

Harness the power of the Clearfield® system

A quick guide



 **BASF**
We create chemistry



Clearfield®
Production System for Oilseed Rape

1 Choose your Clearfield® variety

You have a wide range of choice.

There are 5 Clearfield® varieties available in Ireland for autumn 2020.

All varieties are tolerant to ALS (sulfonylurea) herbicide residues which may be present in the soil. This tolerance aids a quick start in the autumn.

Take the time to discuss with your agronomist or seed retailer, which variety is most suitable for your farm.

BENEFIT

Rapid establishment	✓
High performing varieties	✓

Corteva	PT279CL
Dekalb	DK Imprint CL DK Impression CL
DSV	Plurax CL Phoenix CL

2 Sow your Clearfield® variety



1

Clean out the drill before adding Clearfield® seed.



2

Do not mix with non-Clearfield® seed.



3

Make a note of the variety name in your farm software.

3 Apply your Clearfield® herbicide

To gain the full benefit of weed/volunteer control from the Clearfield® system, the Clearfield® variety must be treated with Cleranda® + Dash® HC.

2.0 l/ha CLERANDA® + **1.0 l/ha DASH® HC**
Imazamox & metazachlor **Surfactant**

For more detailed information on Cleranda®, please see page 4 of this leaflet.

BENEFIT

Excellent brassica weed control	✓
Volunteer OSR & cereal control	✓
Widest range of broad leaf weed control	✓

4 Get the application right and wash out your sprayer



Timing

Apply to **small, actively growing** weeds.
 Target **1-4 true leaves** for broad-leaved weeds.
 Typically, this will be in **September or October**.



Ensure good spray coverage

To maximise foliar uptake of the herbicide.



Dry leaf

To ensure optimum weed control is achieved, Cleranda® needs to be applied to a **dry leaf**.



Only apply to Clearfield® OSR!

Application to non-Clearfield® OSR will result in total crop loss. Maintain good sprayer hygiene.

5 Minimise OSR volunteers

To minimise volunteers from any oilseed rape crop (including Clearfield® crops), fields should be harvested at the optimum stage of maturity, as overripe crops have the potential to shed more seed.

At harvest

- Avoid losses from the combine
- Avoid transfer of seed to other fields

Post-harvest

- Delay cultivation of rape stubble for two weeks if soil is moist, or four weeks if dry, to reduce dormancy

6 Control Clearfield® volunteers

Best management practice is to control volunteer oilseed rape plants in the immediately following crop, or prior to its establishment. The following active ingredients are available for control of Clearfield® volunteers in subsequent crops.

Crops	Active ingredients	Crops	Active ingredients
Legumes	Bentazone	Spring Cereals	Pendimethalin
	Pendimethalin		Picolinafen
Maize	Bromoxynil		Bromoxynil
	Mesotrione		Diflufenican
Sugar Beet	Combinations and mixtures of metamilon, lenacil, phenmedipham and ethofumesate		MCPA
			Mecoprop-P
Potatoes	Bentazone	Winter Cereals	Pendimethalin
	Metribuzin		Picolinafen
			Diflufenican
			Bromoxynil
			Mecoprop-P
			MCPA

Products and active substances referenced above have approval for use in Ireland at the time of going to print, but approval status should be checked on an on-going basis.

Cleranda®

Cleranda® offers:

- The widest range of broad-leaved weed control available
- Unparalleled control of brassica weeds such as charlock, runch and hedge mustard, allowing growers to bring fields back into the rotation where OSR previously could not be grown
- Better ability to achieve an optimum canopy through removal of volunteer oilseed rape
- Control of volunteer cereals and useful effects on bromes and wild-oats present at application

