

Technical Information Sheet

Palio® for control of wild oats and broad-leaved weeds in spring wheat.

Key facts

Product Registration Number:	MAPP No. 18349
Active Ingredient:	14.2 g/kg florasulam and 70.8 g/kg pyroxsulam (HRAC Group 2 Herbicides)
Pack Size:	1.06 kg (treats 5.3 ha)
Formulation:	Water Dispersible Granule (WDG)
Maximum Individual Dose:	200 g/ha
Maximum No. of Applications:	1 per crop
Application Timing:	1 st March to 31 st May (GS21 up to GS32 of the crop inclusive)
Water Volumes:	100-200 l/ha. Optimum 130-150 l/ha
Spray Quality:	Fine to medium as defined by BCPC
Nozzles:	Spring applications supported: CFF, VPFF, Twin Fluid and Air Inclusion
Buffer Zone:	No aquatic buffer zone restrictions
Rainfastness:	1 hour

Best use advice

- On-label approval for use in all spring wheat varieties irrespective of when they are sown.
- Application to spring wheat - 1st March to 31st May - GS21-GS32 of the crop inclusive.
- Spring wheat is defined by CRD as wheat planted after 1st February regardless of varietal breeding.
- Apply with an adjuvant. Same adjuvant support as for winter wheat: Abacus, Activator 90, Biopower, Bio Syl, Buzz, Cogent, Diamond, Drill, Felix, Fieldor Max, Fortune, Kantor, Respond, Roller, Spartan, Spryte Aqua, Tonto, Torpedo II and Viking.
- No differences between applications on winter and spring crops relating to:
 - Rotational cropping
 - Cultivations for following crops
 - Same recommendations regarding active growth, nozzle/water volume etc.
- No carry-over concerns – short half-life = rotational and cultivation flexibility.
- To avoid subsequent injury to crops other than wheat, rye and triticale, spray equipment used for Palio applications should be thoroughly cleaned with All Clear Extra.
- Wide range of broad-leaved weeds controlled including poppy, cleavers, brassica weeds, cranesbill, groundsel, speedwells, pansy and many more.
- Controls wild oats up to GS23:
 - Apply before wild oats start to form nodes
 - Do not use as a rescue treatment for wild oats

Tank Mixing

- Palio is physically compatible with a range of crop protection products including herbicides, fungicides and micro-nutrients.
- Refer to <https://www.corteva.co.uk/tools-and-advice/tank-mix.html> for further information on compatibilities.
- No joint applications with ALS containing products are currently supported on spring wheat.

Weed Spectrum

- Always use Palio in combination with an approved adjuvant.

Weeds	200 g/ha + adjuvant	Weeds	200 g/ha + adjuvant
Bindweed, black	MS up to 4TL	Parsley, fools	MS up to 4TL
Bur-chervil	S up to 6TL	Parsley piert	-
Charlock	S up to 6TL	Penny-cress, field	-
Chickweed, common	S up to 100mm	Poppy (ALS susceptible)	S up to <6TL
Chickweed, mouse-ear	MS up to 4TL	Redshank	MS up to 4TL
Cleavers	S up to <150mm	Scarlet pimpernel	-
Clover	MS up to 4TL	Shepherd's needle	S up to 6TL
Corn marigold	-	Shepherd's purse	S up to 4TL
Corn spurrey	-	Speedwell, common field	S up to <6TL
Docks, from seed	-	Speedwell, ivy-leaved	S up to <6TL
Flixweed	-	Thistle, creeping, from seed	-
Forget-me-not	S up to 6TL	Thistle, sow, annual	-
Garlic mustard	-	Vetch, common	-
Geranium spp.	S up to 8TL	Volunteer beans	S up to 8TL
Groundsel	S up to 6TL	Volunteer borage	S up to 2TL
Hedge mustard	MS up to 4TL	Volunteer linseed	MS up to 4TL
Hemp-nettle	MS up to 2TL	Volunteer oilseed rape	S up to 6TL
Knotgrass	-	Volunteer peas	S up to 8TL
Mayweeds	S up to 8TL	Weed beet	S up to 4TL
Mugwort	-	Wild mustard	S up to 4TL
Nettle, small	MS up to 4TL	Wild radish	S up to 4TL
Pale persicaria	MS up to 4TL	Wild oats	S up to <GS24
Pansy, field	S up to 4TL		
KEY: Label weeds in bold. TL – True leaves Non-label weed information is based on anecdotal or limited data and 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 those weeds.			
	Susceptible		Moderately susceptible