



MAS4 COVER INNOV



Summer cover crop

Biomass

Soil structure

AGRONOMIC COVER FOR EARLY TO MID-EARLY SEEDING, EASY TO DESTROY

- **SOIL COVER AND STRUCTURE**

Complementarity of species

- **HIGH BIOMASS YIELD**

+ 3 tDM before winter

- **EASY TO DESTROY**



Mixture details

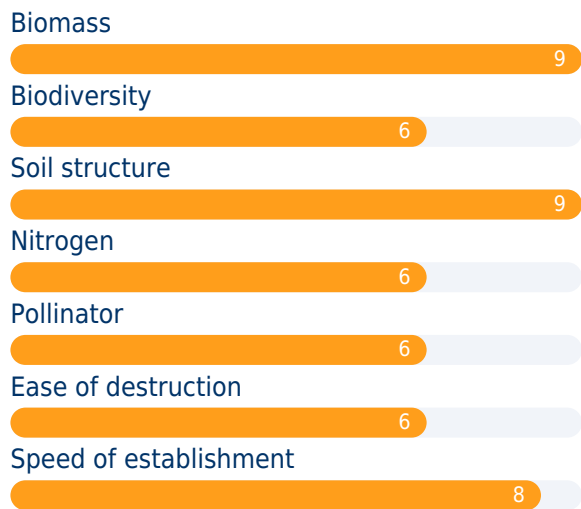
Species	% Weight	No. kernels/m ² at min density	Frost sensitivity at maturity	Benefits
Sunflower	25%	3	-2 °C	Taproot, tolerant to drought, attract pollinators. Strong development in summer.
Brown Mustard	8%	21	-5 °C	Late flowering which avoid mustards to go to seed and reduce lignification. Quick installation, good soil structuration and take up the residual soil nitrogen left.
Buckwheat	20%	6	-2 °C	Quick development in summer and beginning of winter. Allelopathy effect. Susceptible to produce seeds.
French honeysuckle	17%	29		Annual sainfoin, vigorous, mediteranean specie tolerant to drought and prefers warm temperatures.

Species	% Weight	No. kernels/m ² at min density	Frost sensitivity at maturity	Benefits
Phacelia	30%	118	-7 °C	Versatile specie that will fill all remaining spaces in cover crops. Good for pollinators and not in botanical family of main crops.

Nutrient gain for the next crop

	Cover crop biomass		
	3t DM	4t DM	5t DM
Nitrogen (kg/ha)	45	55	70
Phosphorus (kg/ha)	15	20	25
Potassium (kg/ha)	100	135	170
Carbon (t/ha)	0.4	0.5	0.7

Mixture effects



1-3 sensitive - poor | 4-6 medium - good | 7-9 tolerant - excellent

Sowing & Cultivation

Sowing period Mid August / Late September

Sowing rate 7 - 8 kg/ha = 160 g/m²

Sowing depth 1 - 2 cm

Destroy one month before the main crop.

The results and recommendations given in this document are the values based on MAS Seeds R&D network and are intended for general guidance. We cannot assume any liability for the future achievement of these values, as the individual results and the performance may vary in different local growing, soil and weather conditions.