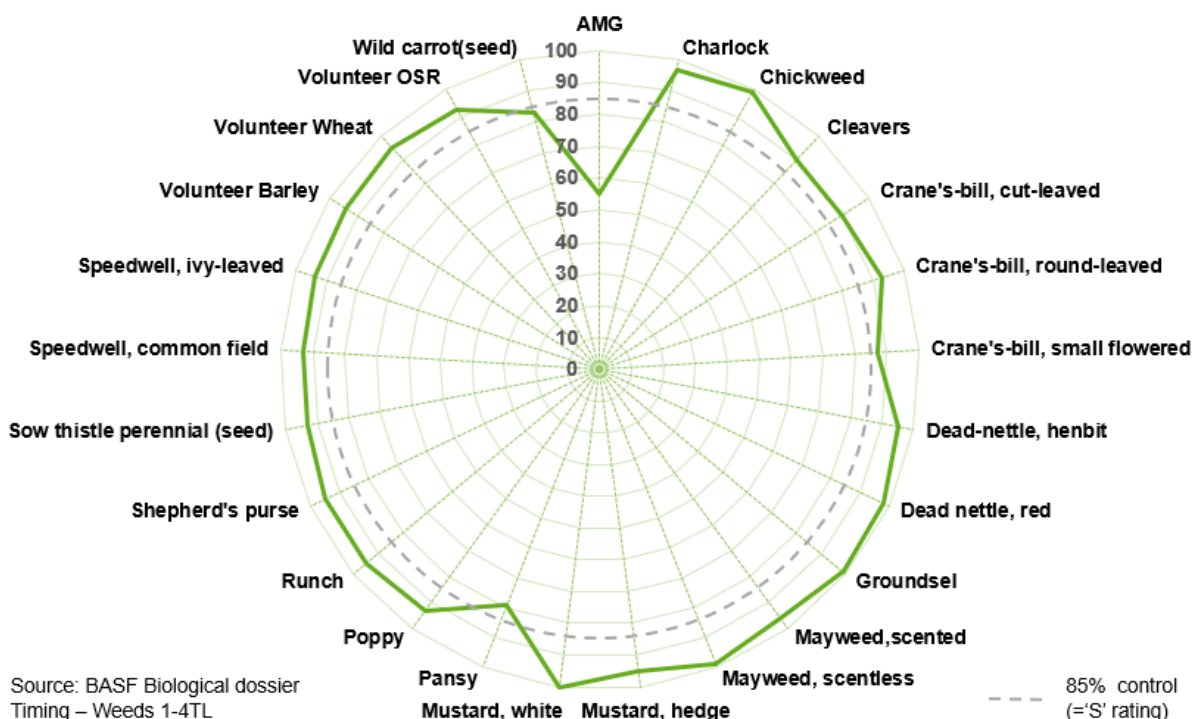
Apply to small, actively growing weeds. Target 1-4 true leaves for broad-leaf weeds and 2-3 leaves for volunteer cereals, bromes and wild-oats. Typically, this will be in September or October. This post emergence timing provides good timing flexibility but is still early enough to remove weeds quickly and protect yield. If a high volume of volunteer cereals are present, and a stale seed bed could not be achieved, a graminicide application in the form of Stratos® Ultra (cycloxydim) should be considered. This will allow a well-timed and uncompromised Cleranda® application. Cleranda® must be applied with 1 l/ha Dash® HC to ensure good weed control. Good spray coverage is essential to maximise the foliar uptake of Cleranda®.

Product Profile

Cleranda® is a co-form of imazamox and metazachlor for use on any winter oilseed rape crop carrying the CL suffix. The metazachlor adds some residual activity where there is protracted weed germination.

For a full version of the Cleranda® label, please visit www.agricentre.basf.ie

	Imazamox	Metazachlor
g/ai per litre	17.5	375
g/ai per hectare	35	750
Crop	Clearfield® WOSR hybrids only	
Recommendation	2.0 l/ha + 1.0/ha Dash HC	
Max applications	One	
Crop timing	From expanded cotyledon to < 9TL (GS 19)	
Soil type	Light, medium, heavy	
LERAP category	B	
Pack size	10 litres	



If you have any queries or require further information, please contact your local BASF agronomy manager or the BASF Technical Services Hotline: +44 (0)845 602 2553.