



**HUTCHINSONS**  
Crop Production Specialists

# Maize Variety Guide 2023





# MESSAGE FROM THE SEED TEAM

**This year, we continue to focus on selecting maize seed from top breeders and providing value for money to growers despite the issues with seed availability for 2023 and increasing inflationary pressures.**

Regional trials and feedback from our agronomists allow us to offer independent advice on a wide range of varieties best suited to individual farm location and conditions, which is especially important given that 2022 was a challenging year for many maize growers with variable yields across sites.

We expect a strong demand for maize seed in the UK in 2023 and some varieties may be in short supply.

## SEED TREATMENTS

**In 2023, Korit (Ziram 420 g/l) will be used again 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 application of Korit as a bird repellent will be banned in 2024. This will mean that we cannot accept returns of seed treated with Korit. Suppliers are working on alternative bird repellent products.

Force (tefluthrin) treated seed will be available on limited varieties for wireworm control in 2023.

**For more help or information on maize seed, please contact a member of our team.**







Varieties have been grouped together by maturity and 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	
	P7179	165	X	X	
Early maturing varieties	Prospect	170	X	X	X
	Autens	170	X	X	X
	Debalto	170	X	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	
	Keops	210			
	P7948	220	X	X	X
Late maturing varieties	Neutrino	230	X	X	
	Petroschka	230		X	
	Indexx	240		X	



## VERY EARLY MATURING VARIETIES

FAO 160 - 165

### AUGUSTUS KWS (FAO 160)



Delivers high starch content silage ideal for both dairy and beef finishing where short season maturity is required.

### 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)



Perez combines superb yield with long and large cobs. Its early vigour makes it ideal for sowing on less favourable sites and has the potential for an early harvest on favourable sites.

### P7179 (FAO 165) - NEW FOR 2023

A great introduction of a new extra early Pioneer silage hybrid. It delivers higher dry matter yields, grain yields and starch content within its maturity class.

## EARLY MATURING VARIETIES

FAO 170 - 185

### PROSPECT (FAO 170)



The top variety on the less favourable BSPB site list for dry matter yield, cell wall digestibility, starch yield, ME content and ME yield. On favourable sites it is the highest ranked early variety, topping the list for cell wall digestibility, ME content and ME yield. It's excellent standing, eyespot tolerance and fusarium resistance.

### AUTENS KWS (FAO 170)



Well established and offers consistent yield performance and high kernel content for proven starch yield in favourable areas.

### DEBALTO (FAO 170)



Multi use variety for forage CCM and biogas, offers high starch yields, high grain density and lower ear insertion height for better agronomic stability.

### ABILITY (FAO 180)



Is now on the first-choice list for favourable sites, with strong ME yields from the reliable Limagrain breeding programme.

### P7326 (FAO 180)



The biggest selling Pioneer hybrid in 2022. Growers trust its proven ability to provide good yields of high-quality silage whilst reaching 32% dry matter content quickly on both favourable and less favourable sites. A true all-rounder for forage, AD and grain production.

### P7034 (FAO 180)



A unique early flowering dent starch textured hybrid that is adapted to nearly all the maize growing areas of the country. Growers who have already cultivated P7034 value the fast ruminal starch degradability.

## INTERMEDIATE MATURING VARIETIES

FAO 200 - 220

### **P7524** (FAO 200)



Popular and consistent hybrid with a tall growth habit. Able to produce high quality early to mature silage as well as significant biogas yields.

### **DK2684** (FAO 200)



Top yielding hybrid from Bayer/Dekalb aimed at delivering reliable, good quality biogas and milk production. Impressive performance on farm and in our trials.

### **MOVANNA** (FAO 210)



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

### **KEOPS** (FAO 210)



Significant yield potential on favourable sites for multi-use silage or biogas production.

### **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 dry matter yields, tall hybrid with good vigour and standing. Suitable for all soils and very favourable sites.

### **PETROSCHKA** (FAO 230)



A high yielding later maturing hybrid featured on the 2023 BSPB/NIAB descriptive list for biogas production for very favourable sites.

### **RGT INDEXX** (FAO 230/240)



Our most consistent performing late maturing biogas variety which continues to produce high yields on more favourable eastern region sites.



# 2022 highlights from Hutchinsons Cumbria trial site

The site has over 17 varieties on display both under film and in the open.

We continue to test new growing techniques at the site, including a new narrow-row version of a 100% starch-based film, Samco Bio.



*Regional maize  
trial site location*







## Undersowing maize with grass

Undersowing maize with grass is often talked about and a key focus at our trial site. From our own trials, we would recommend the following:

- If for grazing, the best grass is the Westerwold Italian ryegrass mix between the maize rows at 6-9 kg/acre eight weeks after drilling.
- If for soil health benefits and to prevent erosion, use fescue or amenity grasses. The seed rate can be lowered to 4kg/acre.
- Always drill into moisture.
- Broadcasting or drilling both work.
- Consider the longer term impact from sulfonylurea herbicides which could adversely affect grass establishment.

**For more information on our national trial sites and open day events, please visit [hlhlt.co.uk](http://hlhlt.co.uk)**



Your local Hutchinsons agronomist can provide you with advice, guidance, and supply of maize seed.

**Contact us for more information.**

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