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ILVO (formerly RvP) has a long breeding tradition originally focused on local crops. ILVO is a forerunner and a niche player. In addition to scientific research, we also deliver end products for agriculture and horticulture in Belgium and beyond.

This unique combination allows us to work in a multidisciplinary way. With research as the starting point, we can use the most up-to-date (re)production techniques in plant breeding.

As a demand-driven developer of novelties, we respond to current market needs: high-yielding, climate-robust cultivars with improved disease resistance, reduced water requirement/uptake, higher protein content and other quality characteristics such as reduction of nematode infestations.

We invest in cultivars for sustainable production with respect for soil, water and the ever-increasing cost of inputs.

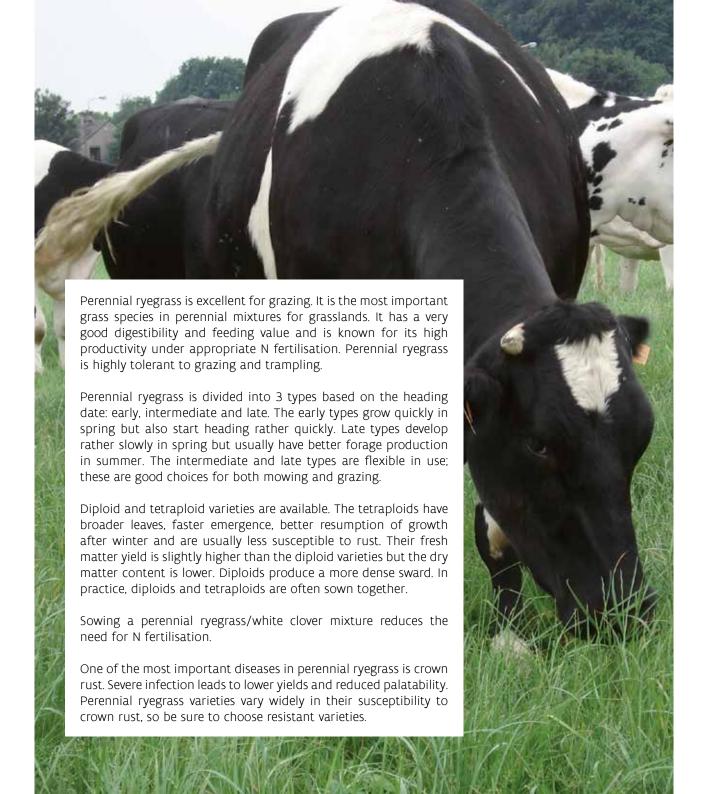
We welcome new challenges: we create new varieties that contribute to on-farm protein production.

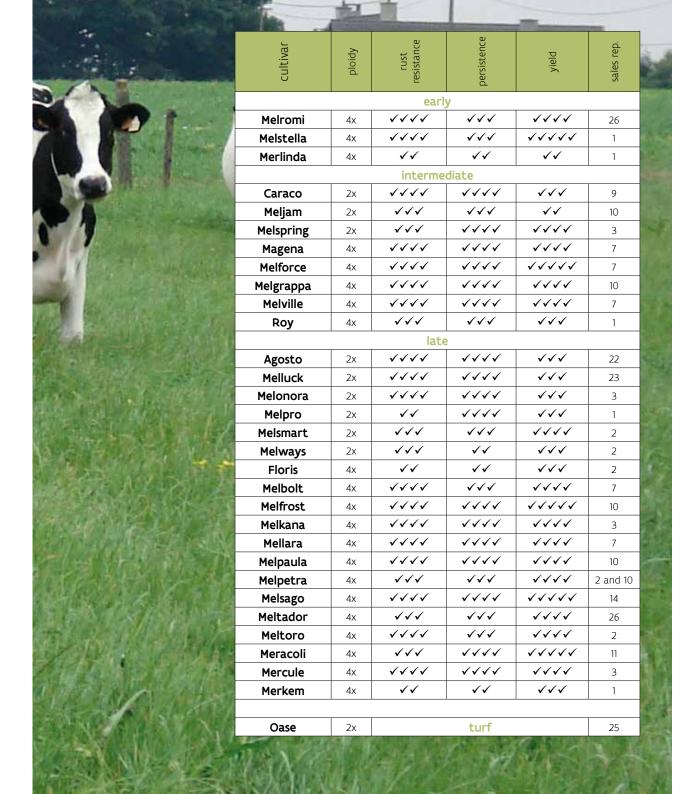
The endless patience and commitment of our breeders creates new crop cultivars with remarkable added value.

