



Clearfield®

The Clearfield® production system provides growers a means to take back control of the most challenging broad leaf weeds including charlock, runch, hedge mustard and shepherd's purse. Clearfield® is a unique system that combines herbicide tolerant hybrid seed and high quality herbicides.

Benefits Of Clearfield®

- **Excellent control of problems weeds to optimise yield and sample purity**
- **Later herbicide applications which spreads workloads**
- **Lower reliance on soil conditions reducing effectiveness of pre-emergence herbicides**
- **Reduced up-front costs – valuable benefit where establishment is at risk from flea beetle attack**
- **Control of volunteer oilseed rape; especially critical with HEAR and HOLL volunteers**
- **Hybrid seeds provide greater establishment vigour, particularly where ALS herbicides were spring applied in the previous crop**

Excellent control of problems weeds:

Table showing the Control (%) of weeds with Cleranda® at 2.0 L / ha

White mustard	100	Ivy-leaf speedwell	94
Parsley piert	100	Round-leaved crane's-bill	93
Groundsel	99	Common field speedwell	93
Scentless mayweed	99	Common poppy	93
Chickweed	99	Corn chamomile	93
Red dead nettle	98	Common stork's-bill	93
Charlock	97	Perennial sow thistle (seed)	93
Scented mayweed	96	Cut-leaved crane's-bill	90
Runch	95	Cleavers*	90
Volunteer wheat*	95	Fumitory	89
Shepherd's purse	95	Small flowered crane's-bill	87
Hedge mustard	95	Wild carrot (seed)	83
Henbit dead nettle	95	Pansy	79
Volunteer barley*	94		

*Cleranda® + Dash® Dash® will also add to the general broad leaved weed control

DuPont Pioneer Clearfield® Hybrids

DuPont Pioneer has the widest range of Clearfield® oilseed rape hybrids available for UK growers in 2016 ensuring that growers can select the hybrid that most suits their needs. Choose the hybrid that offers the right combination of yield and agronomics for your situation.

- ▶ **PT240CL** – the highest stem canker resistance score of all the Pioneer Clearfield® hybrids available in the UK
- ▶ **PT229CL** – the widest grown Pioneer Clearfield® hybrid in the UK for harvest 2016
- ▶ **PT228CL** – **NEW**: the highest seed yield and oil content of all Pioneer Clearfield® hybrids in Pioneer European Research Trials
- ▶ **PT200CL** – the first tall Clearfield® hybrid to be registered in the UK. Proven performance with high seed yields.
- ▶ **PX111CL** – Clearfield® and MAXMIUS® Rapeseed hybrids benefits combined in one hybrid

DuPont Pioneer Clearfield® Hybrids - Comparative Agronomic Descriptions

	Oil Content (%)	Lodging Resistance	Stem Stiffness	Height (cm)	Stem Canker Resistance	Light Leaf Spot Resistance	Earliness Of Maturity	Date Source
PT240CL	45.8	8	7	152	7	5	6	4
PT229CL	45.1	7	7	154	6	4	7	1/2
PT228CL	45.8	7	7	164	4	5	6	4
PT200CL	45.1	8	7	167	6	6	6	2
PX111CL*	43.6	9	8	126	6	5	7	1/2

Date Sources: 1: AHDB Database 2016 2: UK Official Trials 3: Non UK Official Trials 4: Pioneer Research and PACTS® Trials

*Semi-Dwarf Clearfield® Hybrid

For full details please refer to the Winter Oilseed Rape Hybrid Range 2016 leaflet.

Clearfield® Herbicides:

Clearfield® herbicide options include Cleranda® and Cleravo® from BASF both of which provide a single shot post-emergence spray that control the widest range of broad-leaved weeds. Cleravo® is a metazachlor free Clearfield® herbicide offering the same unrivalled weed control. Further details are available at www.clearfield.co.uk

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