

MAS4 COVER NITRO T

FOR AUTUMN / WINTER SOWING

- **EXCELLENT NITROGEN PROVIDER**
thanks to more than 90% of legumes in the mixture
- **FAST SOIL COVER, EASY TO DESTROY**
Chinese radish covers the soil quickly, species in the mixture tolerates early or late sowing and mechanical destruction.
- **STRUCTURES THE SOIL**
Crucifers in the mixture penetrates well the soil and improves water infiltration



92% Fabaceae

8% Brassicaceae

MIXTURE DETAILS

Species	Variety / Type	% Weight	No. kernels/ m ² at min density	Frost sensitivity at maturity	Benefits
Field Pea	ASTEROID	50%	16	-10 °C	'Protein type' pea with long vines with high forage yield. Very tolerant to lodging and foliar diseases. Very performant associated with cereals.
Daikon Radish	RAPHANUS SATIVUS DAIKON	8%	21	-7 °C	Deep root to structure the soil. After destruction the roots will leave big holes in the soil for macro porosity.
Common Vetch	VICIA SAT WINTER	42%	33	-12 °C	Versatile legumes, fit for all soil and conditions, cover well the soil. Needs a tutor to avoid disease development

NUTRIENT GAIN FOR THE NEXT CROP

	COVER CROP BIOMASS		
	3t DM	4t DM	5t DM
Nitrogen (kg/ha)	60	84	96
Phosphorus (kg/ha)	20	30	40
Potassium (kg/ha)	140	195	235
Carbon (t/ha)	0.5	0.7	0.80

MIXTURE EFFECTS

Biomass	8
Biodiversity	3
Soil structure	8
Nitrogen	9
Pollinator	3
Ease of destruction	9
Speed of establishment	7

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

SOWING & CULTIVATION

Sowing period	Mid September-Mid November	Ideal sowing is between mid-September and end-October at 2cm depth. It can be sown together with 20 kg field beans.
Sowing rate	30-50 kg/ha = 70 g/m ²	
Sowing depth	2 cm	
Duration	Annual	