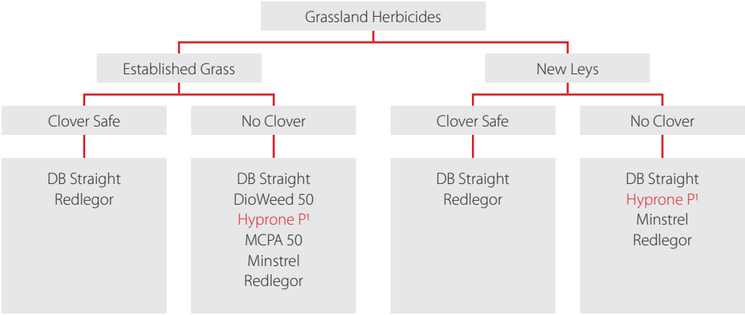
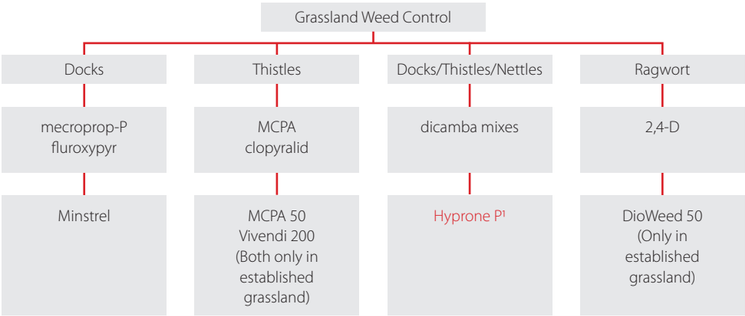
Weed Control Products for Grassland



Weed Control Solutions for Key Weeds in Grassland



[1] Hyprone P new MAPP No 17418 only has a recommendation for use on cereals.

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Water Protection and Grassland Weed Killers – Check It Out

1. Are you getting advice on when and how to use the right product from a BASIS registered adviser?
2. Do you use only approved weed killers and pesticides?
3. Are weed killers/pesticides in a clearly marked, bunded lockable store?
4. Is the operator applying the product trained, competent and, where necessary, qualified to do the job?
5. Is the sprayer tested through NSTS regularly?
6. Is the sprayer checked for drips and leaks before filling with chemicals? And have nozzle flow rates been checked with a jug test?
7. When filling the sprayer do you make sure there is no chance of leaks, spills or splashes reaching water by using a drip tray, portable bund or bunded concrete area?
8. Are pesticide containers triple or pressure rinsed and drained before storing them under cover?
9. When spraying, is a 5m unsprayed strip left next to ditches and water courses to ensure there is no risk of drift or overspray reaching water.
10. After spraying, is the sprayer washed down in the field and parked up under cover?

Spray operators and contractors should be able to answer YES to all of these questions.

If you are using a contractor, the operator must hold a certificate of competence and should be a NRoSO member and the sprayer should be NSTS tested every year.

Source: Grassland weed control – A best practice guide to controlling weeds and protecting the environment.

Information in this booklet does not constitute a recommendation, it is for guidance only.

Up-to-date information can be found on our website uk.uplonline.com.

Brand names in this guide may be trademarks of other manufacturers, in which proprietary rights may exist.

Use plant protection products safely.

Always read the label and product information before use.

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Grassland Portfolio

A Guide to UPL Products

January 2017

What We Do

We are a leading global producer of crop protection products, speciality chemicals and other industrial chemicals. We operate in every continent around the world with offices in 30 countries, making us one of the leading producers of post-patent products in the world. We are lean, fit and responsive and our efficient formulation and manufacturing processes enable us to offer cost effective solutions to farmer's crop protection problems.

How We Do It

We aim to accurately meet the needs of our markets through the development and introduction of existing and new products, both branded and post-patent. These products are developed to meet and exceed our customers' expectations in the areas of quality and performance.

Our Areas of Expertise Include:

Product Development

As a major player in the market we are constantly striving to acquire new products that will benefit our customers whilst at the same time seeking to develop and improve our existing product portfolio.

Registration

We have a dedicated registration team based at our European headquarters in Warrington, UK.

We are supporting the re-registration of major molecules with data generation to provide long term security for product registrations.

Manufacture and Formulation

In order that our manufacturing be as efficient and competitive as possible we manufacture most products at our own production facilities located in Europe and Asia. Each one operates to the strictest international quality standards.

The majority of our European products are formulated at our own modern plant in England. This plant is capable of producing a wide range of sophisticated formulations both for our own needs and as a toll formulator for many multi-national companies.

	Grassland Herbicides					Clover Safe	
	Dioweed 50	**Hyprone P[6]**	**MCPA 50**	**Minstrel**	**Vivendi 200**	**DB Straight**	**Redlegor**
A.I.s g/l	500 2,4-D	16 dicamba 92 mecoprop-P[4] 101 MCPA	500 MCPA	200 fluroxypyr	200 clopyralid	400 2,4-DB	40 MCPA 240 2,4-DB
MAPP No	13197	09125	14908	13745	15017 16966	13736	15783
Max. Individual Dose (L/ha/yr)	3.3	5.0	3.3	0.75 – 2.0[3]	1.0	4.5	7.0
Max. No of Treatments	1 per year	NS	NS	NS	NS	1 per year	NS
Max. Total Dose (L/ha/yr)	NS	NS	6.6	2.0	1.0	NS	7.0
Water Volume L/ha	100 – 1000	100 – 225	200	150 – 400	200 – 400	200 – 1000	100 – 400
Knapsack Rate (in 20L)*	330ml	500ml	No	60ml[2]	100ml	450ml	700ml
Rain-fastness	6 hours	6 hours	6 hours	1 hour	6 hours	6 hours	6 hours
Grazing Interval	14 days	14 days	14 days	3 days	7 days	14 days	14 days
Cutting Interval	NS	1 day	21 days	NS	7 days	NS	7 days
Min. Grass Age	> 12 months	> 3 leaves	> 12 months	> 3 leaves	One growing season	> 4 leaves	> 4 leaves for herbicide
Clover Safe	Severly checks but usually recovers[1]	Clover killed	Severly checks but usually recovers[1]	No	No	Yes	Yes
LERAP	—	—	B	5m[5]	—	—	—
Final Use Date	30.06.18	31.07.17	30.04.20	30.06.24	31.10.20 for 16966 31.03.19 for 15017	30.04.20	30.04.20

Knapsack Sprayer Conversion Chart

Metric Conversion

Field sprayer dose rates for knapsack sprayer use:

Field sprayer dose rate	Field sprayer water volume	Equivalent knapsack sprayer dose rate	Chemical required in a 20 litre knapsack	Area covered by a 20 litre knapsack sprayer walking at 1 meter/second
3 l/ha	200 l/ha	15 ml/l water	300ml	1000 square meters
5 l/ha	200 l/ha	25 ml/l water	500ml	1000 square meters

* See Knapsack sprayer conversion chart

NS = Not stipulated

[1] Used at Spray Operators own risk in fields containing clover.

[2] When applied by knapsack the maximum concentration must not exceed 30ml product per 10 litres water.

[3] Use lower rate in newly-sown grass leys.

[4] The total amount of mecoprop-P applied to an individual crop, or in a single year in the case of a perennial crop, must not exceed the maximum total dose of mecoprop-P approved for application to that crop by any single mecoprop-P containing product.

[5] 5m Aquatic buffer zone appears on all new labels. Note there has not been a change in MAPP no.

[6] Hyprone P new MAPP No 17418 only has a recommendation for use on cereals.