

Arable Update

JUNE 2021

In this edition

- **PT303 Pioneer Protector® winter oilseed rape hybrid.**
- **Your best Option® for your blight programme.**
- **Univoq™ 2021 trials.**
- **Managing early risk in OSR with Belkar®.**

PT303 Pioneer Protector® Sclerotinia winter oilseed rape hybrid.

PT303 is the first winter oilseed rape hybrid with a tolerance to Sclerotinia.

In AHDB Candidate List trials it delivered the top gross output in each region with a UK yield of 111%, an East/West yield of 116% and 105% in the North.

In addition to its breakthrough Sclerotinia tolerance, PT303 has proven resistance to TuYV and RLM7 enhanced Phoma resistance. This unique combination allows you to manage your crop with greater flexibility and assurance in our increasingly warmer and wetter climate.

PT303 is available for sowing in autumn 2021 for the first time.

- First Protector Sclerotinia hybrid launched in Europe.
- Unique native multi-genic Sclerotinia trait.
- PT303 Protector Sclerotinia yielded over 15% more than the non Sclerotinia tolerant check over 6 untreated trials*

- PT303 Protector Sclerotinia yielded in all observed ranges of disease pressure.
- With a 30% reduction in visible infection of stems vs non-tolerant check, Pioneer Protector Sclerotinia hybrids reduce development and transfer of this damaging disease.

*Pioneer trials

Non-tolerant check



Protector Sclerotinia



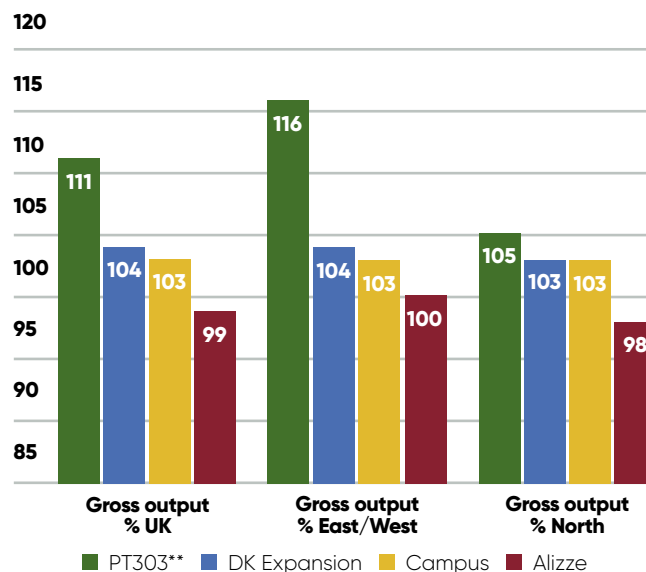
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PT303 Characteristics

	UK	East/West	North
Gross Output**	111%	116%	105%
Rank	1st	1st	1st
High Oil Content		46.2%	
Lodging Resistance		9	
Stem Stiffness		8	
Plant Height		155cm	
Protector Sclerotinia Tolerance		YES	
TuYV Resistance		YES	
Phoma Resistance		7	
Light Leaf Spot Resistance		6	
Earliness of Flowering		4	
Earliness of Maturity		6	

*Pioneer research. **AHDB Recommended List winter oilseed rape trials harvest 2021 Candidate varieties. Full AHDB data set at www.ahdb.org.uk/rl

AHDB RL Candidates 2021



The best Option[®] for a clean start to your blight programme.

Cymoxanil has been the backbone of the UK blight programme for many years and continues to provide invaluable curative activity that can be combined with other AIs at any stage of the blight programme.

With the future of mancozeb uncertain, **Option**, containing straight cymoxanil, offers additional curative activity of up to two days, and an alternative mode of action when mixed with other single AI blight products such as Revus, Ranman or Shinkon.

