



HUTCHINSONS
Crop Production Specialists

Maize Variety Guide 2022





MESSAGE FROM THE SEED TEAM

Demand for maize seed in the UK has continued at an all-time high for the last few years and is likely to remain so for 2022.

The UK's exit from the EU will lead to a restriction in the number of varieties that suppliers are able to offer due to registration implications. EU demand will remain firm due to high cereal prices and improving ethanol margins.

Seed production instability and logistical challenges remain a feature for 2022 and seed supply will be tight. The global pandemic continues to disrupt supply chains and cause inflationary pressures including freight and haulage increases. All of the above factors point to a rise in maize seed prices for 2022.

Hutchinsons maize seed portfolio has performed well during 2021 and continues to focus on a selection of material produced by the top breeders. Regional trials and agronomist feedback allow us to offer independent advice on a wide range of varieties best suited to individual farm location and conditions.

SEED TREATMENTS

2022 seed treatments will remain the same as 2021. Korit (Ziram 420 g/l) will be used in conjunction with the fungicide Redigo M (prothioconazole + metalaxyl), by most suppliers. Trace elements and growth promotion products will also be offered by some suppliers to improve establishment.

The evaluation of the future use of Ziram will take place during 2022. This will mean we cannot accept returns of seed treated with Ziram. Suppliers are working on alternative products that can act as bird repellents in the event of a ban.

Force (tefluthrin) treated seed will be available on limited varieties for wireworm control.

Use plant protection products safely. Always read the label and product information before use. Pay attention to the risk indications and follow the safety precautions on the label.

Our experienced seed and agronomy teams are pleased to assist in the decision-making process.





Varieties have been grouped together by maturity class and have been selected for their consistency, yield, quality and agronomics.

		FAO	FORAGE	BIOGAS	GRAIN
Very early maturing varieties	Augustus	160	X		
	Duxxbury	160	X		
	Perez	160	X	X	
Early maturing varieties	Prospect	170	X	X	X
	Autens	170	X	X	X
	Debalto	170	X	X	
	Ability	180	X	X	
	P7326	180	X	X	X
	P7034	180	X	X	X
Intermediate maturing varieties	P7524	200	X	X	
	DK2684	200	X	X	
	Movanna	210	X	X	
	Mantilla	210		X	
	P7948	220	X	X	X
Late maturing varieties	Neutrino	230	X	X	
	Indexx	230/240		X	
	Amaroc	240		X	

VERY EARLY MATURING VARIETIES

FAO 160

AUGUSTUS KWS (FAO 160)



Delivers high starch content and dry matter (DM) yield across marginal sites. Rapid early vigour and full sheath coverage.

RGT DUXXBURY (FAO 160)

Excellent forage quality, combining high plant digestibility, energy and starch. Duxxbury retains a good yield despite being one of the earliest maturing varieties.

PEREZ KWS (FAO 160)

Combines high yield with long and large cobs. Ideal for late drilling on favourable sites to encourage earlier feedout. Also suitable for Anaerobic Digestion (AD) use.

EARLY MATURING VARIETIES

FAO 170 - 180

PROSPECT (FAO 170)

The top early variety on the BSPB/NIAB List for DM yield and quality. The combination of high starch and high cell wall digestibility makes Prospect one of the highest ME yielding early varieties available. Excellent standing, eyespot tolerance and fusarium resistance.

AUTENS KWS (FAO 170)

Offers stable yield performance and high kernel content for proven starch yield in favourable areas

DEBALTO (FAO 170)

NEW FOR 2022



Offers high starch yields, high grain density and lower ear insertion height for better agronomic stability at harvest.

ABILITY (FAO 180)



Combines early maturity with outstanding yields of DM, energy and starch. Ability scores highly for early vigour, especially on less favourable sites.

P7326 (FAO 180)



Top selling UK variety well suited to maritime climates. Consistent and adaptable across all regions and site types both favourable and less favourable – a true all-rounder for forage, AD and grain production.

P7034 (FAO 180)



The first early Pioneer hybrid to have dent type quality bred specifically for cooler maritime climates. Produces silage with a high starch yield and content together with fast ruminal starch degradability.

INTERMEDIATE MATURING VARIETIES

FAO 200 - 220

P7524 (FAO 200)



Good early vigour with a tall growth habit. Will suit growers looking for a large quantity of early to mature silage as well as those aiming to maximise biogas production. Has a high level of resistance to eyespot.

DK2684 (FAO 200)



One of several new varieties from Bayer/Dekalb aimed at delivering reliable, high output hybrids for biogas and milk production. Very encouraging performance in UK and Hutchinsons trials.

MOVANNA (FAO 210)



Top performing intermediate variety suitable for both forage and biogas production. Good agronomics and standing power.

MANTILLA (FAO 210)



An impressive leafy tall hybrid with large cobs that maximises production per hectare. Excellent digestibility, improving potential methane production. Good cob maturity with a very high starch yield. Good eyespot tolerance.

P7948 (FAO 220)



A multi-purpose large stature hybrid giving high yields of quality forage suitable for livestock and biogas production, and high grain yield when combined. Good standing and resistance to eyespot and fusarium.

LATE MATURING VARIETIES

FAO 230 - 240

NEUTRINO (FAO 230)



Outstanding energy and DM yields. Tall hybrid with good vigour and standing, suitable for all soils and very favourable sites.

RGT INDEXX (FAO 230/240)



Top performing late maturing biogas variety which continues to produce consistently high yields on more favourable eastern region sites.

AMAROC (FAO 240)



Offers high DM yield for AD feedstock production on favourable sites and in high heat unit areas.



 Regional maize trial site location



Trial work

Visit the Hutchinsons website for information from our national trial sites and open day events.

Highlights from Hutchinsons Cumbria trial site in 2021

The site has over 20 plots, trialing maize varieties from all major breeders under film and in the open.

- We are trialing Bayer's new varieties, including DCK3218, a variety that has performed well with a Dry Matter of 19.29T/Ha and ME of 11.4. A good addition to our portfolio.
- Both Pioneer P7326 and P7034 have yielded well at our trials, with good fresh weight and Dry Matter - confirming why they are some of our best sellers.

Undersown grass trial

The site has a large trial of inter row sown grass seed to help stop erosion and provide some winter feed for livestock. The grass seed, Hutchinsons Fastgrass, was sown using a green seeder Zocon drill.

Samco degradable film trial

We have also trialed Samco's new degradable films to sow the maize under, including the new narrow row Bio Film, made from a total starch product. These degradable films will meet new legislation on single use plastics in agriculture.

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Your local Hutchinsons agronomist is able to provide you with advice and guidance, as well as supply the seeds that have been mentioned in this leaflet and more.

Contact us for more information.

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