation  
Mulch sowing  
Pollinator attractiveness

## Crop rotation suitability:

+ suitable / ++ strongly recommended

Maize	++
Cereals	++
Oilseed rape	++
Sugar beets	++
Potatoes	
Intensive crops	
Legumes	

## Agronomic features:

bad / early / short / low      good / late / long / high / tall

Weed suppression	6
Protection against erosion	6
Ground water protection / Nitrogen conservation	5
Humus formation	5
Cold- and frost resistance	2
Drought tolerance	3
Type of root	Tuft root + Tap root
Rooting depth	180 cm

## Cultivation recommendations:



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Recommended sowing rate	120 - 150 kg/ha
Sowing depth	3 - 5 cm
Sowing period	Juli bis Mitte August
Fertilization	Due to the high legume content, fertilisation is not necessary.
Crop protection	Usually there is no plant protection required
Sowing method	Drill sowing ensure high crop emergences