

## Ackerbohne (Zwischenfruchtnutzung)

# AVALON

Small seeded variety - ideal green manure-, green fodder- and cover crop



### Benefits:

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- AVALON is characterized by its low thousand seed weight (TKW) of 300 - 350 g
- Small seeds allow lower sowing depth together with small seeded partners in blends
- High biological nitrogen fixation due to symbiosis with Rhizobium bacteria
- Extended and deep root system with tap root and high biomass improves soil structure and
- allows nutrient mobilisation in deeper soil zones
- Valuable partner in cereal/legume blends for whole crop silage
- Useful accompany plant for winter oilseed rape sowing under high insect pressure

Representative: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 30.08.2019 / 2.00

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### Usage:

Green manure  
Humus formation  
Protection against erosion  
Biogas- and fodder production  
Nitrogen fixation  
Pollinator attractiveness  
As component suitable for greening blends

### Crop rotation suitability:

+ suitable / ++ strongly recommended

Maize	++
Cereals	++
Oilseed rape	++
Sugar beets	+
Potatoes	+

### Agronomic features:

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

Weed suppression	6
Protection against erosion	6
Ground water protection / Nitrogen conservation	1
Humus formation	8
Cold- and frost resistance	1
Drought tolerance	2

### Cultivation recommendations:

Recommended sowing rate	Single-crop sowing: approx. 40 grains / m <sup>2</sup> , Sowing with a partner is recommended
Sowing depth	3 – 6 cm depending on the type of soil
Sowing period	June to mid August - depending on location!
Fertilization	Fertilization is normally not necessary for cover crop cultivation
Crop protection	Usually there is no plant protection required
Sowing method	Drill seed is recommended

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