

viterra® Cover crop blend

# UNTERSAAT GRAS

... for sustainable maize cropping



## Benefits:

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- Grass blend of *Lolium multiflorum* (*tetraploid*) and perennial ryegrass (*diploid*) for use as undersown crop in maize
- After the maize harvest, the grass continues to develop and binds available nitrogen
- **viterra® UNTERSAAT** stabilizes humus balance even during tight maize crop rotations
- Optimal for carbon farming and regenerative agriculture
- Effectively protects against wind and water erosion in winter
- Early growing *Lolium multiflorum* combined with late growing perennial ryegrass guarantees a high crop reliability
- Increases soil sustainability and reduces dirt on the roads during harvest

## Blend details:

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Composition of blend Seeds %	50 % Perennial ryegrass
	50 % Italian ryegrass

without cruciferae, without legumes, With grass, winter-hardy

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## Usage:

Green manure  
Humus formation  
Ground water protection / Nitrogen conservation  
Protection against erosion

## Crop rotation suitability:

+ suitable / ++ strongly recommended

Maize	++
Cereals	
Oilseed rape	
Sugar beets	
Potatoes	
Intensive crops	
Legumes	

## Agronomic features:

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

Weed suppression	3
Protection against erosion	8
Ground water protection / Nitrogen conservation	7
Humus formation	9
Cold- and frost resistance	9
Drought tolerance	6

Type of root	Tuft root
Rooting depth	80 cm

## Cultivation recommendations:

Recommended sowing rate	10 - 15 kg/ha
Sowing depth	2 - 4 cm
Sowing period	6 - 8 weeks after maize sowing, to 6 - 8 leaf stage of maize
Fertilization	Relevanter Leguminosenanteil laut DüV: 0 %
Crop protection	Soil-active herbicides only up to the 2 - 3 leaf stage of maize with reduced application rate; in the 6 - 8 leaf stage use only foliar herbicides
Sowing method	With pneumatic spreader, harrow or together with slurry fertilisation in standing maize crop

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