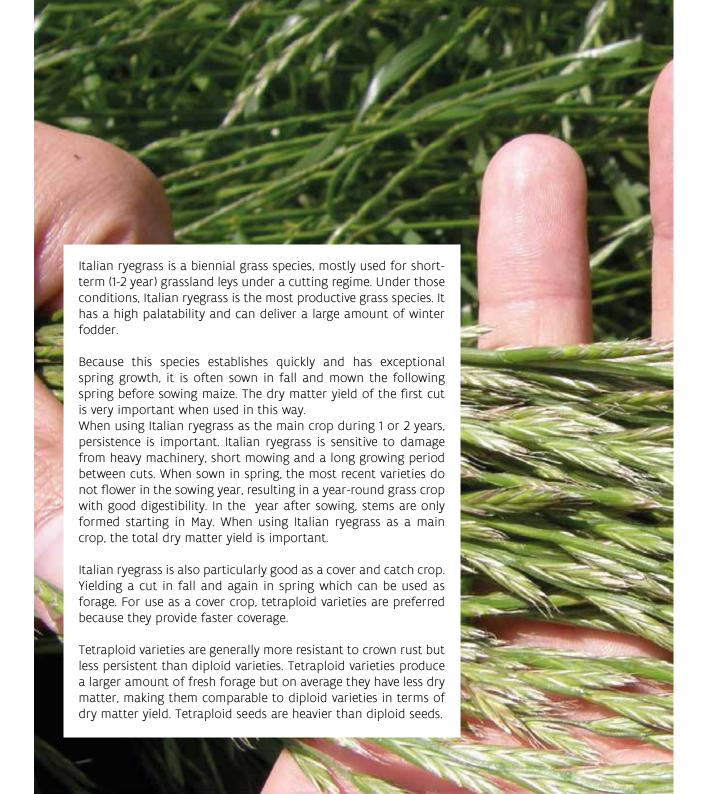
Our on-site production unit and our quality control programme throughout the chain guarantee delivery of high quality basic seeds. Our varieties are commercialised worldwide through sales representatives.

This booklet offers an overview of all of our selections to help you choose the best variety.



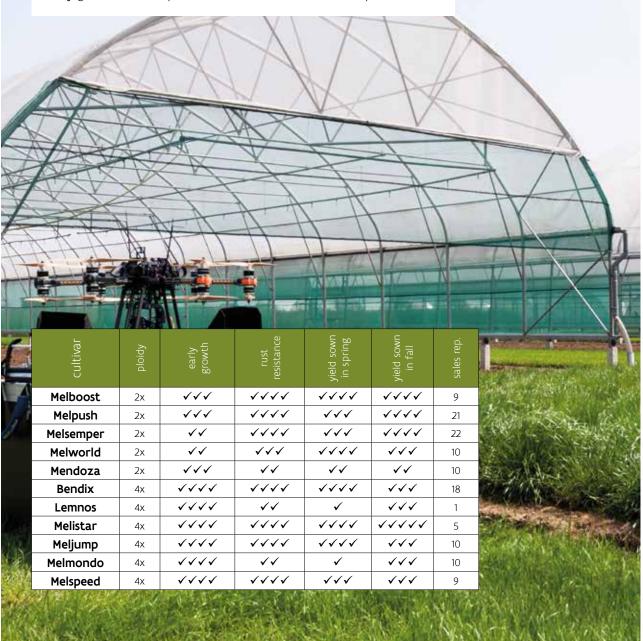






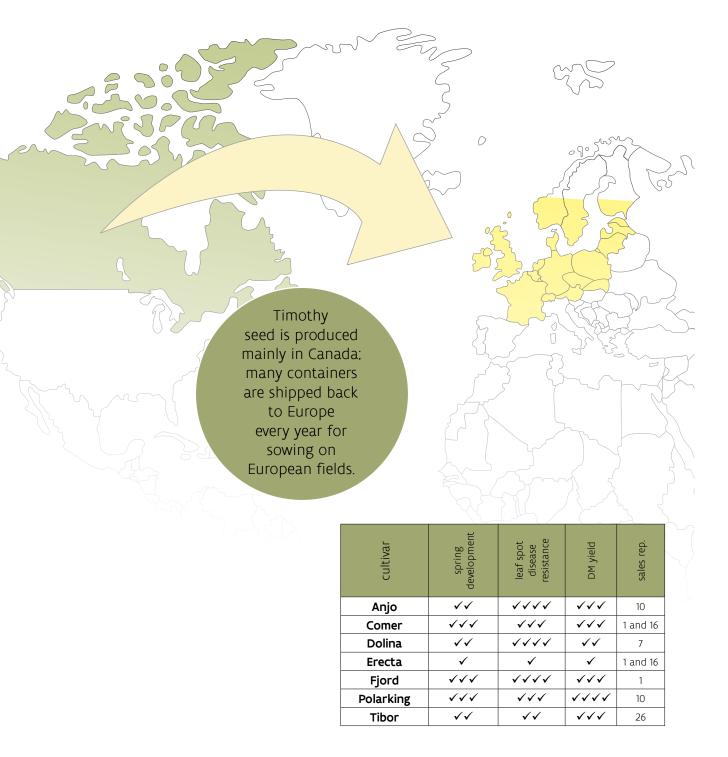
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Westerwold ryegrass is an annual species for use in mowing. It is sown early in spring as a main crop, or in summer as a repeat crop or cover crop. Its fast development makes it very productive. When sown in spring, it will head after the first cut. Tetraploid varieties have faster early growth, while diploid varieties are somewhat more persistent.



