

Palio<sup>®</sup> for control of wild oats, ryegrass, bromes and broad-leaved weeds in spring wheat.

## Key facts

Product Registration Number:	MAPP 18349
Active Ingredient:	14.2g/kg florasulam + 70.8 g/kg pyroxsulam
Pack size:	1.06 Kg (5.3 hectares)
Formulation:	Water Dispersible Granule
Maximum Individual Dose:	<b>200 g/ha</b>
Maximum Number of Applications:	1 per crop
Application Timing:	March 1st GS 21 up to May 31st GS 32 of the crop inclusive
Water Volumes:	100-200 Litres water/ha. Optimum 130-150 Litres water/ha
Spray Quality:	FINE to Medium as defined by BCPC
Nozzles:	Spring applications supported: CFF, VPF, Twin Fluid and Air Inclusion

## Best Use Advice – Spring Wheat

- **On label** approval for use in spring wheat
- Includes all spring varieties irrespective of when they are sown
- Application to spring wheat - March 1st GS 21 up to May 31st GS 32 of the crop inclusive
- Spring wheat is defined by CRD as wheat planted after February 1<sup>st</sup> regardless of varietal breeding
- Max application rate 200g/ha
- One application per crop
- Apply with an adjuvant. Same adjuvant support as for winter wheat:
  - Abacus, Activator 90, Bio Syl, Buzz, Drill, Cogent, Felix, Fieldor Max, Headland Diamond, Headland Fortune, Intracrop Warrior, Kantor, Kinetic, 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. Rainfast in 1 hour
- 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<sup>®</sup> 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
- Control of wild oats up to GS23 of wild oats
  - 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

Weed	200 g/ha + adjuvant	Weed	200 g/ha + adjuvant
Bindweed (black)	S 100 mm	Nightshade (black)	S 2 tl
Bindweed (hedge)	No data	Orache	T
Burr Chervil	S 6 cm	Pale persicaria	S 6 tl
<b>Charlock</b>	<b>S 8 tl</b>	Pansy (field)	S 8 tl
<b>Chickweed</b>	<b>S 150 mm</b>	Parsley piert	MS
Chickweed (mouse ear)	MS	<b>Poppy (common field)</b>	<b>S 8 tl</b>
<b>Cleavers</b>	<b>S 170 mm</b>	Red dead nettle	T
Clover	MS	Redshank	S 4 tl
Common couch	MS	Scarlet pimpernel	MS
Corn marigold	S 4 tl	Shepherd's needle	S 6 tl
Cornflower	MS	Shepherd's purse	S b4 flowering
Docks (from seed)	MS	Sow thistle	T
Fat-hen	T	<b>Speedwell (common field)</b>	<b>S b4 flowering</b>
Fool's parsley	MS	<b>Speedwell (ivy leaved)</b>	<b>S b4 flowering</b>
Forget me not	S 6 tl	Sun spurge	T
Fumitory (common)	T	Tame oat	MS
Garlic mustard	S 4 tl	Thistle (creeping from seed)	MS
<b>Geranium spp.</b>	<b>S b4 stem extension</b>	Volunteer beans	S 8 tl
Groundsel	S 8 tl	Volunteer beet	S 4 tl
Hedge mustard	S 8 tl	Volunteer borage	S 4 tl
Hemp nettle	S 4 tl	Volunteer linseed	MS
Henbit dead nettle	T	<b>Volunteer OSR</b>	<b>S b4 flowering</b>
Knotgrass	S 2 tl	Volunteer peas	S 6 tl
<b>Mayweeds</b>	<b>S b4 flowering</b>	Volunteer potatoes	MS
Mugwort	T	Wild oat	S GS 12-23
Nettle (small)	S 4 tl	Wild radish	S b4 flowering

Key: **bold** - label weeds; tl - true leaves; S – Susceptible MS - Moderately susceptible; T Tolerant

Non-Label weeds listed as an indication of the effect that would be expected to be achieved based on limited data – these do not constitute a recommendation; just an indication of the level of control that might be achieved