

TERRALIFE®-BIOMAXX ORGANIC

Fast-growing mixture for later sowing dates

Profile

BioMaxx organic has been developed for use prior to legume cultivation and for growing in water protection areas. Due to its high proportion of fast-growing species such as mustard and buckwheat, the mixture is particularly suitable for late sowing dates. The aim of the mixture is to build up biomass rapidly in order to suppress weeds quickly. The species contained in the mixture have a high nutrient uptake capacity and thus help to prevent nitrogen, in particular, from being leached out.

- Ideal before and after grain legumes
- High nutrient uptake potential
- Fast biomass development

Components

0%	Legumes
30.1%	Cruciferous
	Bristle oat, Sorghum, Phacelia, Fagopyrum tataricum, Sunflower, Mustard, Oil radish, Linseed, Falseflax

If individual varieties/species are not available, they will be replaced by equivalents.

Sowing pattern

	blank seed, mulch sowing, direct sowing, spreader device on tillage implement, scattered seed, drone

Additional information

Special characteristics	Ideal, fast-growing mixture.
Seed bed preparation	The sowing depth is max. 2 - 3 cm. When preparing the seedbed, make sure that the requirements of fine seeds are taken into account (fine-crumbly, well reconsolidated seedbed). In order to save water, sowing should be done immediately after the combine threshing with flat tools. A combination of tillage and drilling (e.g. with mulch seed drills) is ideal. The use of rollers (e.g. Güttler roller) in combination with spreading or drilling technology can be very useful and efficient. Very good straw distribution is important. In the case of high straw quantities, care must be taken to ensure sufficient nitrogen compensation.
Sowing rate	In case of poor external conditions, such as insufficient seedbed, late sowing date, insufficient nutrient supply and unfavourable weather, seed rates should be adjusted upwards.
Date for sowing	The sowing times are to be adapted regionally. If, due to weather conditions or from the point of view of labour economics, rapid sowing is not possible, any advantage of the volunteer cereals must be prevented by appropriate tillage measures. Special attention should be paid to the swath area when straw has been harvested.
General cultivation instructions	If sown too early and under stress conditions (especially drought stress), some plant species (buckwheat, mustard, oil radish, phacelia) may form seeds prematurely. In these cases, timely mechanical stopping of growth is recommended to prevent possible seed ripening. If the mixtures are left over winter, a mulching pass at the end of the vegetation is recommended to allow a safe freezing and even incorporation in spring. As a matter of principle, the vegetation should not be worked in green.

Crop rotations

Cereals, Grain legumes, Maize

Cultivation notes

Sowing rate	20 - 25 kg/ha	Particularly suitable as late sowing or for cool locations
Sowing time	from middle of August to beginning of September	
Usage	Cover crop, late sowing, very late sowing	

All organic mixtures are produced with 100 % organic content in accordance with the EU Organic Farming Regulation 2018/848. For mixtures with at least 70% organic content, the farmer must obtain approval from his inspection body for the use of the conventional content before sowing, starting with production in January 2022.

We aim to use at least 2 varieties per ripening group for mix proportions of more than 20 % of one species and for perennial ryegrass. The choice of varieties may vary depending on production. If individual species or varieties are not available, they are replaced by equivalent ones. The seed strengths are calculated for an optimal seedbed; in case of poor external conditions - such as insufficient seedbed, late sowing date, insufficient nutrient supply and unfavourable weather - the seed strengths should be adjusted upwards.

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