

Product Information Sheet

Revised March 2026



SWORD®

Product	SWORD			
Active ingredient	240 g/l (22.2% w/v) clodinafop-propargyl			
Formulation	Emulsifiable Concentrate (EC)			
MAPP number	18592			
Mode of action	Inhibition of ACCase: GROUP 1 (Legacy HRAC Group A)			
Pack size	1 litre			
Aquatic buffer zone	N/A			
Non-target arthropod	N/A			
Benefits	<ul style="list-style-type: none"> ✓ Post-emergence control of a range of grass weeds including wild oats, rough stalked meadow-grass, annual rye-grass and Italian rye-grass. ✓ Can be applied alone or in tank mix with a residual herbicide partner, e.g. prosulfocarb, for improved activity. ✓ Also delivers useful activity on volunteer tame oats in wheat crops. 			
RECOMMENDATIONS				
Crops	Full dose	Total dose	No. of applications	Latest time of application
Wheat, Durum wheat	0.25 l/ha Or 0.125 l/ha + adjuvant**	-	1	Before the flag leaf sheath stage (BBCH 41)
Rye, Triticale	0.25 l/ha Or 0.125 l/ha + adjuvant**	-	1	Before 2nd node detectable stage (BBCH 32)
** When applied at the reduced dose SWORD 0.125 l/ha should be mixed with an authorised adjuvant.				
Methylated seed oils (MSO) are preferred.				

Agronomy Solutions	<p>PARAMOUNT MAX 25 g/ha + SWORD 0.125 l/ha + adjuvant (MSO)</p> <ul style="list-style-type: none"> • Wild oats, volunteer tame oats, chickweed (non-ALS resistant), cleavers, fumitory, groundsel, mayweeds (non-ALS resistant), volunteer beans, volunteer OSR, vetches and more!
	<p>TOMAHAWK 1.0-2.0* l/ha + SWORD 0.125 l/ha + adjuvant (MSO)</p> <ul style="list-style-type: none"> • Wild oats, volunteer tame oats, chickweed (including ALS resistant), black bindweed, cleavers, deadnettle spp, forget-me-not and volunteer potatoes* * use TOMAHAWK 2.0 l/ha for volunteer potato control from BBCH 33-39 (wheat only)
	<p>SWORD 0.25 l/ha + Atlantis OD 1.2 l/ha + Biopower 1.0 l/ha</p> <ul style="list-style-type: none"> • Wild oats, volunteer tame oats, annual meadow-grass, rough-stalked meadow-grass, Italian rye-grass, perennial rye-grass, chickweed (non-ALS resistant) & mayweeds (non-ALS resistant) <p>Multiple mode of action strategy for grass weeds at risk of resistance</p>

Label weeds	<ul style="list-style-type: none"> • Wild oats: Apply from 1st leaf unfolded to flag leaf ligule visible stage. • Rough-stalked meadow-grass: Apply from 1st leaf unfolded to main shoot and 3 tiller stage. • Annual rye-grass & Italian rye-grass*: Moderately susceptible (MS) from 1st leaf unfolded to main shoot and 3 tiller stage. <p>* For control of Italian rye-grass always use as part of an integrated weed management programme employing other products active against rye-grass.</p>					
Additional known activity	<p>Volunteer tame oats.</p> <p>SWORD can contribute to black-grass control when applied in mixtures/programmes with other herbicides with activity against the target weeds (depending on resistance status)</p> <p>SWORD can be tank mixed with a suitable broad-leaved weed herbicide if required.</p>					
Notes	<ul style="list-style-type: none"> • There are only 2 approved SWORD rates: 0.25 l/ha or 0.125 l/ha + adjuvant. • To avoid resistance development apply SWORD only as part of integrated weed management programmes and do not apply more than 2x ACCase inhibitor herbicides to any crop. • If tank mixing with a tribeuron-methyl based SU herbicide (e.g. Paramount Max, Inka SX etc) use SWORD at the reduced rate (0.125 l/ha + adjuvant). The addition of the adjuvant will improve the performance of tribeuron-methyl based SU herbicides against some weeds. • Do not use SWORD in mixture or sequence with any other clodinafop-propargyl product. • Do not tank mix with hormone herbicides. 					
Time of application	<p>Wheat & durum wheat = BBCH 11-41; Triticale & rye = BBCH 11-31.</p> <p>SWORD is a contact herbicide with no residual activity; all target grasses must be emerged and actively growing before application.</p> <p>Extreme weather & stress conditions (e.g. dry or cold periods) can impair performance of SWORD.</p>					
Wash-out procedure	<p>Standard wash-out, however it is recommended to clean sprayer/filters/lines with water & suitable tank-cleaning agent if subsequently using to treat sensitive crops, e.g. barley, oats, or grassland.</p>					
Water volume	<table border="1"> <thead> <tr> <th data-bbox="304 1025 863 1077">Minimum water (at full dose)</th> <th data-bbox="863 1025 1495 1077">Recommended water (label)</th> </tr> </thead> <tbody> <tr> <td data-bbox="304 1077 863 1120">-</td> <td data-bbox="863 1077 1495 1120">110-200 l/ha water</td> </tr> </tbody> </table>	Minimum water (at full dose)	Recommended water (label)	-	110-200 l/ha water	
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Tank mix	<p>Do not tank mix SWORD with hormone herbicides (e.g. mecoprop-P, MCPA, 2,4D), non-listed sulfonylurea herbicides (Attribute, Monitor, Pacifica Plus, etc.), carfentrazone or cinidon-ethyl containing products.</p> <p>Avoid use in close sequence with hormone-containing herbicides:</p> <ul style="list-style-type: none"> • If SWORD is applied first, leave 7 days prior to hormone application. • If mecoprop-P is applied first, leave 14 days prior to SWORD application. • If MCPA or 2,4-D is applied first, leave 21 days prior to SWORD application. <p>SWORD may be applied in tank mix with a range of other crop protection products where conditions are suitable, access to the target weeds is good and the application timings coincide.</p> <p>SWORD has been tested for physical compatibility with a range of fungicides, herbicides, insecticides and PGRs. Details and results of certain 2-way and 3-way mixes can be found in the TankMix App in the Tools & Advice section of the Nufarm website www.nufarm.com/uk.</p> <p><i>Physical compatibility of any mix does not constitute a recommendation to use. No tests have been carried out in relation to biological compatibility, product performance or crop safety. All mixes assume starting with a clean sprayer, that each product is fully dispersed before adding the next and continuous agitation is maintained throughout mixing and spraying.</i></p>					
Following crop information	<p>In the event of crop failure following an application of SWORD +/- adjuvant, any broad-leaved crop may be drilled, or any cereal crop may be drilled after a minimum 3 week interval.</p> <p>Following a normal harvest any broad-leaved or cereal crop may be drilled.</p>					

Use plant protection products safely. Always read the label and product information before use.

For label and safety information, please refer to the Nufarm website: www.nufarm.com/uk