Commonly added when blight pressure is greatest to provide some curative “kick back” for preventative blight products, Option should increasingly be used more routinely as an anti-resistance partner. It is active at multiple points in the Late Blight lifecycle and the pathogen has not developed resistance to cymoxanil, despite its widespread use over time. Whilst changes to the pathogen have arguably shortened the “kick back” period from 3 to 2 days, this reflects the aggressive nature of the current strains, rather than any change in the efficacy of cymoxanil.

Given the changes to the pathogen, getting a clean start for the crop, with no lesions on stems at the base of the

canopy is more important than ever, so including a truly curative AI like cymoxanil with the rosette spray makes excellent sense.

Option may be applied up to 8 times throughout the season, covering more than half the applications in a typical UK blight programme of circa 14 sprays. Whilst it should always be mixed with another blight fungicide due to its short persistence in the plant, its truly curative properties and unique mode of action make it a highly effective partner for single AI and purely preventative late blight fungicides.

In addition, the lack of buffer zone and 1-day pre-harvest interval (PHI) provide total flexibility to mix with all potential partner products with no further complications in application.

Option[®]
FUNGICIDE



How do I use Option?

- Apply in mixture at 0.15kg/ha.
- Use it early in the programme to get your crop off to a clean start.
- Include in the programme as blight pressure increases to add curative activity to preventative products, including straight mancozeb while still available to UK growers, or as an anti-resistance partner for single AI fungicides.
- If added to mancozeb, Option will provide robust curative activity while the mancozeb provides the persistence required in a 7-day programme and protection against Alternaria.

Follow the potato crop progress in our informative video series from the field with Craig Chisholm, Field Technical Manager at Corteva Agriscience.

Click for more details and to watch Craig's latest #FollowTheCrop videos: [27 May 2021](#) and [14 June 2021](#).

Univoq™ 2021 demo trials

The Corteva team are busy looking at Univoq trials and seeing that the May rain certainly got Septoria going and yellow rust has developed aggressively in some parts too. Univoq at 1.25L/ha is holding up extremely well and looking better than a range of alternatives against both diseases at a number of sites. If you would like to see a Univoq demonstration site, please contact us at 0800 689 8899 and we'll see what we can do.

Visit our Univoq microsite for virtual trials, downloadable resources and more:
univoq.corteva.co.uk



Don't spray until your OSR's well away.

Reduce risk and wait until your crop has established before investing in broad-leaved weed control.

Belkar®
Arylex™ active
HERBICIDE

Herbicide technology that helps manage early risk in OSR

Belkar® – a novel post-emergence herbicide for superior control of a wide range of broadleaf weeds including some important key weeds in winter oilseed rape – is available to farmers and advisors who want to see crops establish and weeds emerge before deciding on their herbicide investment.

Belkar is highly effective against key weeds such as cleavers, cranesbill, fumitory, poppies and shepherd's purse.

Belkar contains Arylex™ active, an active ingredient recently introduced to oilseed rape, together with the well-established active ingredient picloram. It can deliver robust and reliable control of problem weeds in the variable conditions associated with the autumn with a flexible window of application from September to the end of December.

Growers and advisors can now wait until their crop has established and weeds emerged before tackling them with Belkar.



Subscribing to Corteva Agriscience™ Arable Update gives eligibility for 2 Crop Protection BASIS points annually.

Please include course name 'Arable Update' and number 'CP/111460/2122/g' on your training record and send to: cpd@basis-reg.co.uk. These details apply until 31 May 2022.

We're here to help you. Corteva's Technical Services Team

For technical advice and support, contact the technical hotline or your local Corteva Area Manager.



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USE PLANT PROTECTION PRODUCTS SAFELY. Always read the label and product information before use. For further information including warning phrases and symbols refer to label.

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© 2021 Corteva. Option™ contains cymoxanil. Univoq™ contains fenpicoxamid (Inatreq™ active) and prothioconazole. Belkar® contains halauxifen-methyl (Arylex™ active) and picloram.