

Arable Update

JUNE 2020

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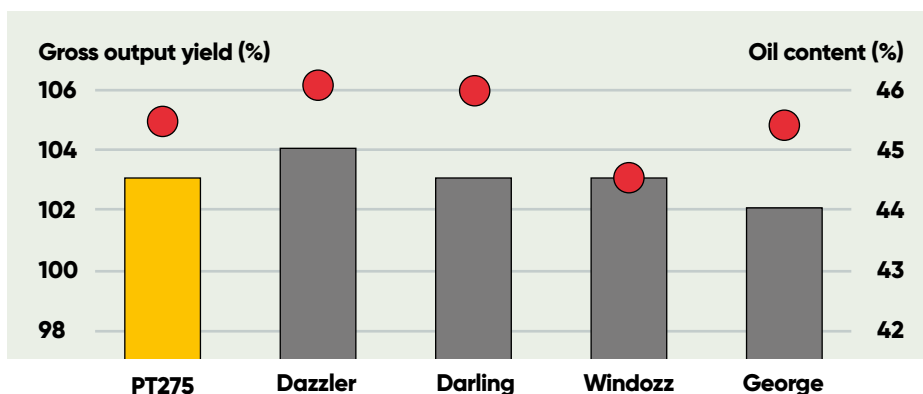
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PT275 – A hybrid with the vigour needed for growing oilseed rape in stressful situations.

PT275 is recommended for 20/21 AHDB East/West region. Giving very high gross output yields, with high resistance to lodging and good stem stiffness. A consistently top performing hybrid proven as a robust, sound variety delivering great results year on year.

PT275 versus East/West Region Hybrids - AHDB 2020 Recommended List Treated Data E/W Region



AHDB
RECOMMENDED



Get your copy of the **NEW Pioneer Oilseed Rape Hybrids 2020 Guide**.



Download it here

Gross output (%) 
Oil content (%) 



PIONEER

Comparative Agronomic Scores

Variety	Oil Content (%)	Light Leaf Spot Resistance	Stem Canker Resistance	Resistance to Lodging	Plant Height (cm)	Earliness of Maturity
PT275	45.5	6	5	8	156	5
Windozz	44.5	5	5	8	150	5
Dazzler	46.2	6	8	(8)	155	6
Darling	46.0	6	8	(8)	160	5
George	45.4	6	9	8	151	5

Source: AHDB Database; Hybrids recommended for the East West Region 2020. On the 1 – 9 scale a higher figure indicates the character is shown to a higher degree.

OSR autumn pest seed treatments

As the UK's oilseed rape growers make their winter variety choices, getting plants established as quickly as possible will be a clear objective. Every farm will have its own strategy but the goal for all will be to go into the winter with strong, resilient crops by mitigating the threat posed by pests and disease. For an increasing number, that will involve using proven seed-applied technologies.

Anticipating this need for the 2020 planting season Pioneer seed from Corteva™ Agriscience will be available with two different seed treatment options.

LumiGEN™ Standard treatment provides growers with a proven fungicide and growth promoter combination treatment.

LumiGEN™ Insecticide treatment includes the same but also with the addition of the unique insecticide Lumiposa.

It is Lumiposa that will attract oilseed rape growers who are fighting a battle with key autumn pests as it can strengthen a planned, integrated approach to crop establishment and make an extra contribution to establishment success.

The systemic insecticide – with the active ingredient cyantraniliprole – has been developed to protect young oilseed rape seedlings from a broad range of pests including flea beetles, cabbage root fly and turnip sawfly.

The insecticide helps plants withstand feeding damage and allows them to grow with more vigour during the key early growth stage after germination.

A strong establishment at the beginning of the crop's growth can deliver better yields and higher quality at harvest.

UK farmers have been able to use Lumiposa-treated seed for two years, and data from 250 Pioneer large strip

farm trials across Europe has shown that the protection it offers young plants transfers to yield increases.

The results show an average yield uplift of 8.6% compared to crops that didn't use Lumiposa. Pioneer treated seed is ready to order and Lumiposa will be the only insecticidal oilseed rape seed treatment available to UK farmers this year.

Lumigen Insecticide treatment is available on all Pioneer winter oilseed rape hybrids including the AHDB listed hybrids PT279CL, PT275 and PX131, and the new Protector Clubroot hybrid PT284.

<https://www.corteva.co.uk/Pioneer/Lumiposa-and-LumiGEN-seed-treatments.html>

LumiGEN™

Lumiposa®

SEED APPLIED INSECTICIDE

Changing weather pattern puts potato growers on high alert for blight

Rain showers and warming temperatures have heightened the threat of potato blight with Hutton Criteria disease warnings declared across many of the UK's key growing regions.

A prolonged period of hot, dry weather through much of April and May meant planting took place in good conditions and the disease threat remained low.