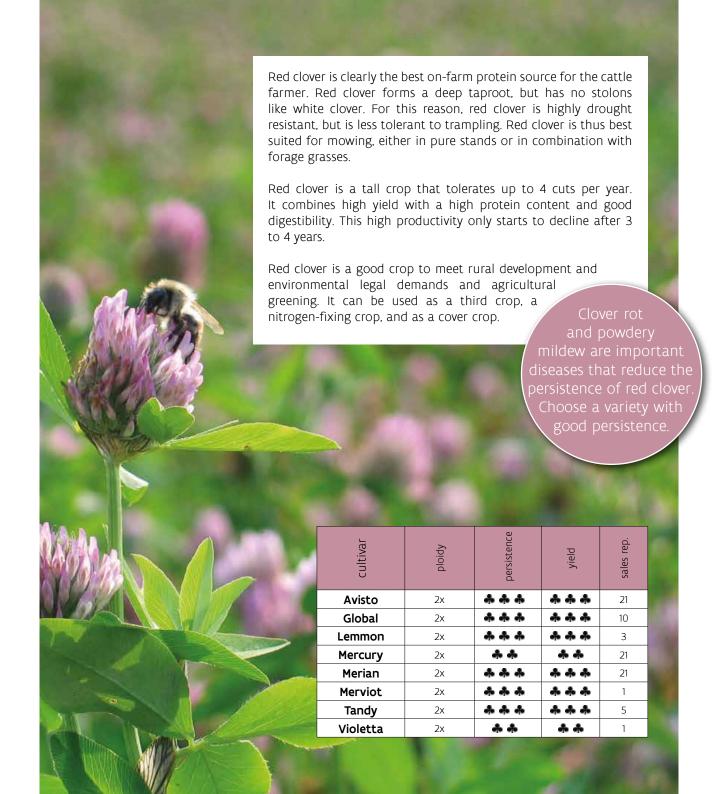














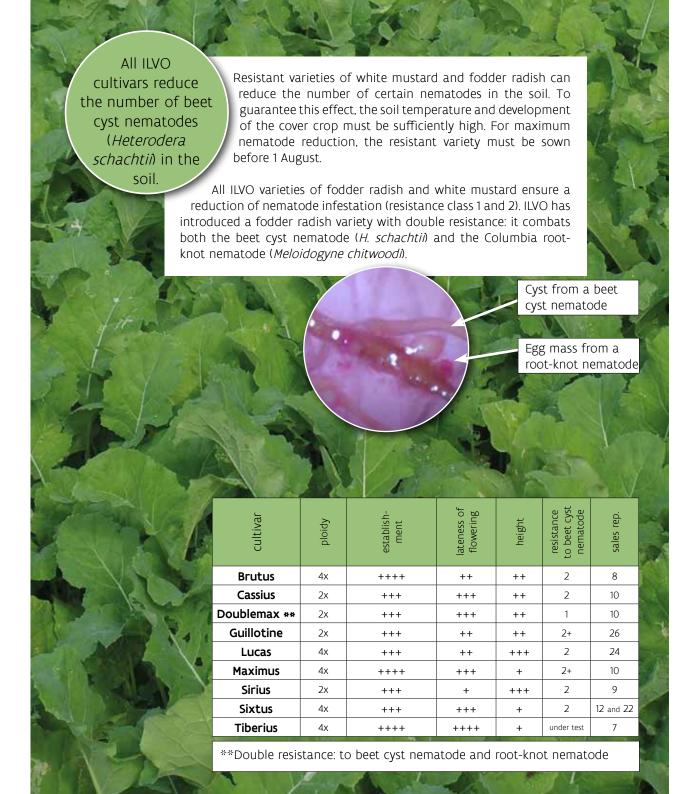
All ILVO
cultivars reduce
the number of beet
cyst nematodes
(Heterodera
schachtii) in the
soil.

