

# Sugar Beet Technical Update

April 2017



## Introduction

### An aid to deciding if you can reduce water volumes when using UPL products on beet crops.

This document has been produced in order to assist with on-farm decision making relating to 'Plant Protection Products' (SMR10) and ensure compliant use of UPL products.

The information in the table below should be used as a guide and in conjunction with the following documents available from [www.pesticides.gov.uk](http://www.pesticides.gov.uk):

- Code of Practice for Using Plant Protection Products.
- Approval notices for individual plant protection products.

You should also consult individual UPL plant protection product labels which are available from [www.upleurope.com](http://www.upleurope.com).

Product	Actives	Formulation	MAPP No.	Final Use Date	Aquatic Buffer Zones & LERAPS	Max Total Dose (L/ha)	Max Ind. Dose (L/ha)	Max No. Apps	HI (Latest App. Date)	Can Spray Concentration Be Increased By Reducing Water Volume?	Label Water Volume	Max Dose at 100 litres	Max Dose at 80 litres	Other Approved Beet Crops		
														Fodder Beet	Red Beet	Mangels
Beetup Compact SC	phenmedipham desmedipham	SC	15566	31.01.20	B	6.0	2.0	N/A	BBCH39	YES	100	2.0	2.0	YES	NO	NO
Beetup Flo	phenmedipham	SC	14328	31.01.20	B	6.0	3.0	N/A	BBCH39	N/A	80-100	3.0	3.0	YES	YES	YES
Betasana SC	phenmedipham	SC	14209	31.01.20	B	6.0	3.0	N/A	BBCH39	N/A	80-100	3.0	3.0	YES	YES	YES
Betasana Trio SC	phenmedipham desmedipham ethofumesate	SC	15551	09.09.99 <sup>4</sup>	—	7.0	2.5	N/A	BBCH18	YES	100-300	2.5	2.5	YES	NO	YES
Beta-Team	desmedipham ethofumesate phenmedipham	SE	15423 16975	31.01.20	B	4.5	1.5	N/A	BBCH39	N/A	80-100	1.5	1.5	YES	NO	YES
Bettix Flo	metamitron	SC	16559	28.02.22	—	5.0	3.0	N/A	BBCH39 <sup>1</sup>	N/A	80-200	3.0	3.0	YES	YES	YES

Text highlighted in red indicates product changes since last version (January 2016).

**EC** Emulsifiable Concentrate  
**SL** Soluble Concentrate  
**SC** Suspension Concentrate

**MG** Micro granules  
**BBCH39** Before crop cover complete: leaves cover 90% of the ground  
**BBCH18** 8 leaves unfolded

1. Harvest interval applies for grazing of fodder beet and mangels.
2. Max spray concentration must not exceed 1.02g/l of ethofumesate 3.06g/l of metamitron and 1.02 g/l of phenmedipham.
3. Harvest interval of 84 days for Red Beet.
4. The Final Use Dates listed on this notice have been extended pending completion of their ongoing product renewal applications which have been submitted and accepted under Article 43 of Regulation (EC) 1107/2009.

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Corzal	phenmedipham	SE	14192 16952	28.02.19 31.01.20	B	6.0	2.0	N/A	BBCH39	N/A	80-200	2.0	2.0	YES	YES	YES
Defiant SC	metamitron	SC	16531	28.02.22	—	5.0	3.0	N/A	BBCH39 <sup>1</sup>	N/A	80-200	3.0	3.0	YES	YES	YES
Efeckt (Pre-em)	ethofumesate	SC	17177	09.09.99 <sup>4</sup>	—	2.0	2.0	N/A	Pre-em	YES	200-400	2.0	2.0	YES	YES <sup>3</sup>	YES
Efeckt (Post-em)						1.2	0.6		BBCH39 <sup>3</sup>			0.6	0.6			
Ethofol 500SC	ethofumesate	SC	15179	31.01.20	—	2.0	0.8	N/A	90 days	YES	150-300	0.8	0.8	YES	NO	NO
Microthiol Special	sulphur	MG	06268 16989	31.03.19 31.12.21	—	20kg	10kg	2	N/A	YES	400	10kg	1kg	EAMU	NO	NO
Mission 200SL	diquat	SL	16475 16977	31.12.19	—	2.0	2.0	1	Pre-em or inter-row	<b>NO</b>	200-500	1.0	0.8	Only around		
Oblix 500 (Pre-em)	ethofumesate	SC	12349	30.09.18	—	2.0	2.0	N/A	Pre-em	YES	200-400	2.0	2.0	YES	YES <sup>3</sup>	YES
Oblix 500 (Post-em)			16671	09.09.99 <sup>4</sup>		1.2	0.6		BBCH39 <sup>3</sup>			0.6	0.6			
Oblix MT	ethofumesate metamitron	SC	16487	09.09.99 <sup>4</sup>	—	6.0	2.0	N/A	N/A BBCH39 <sup>1</sup>	<b>NO</b>	80-100	2.0	2.0	YES	NO	YES
Phemo	phenmedipham ethofumesate metamitron	SE	16352 16984	31.01.19 31.01.20	—	10.0	3.5	N/A	BBCH39 <sup>1</sup>	<b>NO</b>	150-250 <sup>2</sup>	2.0	1.6	YES	YES	YES

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Shiro	triflusaluron-methyl	WDG	17439	30.06.22	B	120g	30g	4	BBCH39	N/A	80-150	30g	30g	YES	NO	NO
Target SC	metamitron	SC	13307 16969	31.03.19 31.12.21	—	10.2	3.0	N/A	BBCH39	YES	100-200	3.0	3.0	YES	YES	YES
Teamforce	ethofumesate phenmedipham	EC	14923 16978	31.01.19 31.01.20	—	9.0	3.0	N/A	BBCH39	<b>NO</b>	200-400	1.5	1.2	YES	NO	YES
Trilogy	phenmedipham desmedipham ethofumesate	SC	15644	09.09.99 <sup>4</sup>	—	7.0	2.5	N/A	BBCH18	YES	100-300	2.5	2.5	YES	NO	YES
Toppel 100	cypermethrin	EC	15696	30.04.17	A	0.5	0.25	2	N/A	YES	600	0.25	0.25	YES	YES	YES
Vivendi 200	clopyralid	SC	15017 16966	31.10.19 31.10.20	—	1.5	1.0	N/A	BBCH39	N/A	80-100	1.0	1.0	YES	YES	YES
Volcano	ethofumesate metamitron	SC	16532	09.09.99 <sup>4</sup>	—	6.0	2.0	N/A	BBCH39 <sup>1</sup>	<b>NO</b>	80-200	2.0	2.0	YES	NO	YES

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