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Radish coated seed

4 weeks advance in nematode control

Growing catch crops offers many benefits for follow-on arable crops. The main advantages are improved humus balance, soil loosening, protection against erosion, plant health, and organic nematode control when growing beet, potatoes or vegetables.

Breeding has produced late-flowering radish varieties for farmers to use in organic nematode control. Crop rotation and the cultivation of later-ripening wheat varieties means that the growth phase of

many nematode-resistant catch crops is too short to achieve effective nematode control. Feldsaaten Freudenberger offers a completely new way of sowing this important catch crop in crop rotation systems that include beet, potatoes and vegetables:

Radish coated seed

The seed is covered in a coat consisting of a carrier substance, a plant strengthener and humic acid. This increases the weight of the seed, allowing it to be sown accu-

rately within a radius of up to 26 metres. Seeds are undersown into wheat about 3 weeks before the harvest using a fertiliser spreader (ideally a pneumatic model). The existing rows are used for this. Tests have clearly shown that these heavier seeds are much more evenly sown than uncoated seeds. It was also found that coated seed coped much better with drought stress than uncoated seeds, as additional water can be stored in the coat. Radicles also form more quickly from coated seed.



Comparison between conventional uncoated seed (35 days after sowing) and coated seed (60 days) after sowing



Coated seed 22 days after sowing



Sowing coated seed with a fertiliser spreader about three weeks before the wheat harvest



Comparison between coated seed (35 day after sowing) and conventional uncoated seed (10 days)

Structure of radish coated seed



Advantages of sowing coated seed compared to conventional seed:

- Better soil contact leads to higher emergence rates
- Seedlings get the nutrients they need so that young plants develop strongly
- The coat preserves and protects the seed until the ideal moisture conditions have been reached
- Growth is much better than with post-harvest sowing
- Sowing radius of up to 26 metres
- Contains plant strengtheners to improve the health and strength of young plants
- Contains humic acid for reliable germination and increased nutrient uptake
- Even distribution pattern



■ TORO

Coated seed

TORO is a late-flowering radish that is a great benefit to farmers operating a crop rotation system that includes potatoes because of its outstanding control of the pathogens that cause spraing, a viral disease. It can be recommended in particular as a catch crop. The deep taproots loosen even subsoil layers, and it also helps form new humus.

Particularly suitable for
Potatoes in crop rotation

Pack size: 25 kg

Product no. 400411

■ MAXIMUS

Coated seed resistant

MAXIMUS comes into flower late, is low-growing, grows quickly in the early stages and produces very good soil cover. It is also very stable and easy to flail. Maximus is not highly susceptible to Alternaria or yellowing. As a late-flowering variety, Maximus can be sown early as it does not reach the seed-setting stage. Nitrogen fertilisation also promotes plant growth.

Particularly suitable for
Beet in crop rotation

Pack size: 25 kg

Product no. 400416

■ FARMER

Coated seed dual-resistant

FARMER is a dual-resistant radish. It can be grown for organic control of beet nematodes, free-living nematodes and root gall nematodes.

Top properties:

- dual-resistant
- produces few flowers
- good nematode eradication
- very stable
- grows quickly in the early stages

Particularly suitable for
Potatoes, vegetables and
beet in crop rotation

Pack size: 25 kg

Product no. 400406