Green manure crops or cover crops such as white mustard or fodder radish protect and feed the soil. They prevent soil compaction and erosion. Adding organic material improves the workability, water-retention capacity, the mineral content and the soil structure as well as supporting the soil resilience. Further, planting a green manure crop captures nitrogen and other minerals that would otherwise leach out of the soil. Some green manure crops even reduce the number of certain nematodes in the soil.

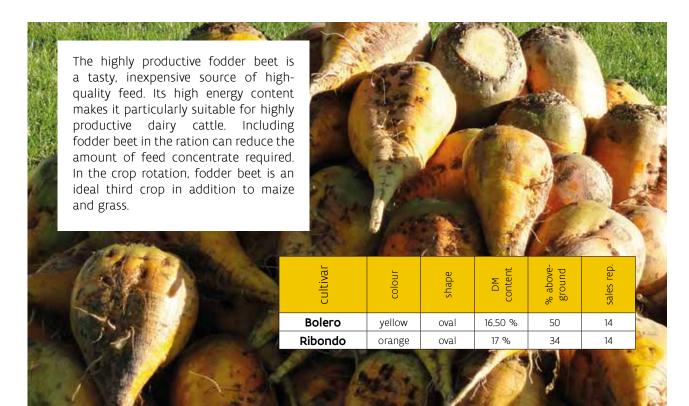
Both white mustard and fodder radish grow quickly and rapidly cover the soil. In this way, they reduce weed pressure better than cereals or grasses. The ILVO varieties are bred for fast coverage and late flowering to prevent seed contamination of the field. For a late sowing date (September), white mustard is more suitable than fodder radish. Both crops are sensitive to frost. Flailing or mowing ease subsequent plowing in spring.

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|----------|----------|--------------------|--------------------------|---------|--|------------|
| cultivar | ploidy | establish- ment | lateness of flowering | height | resistance to beet cyst nematode | sales rep. |
| Chacha | 4x | +++ | ++ | ++ | 2 | 2 |
| Fox * | 2x | +++ | ++++ | + | 1 | 10 |
| Meringue | 2x | ++++ | ++ | +++ | 2 | 12 |
| Polka | Polka 2x | | +++ | ++ | 2 | 22 |
| Rumba | Rumba 2x | | ++++ | + | 2+ | 10 |
| Salsa | 2x | ++++ | +++ | ++ | 2 | 12 |
| Solea | 2x | ++++ | ++ | +++ | 2 | 9 |

* Highest resistance to beet cyst nematodes



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|--|---|---------------|--------|------------|------------|---------|------|-----------|------|----|--|
| | | | | | | | | * | 多些 | | |
| cultivar | winter | digestibility | yield | sales rep. | * | | | | | | |
| Dino | ++ | +++ | ++ | 22 | 12 - | - | | CHAIN | 5-5 | 2 | |
| Napole | eon +++ | +++ | ++++ | 9 | Sec. | 1 | 1 | 1 | | | |
| Wilm | a +++ | +++ | +++ | 21 | | 490 | 1000 | A Company | 力可能 | | |
| Forage rape germinates quickly and establishes quickly, leading to excellent weed suppression. The ILVO varieties of forage | | | | | | | | | | | |
| rape are bred for their abundant, disease-free leaves. They are very winter-hardy, which makes them suitable as a catch crop | | | | | | | | | | | |
| | (sowing from July to early September). These varieties can also become a source of forage in autumn as well as during winter. | | | | | | | | | | |
| becon | ne a source of | torage in | autumn | as well as | s during w | vinter. | No. | | | 17 | |
| 40 | | A CO | - | 4 | | | | | Mala | | |



| Turnips are fast-growing and can be used as a catch crop. They are selected for | cultivar | resistance to club root | yield | sales rep. | |
|---|-------------|-------------------------------|-------|------------|-----|
| their healthy leaves and | Durmelander | + | +++ | 1 | 3.1 |
| large, healthy bulbs. Turnips | Dynamo | ++ | ++ | 14 | M. |
| are less tolerant to frost and are ideally sown before | Leielander | +++ | ++ | 1 | |
| mid-August. They can offer | SF Envy | ++ | ++ | 20 | V. |
| a source of forage in fall | SF G2 | ++ | ++ | 20 | |
| and early winter. The ILVO varieties are bred based on robust varieties including the Belgian landraces 'Leielander' and 'Durmelander'. | | | | | |

