



## *Vicia sativa*

### AISIAI

#### Cover crop power for soil and forage production

Medium-late maturity variety with strong growth potential, suitable for cover crop mixtures and high quality forage production. This variety is characterized by ability to ensure stable and uniform biomass development throughout the vegetation period.

- **Yield potential**
  - ✓ high yield biomass production with excellent nutrient content
- **Plant structure**
  - ✓ tall, robust, leafy plants with good resistance to diseases
- **Crop structure**
  - ✓ uniform crop effectively covers the soil, reducing weed pressure
- **Growth development**
  - ✓ achieves optimal green biomass yield in the short period
  - ✓ ensures consistent biomass supply throughout the season
- **Adaptability**
  - ✓ for early harvest, cover crop mixtures or crop rotations systems
  - ✓ important component in cover crop mixtures
- **Drought resistance**
  - ✓ high drought tolerance, especially in spring



#### Recommendation:

- **Seed rate:** for silage production (60 kg/ha vetch and 180 kg/ha oats)
- **Seed rate:** for cover crop and biomass (120 kg/ha vetch and 120 kg/ha oats)



*Growing up together...*



## *Vicia sativa*

### HANKA

#### Premium quality biomass and cover crop production

Medium-early variety with high biomass yield, excellent forage quality and adaptability to different soil types. Recommended for cover crop and forage mixtures production. Vegetation period-70 days.

- **Yield potential**
  - ✓ guarantee a high biomass yield and safe forage production
- **Forage value**
  - ✓ 32%/DM protein content and low tannin levels up to 0.05%/DM
- **Benefits to soil**
  - ✓ improves soil structure and increases organic matter content
  - ✓ improves water and air circulation
- **Crop structure**
  - ✓ uniform crop effectively covers the soil, reducing weed pressure
- **Adaptability**
  - ✓ in a mixture with oats, radish, linseed or other cover crop - maintains soil biodiversity, structure and prevents erosion and compaction
- **Drought resistance**
  - ✓ high drought resistance under drought conditions

#### Recommendation:

- **Seed rate:** for silage production (60 kg/ha vetch and 180 kg/ha oats)
- **Seed rate:** for cover crop and biomass (120 kg/ha vetch and 120 kg/ha oats)



## *Vicia villosa* Roth.

### REA

#### High green mass yield for every farm

Early maturity, high yielding variety, suitable for green biomass production and cover crop mixtures. Adapted to various soil conditions with rapid spring growth. An excellent choice for use in combination with winter rye.

- **Yield potential**
  - ✓ high biomass yield for efficient forage production
- **Forage value**
  - ✓ forage crop with high protein content – ideal for livestock feed
- **Plant structure**
  - ✓ winter hardy, diseases resistant plants with vigorous growth and good leaf coverage
- **Crop structure**
  - ✓ early spring regrowth allows for early forage harvest for livestock
  - ✓ drought-tolerant and grows well in poor soils
- **Adaptability**
  - ✓ flexible sowing time, suitable for both autumn and spring
  - ✓ highly productive in combinations with winter rye or triticale



#### Recommendation seed rate for cover crop and biomass:

- 50-60 kg/ha vetch and 80 kg/ha winter rye
- 100 kg/ha vetch and 70-100 kg/ha oats



## *Vicia pannonica* Crantz.

### BETA

#### Ideal for catch/cover crop and biomass production

Frost resistant, winter hardy, suitable for growing in mixtures with winter rye, triticale or oats. The mixture advantage - high green biomass yield under unfavorable weather conditions. The biomass is used for cattle feeding or silage production. The produced forage has excellent nutritional value and good digestibility.

- **Yield potential**
  - ✓ biomass yield under 30 t/ha
- **Plant structure**
  - ✓ robust stem, leafy plants, height 80–120 cm
- **Resistance**
  - ✓ frost-tolerant with intensive growth and development after winter
- **Adaptability**
  - ✓ fresh forage for cattle or raw material for silage production
  - ✓ component of catch/cover crop mixtures
- **Benefits to soil**
  - ✓ improves soil nitrogen levels, reduces the need for mineral fertilizers, and supports better soil quality

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