Farmers and advisors are well aware that the threat of blight will develop quickly in warm, wet weather, particularly with latent blight present in volunteer potatoes from fields that were abandoned following a difficult harvesting campaign in 2019.

The challenge is intensifying with the widespread presence of newer, more aggressive strains of late blight which make vigilance ever more important.

Corteva™ Agriscience's Field Technical Manager for potatoes, Craig Chisholm, says the current situation hasn't yet reached the epidemic levels of disease seen last June and July when persistent downpours made spray programmes so difficult for many.

But he added that the threat is evident and urged potato growers to protect crops now with robust blight prevention programmes.

Read the full news story on the Blightwatch website or by [clicking here.](#)



Proud to be lead sponsors of **Blightwatch**

- [A Zorvec Endavia® technical briefing video is here.](#)
- [Our short video series #FollowTheCrop \(promoted on Corteva UK social media accounts\) follows a potato crop in Wetherby area with advice given by Craig Chisholm, Field Technical Manager for potatoes. The most recent video is here.](#)
- [Corteva is offering a gift to the first 10 people that share a photo/video of Zorvec Endavia being sprayed – this promotion was tweeted for the first time on 15th June and full details are here.](#)

Dow Shield® Extension of Authorisation for Minor Use (EAMU) in game cover

Game cover crops need careful managing, with weed control being an essential part of this management. Reducing weed pressure helps crop establishment.

Several different crop species are established each year to provide shelter and food for game birds. Corteva™ Agriscience have run a series of trials to establish the safety of their advanced clopyralid formulation on a number of commercially available mixes and crop types used in game cover. The screens demonstrate that at 0.25 l/ha of Dow Shield® 400 there was no damage on red millet, white millet, sorghum, maize, mustard, quinoa, gold of pleasure or borage. Buckwheat suffered minor but transient damage. However, sunflowers, red clover and chicory

were significantly damaged and should be avoided in any mix. When the dose rate was raised to 0.5 l/ha, white millet, sorghum, maize, gold of pleasure and borage were again unaffected, but at this higher dose rate red millet, mustard, quinoa and buckwheat showed minor crop damage.

Other products in the Corteva Agriscience portfolio can also be used in game cover crops, including Kerb® Flo 500 (propryzamide), Starane® Hi-Load (fluroxypyr), Starane® XL (fluroxypyr + florasulam) and Thistlex® (clopyralid + triclopyr). They are widely used in arable and grass crops, so are easily transferable into game cover crop situations under their EAMU's.

EAMUs are granted only in relation to a particular product for specific uses. It is an offence to use an approved product in a manner that does not comply with the specific conditions

of approval that is laid down in the statutory Appendix 1 "Conditions of Extension of Authorisation" of the EAMU. To demonstrate compliance with such terms, a user must have read and understood the document before commencing spraying operations. Possession of a current EAMU document is generally taken as part of the "burden of proof" of this requirement. Only the original EAMU document, held by the Chemicals Regulation Directorate ("CRD"), constitutes a valid legal document.

No reliance should be placed on an EAMU by a user in relation to products which, although similar to an approved product, are not expressly covered by the EAMU.

Dow Shield® 400

HERBICIDE

250 HATS UP FOR GRABS!



Earn yourself a **FREE Corteva cap.**

Please take a moment to complete our survey and we will send you a Corteva baseball cap.

Take our survey by visiting: my.corteva.com/freecap

PLUS be in with a chance to win our luxury hamper.



The Corteva Arable App is now live on the [iOS App Store](#) and [Android Play Store](#). You can also find the link on our [website](#). Free to download, The Arable App gives farmers and advisers specialist technical support about Corteva's crop protection and seed products at their fingertips.

- Use to find product information on arable crop protection and Pioneer oilseed rape and maize hybrids.
- Contains information on rates, species controlled, links to labels and tank mixes.
- Quick access to contact information.



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

Please include course name 'Arable Update' and number 'CP/100738/2021/g' on your training record and send to: linda@basis-reg.co.uk These details apply until 31 May 2021.

Technical support and key contacts at Corteva



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For technical advice and support, contact the technical hotline or your local Corteva Area Manager. Follow us on social media (@CortevaUK) for our very latest news and updates.

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Email: CortevaUK@corteva.com You can also [visit our website](#) for additional contact numbers.



Discover more at corteva.co.uk

Technical Hotline: 0800 689 8899 E-mail: ukhotline@corteva.com

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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Dow Shield® 400 contains clopyralid. Lumiposa contains cyantraniliprole. Zorvec Endavia® contains oxathiapiprolin and benthialdicarb. Kerb® Flo 500 contains propyzamide. Starane® Hi-Load contains fluroxypyr. Starane® XL contains fluroxypyr and florasulam. Thistlex® contains clopyralid and triclopyr. All manufacturers tradenames and trademarks are duly acknowledged.