

Technical Information Sheet

Dakota® is a herbicide used for the control of broad-leaved weeds in winter and spring wheat, barley, oats, rye, triticale, spelt and durum wheat and these crops undersown with grass

Key facts

Product Registration Number:	MAPP 19179
Active Ingredient:	80g/litre clopyralid + 2.5g/l florasulam + 144g/l fluroxypyr
Pack size:	5 L
Formulation:	Emulsifiable Concentrate
Maximum Individual Dose:	1.0L/ha
Maximum Number of applications:	One per year
Latest Timing:	GS39 in winter sown cereals (wheat, barley, rye, triticale, spelt), winter sown cereals undersown with grass GS39 in spring sown cereals (wheat, barley, durum wheat, rye), spring sown cereals undersown with grass GS31 in winter and spring oats, winter and spring undersown with grass
Water Volumes:	80–250 L/ha, maintain a higher water volume in dense thick crops
Spray Quality:	Medium as defined by BCPC
Nozzles:	Flat Fan, Variable Pressure Flat Fan, Pre-Orifice, Air Inclusion, Airtec
Buffer Zone:	5m reducible buffer zone (1m dry ditches)

Best Use Advice

- Applications should be made in the spring once the crop has reached 3 leaves. Applications to be made between 1st February and 30th June.
- Winter sown cereals (wheat, barley, rye, triticale, spelt), winter sown cereals undersown with grass up to before flag leaf sheath extending stage (GS39).
- Spring sown cereals (wheat, barley, durum wheat, rye), spring sown cereals undersown with grass up to before flag leaf sheath extending stage (GS39).
- Winter and spring oats, winter & spring oats undersown with grass up to before second node detectable stage (GS 31)
- Crops that can be sown after a crop that is treated with Dakota:
 - Autumn: cereals, OSR¹, grass, vegetable brassicas as transplants.
 - Spring: cereals, OSR¹, grass, vegetables brassicas as transplants, potatoes, field beans, linseed, peas, carrots, sugar beet, maize.

¹ Vigour reductions may be seen in following crops of OSR after a dry summer, this is outgrown and does not result in yield loss.

- Only one other product with an ALS inhibitor mode of action should be applied with a cereal crop treated with Dakota, however Dakota can be sequenced with one other florasulam containing product provided users don't exceed 7.5g ai/ha florasulam (3.75g ai/ha before 1st Feb) and this will count as 1 ALS treatment.
- Straw from cereals treated with Dakota should not be used for composting or mulching.

Tank Mixing

- Tank mix with CMPP in spring cereals for more broad spectrum weed control.
- Can be applied in joint application with ALS containing products listed on the product label.
- Compatible with a wide range of fungicides making Dakota® an ideal partner at key fungicide timings.
- Refer to <https://www.corteva.co.uk/tools-and-advice/tank-mix.html> for further information on compatibilities and ALS joint applications.
- To avoid damage to susceptible crops following an application of Dakota wash-out with a proprietary spray tank cleaner i.e. All Clear Extra.

Key Benefits

- Rainfast in 1 hour
- No specific cultivations required prior to sowing any following crop.

Weed Spectrum

	Dakota® 1.0 L/ha		Dakota® 1.0 L/ha
Black bindweed	S 4 tl	Knotgrass	S 4 tl
Black nightshade	MS 4tl	Mayweeds	S <rosette
Charlock	S 4 tl	Pale persicaria	S 2 tl
Chickweed	S B4 flowering	Poppy	S 4 tl
Cleavers	S<200 mm	Red dead-nettle	S 2 tl
Corn marigold	S 6 tl	Redshank	S 2 tl
Corn spurrey	MS 2tl	Shepherd's purse	S 4 tl
Docks (from seed)	MS 2 tl	Shepherds needle	MS 4 tl
Fat-hen	S 2 tl	Sow Thistle (seed)	S 4 tl
Forget-me-not	S 6 tl	Thistle- creeping (seed)	S 4 tl
Fumitory	S 2 tl	Volunteer beans	S 4 tl
Groundsel	S 2 tl	Volunteer linseed	S 4 tl
Hedge mustard	S 2 tl	Volunteer OSR	S 4 tl
Hemp-nettle	S 4 tl	Weed beet	MS 4 tl
Henbit dead-nettle	MS 2 tl	Wild radish (runch)	S 4 tl

Key: bold – label weeds, S – susceptible, MS –moderately susceptible, tl – true leaves

Any recommendation for off-label or anecdotal control is only indicative and should not be considered as a recommendation for use on the part of Corteva Agriscience. The user assumes full responsibility for use on these weeds.