

Bettix Flo

Providing the foundations for Sugar Beet success

January 2017





MAPP No 16559

BETTIX FLO is one of the building blocks integral to the UPL Europe Ltd (UPL) portfolio of quality sugar beet herbicides.

BETTIX FLO is a contact and residual acting selective herbicide for the control of annual weeds in sugar beet, red beet, fodder beet and mangels.

Product Profile

Brand	BETTIX FLO
Active ingredient	metamiton
Inclusion rate	700g/L
Formulation	Suspension Concentrate (SC)
Crops	Sugar beet, fodder beet, red beet and mangels
Maximum individual dose	3.0L/ha
Maximum total dose	5.0L/ha per crop
Pack size	5L
LERAP	–
Water volume	80 – 200L/ha

Bettix Flo is a Key Product for Controlling:



Annual meadow grass



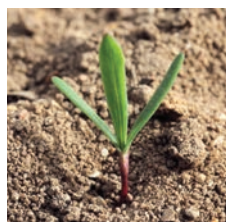
Black-grass



Corn marigold



Fool's parsley



Knotgrass



Mayweeds



Fat-hen



Small nettle

Treatment	Minimum Crop Stage / Recommended Dose (L/kg/ha)			
	Crop emergence	From fully expanded cotyledon	1st true leaves 1 cm long	From 2 true leaves expanded
BETTIX FLO + Beetup Compact SC	1.0 + 1.0	1.0 + 1.0 + Oil*		1.5 + 2.0 + Oil*
BETTIX FLO + Beetup Compact SC + Debut/Shiro				0.5 + 2.0 + 30g + Oil*
BETTIX FLO + Beetup Compact SC + Efeckt ¹ + Debut + Venzar			0.5 + 2.0 + 0.4 + 20g + 0.4 + Oil*	
BETTIX FLO + Betanal maxxPro	1.0 + 1.0	1.0 + 1.25		1.0 + 1.5 + Oil*
BETTIX FLO + Betanal maxxPro + Debut/Shiro				0.5 + 1.25 + 30g
BETTIX FLO + Betanal maxxPro + Venzar		1.0 + 1.25 + 0.2		1.0 + 1.5 + 0.2
BETTIX FLO + Betanal maxxPro + Vivendi 200				1.0 + 1.5 + 0.5
BETTIX FLO + Beetup Flo	0.75 + 1.0	1.5 + 1.75		
BETTIX FLO + Beetup Flo + Efeckt ¹	0.5 + 0.5 + 0.2	0.5 + 0.5 + 0.2 + Oil*		
BETTIX FLO + Betasana Trio	1.0 + 1.25	1.0 + 2.0	1.0 + 2.0 + Oil*	1.0 + 2.5 + Oil*
BETTIX FLO + Betasana Trio + Debut/Shiro				0.5 + 2.5 + 30g + Oil*
BETTIX FLO + Betasana Trio + Venzar		1.0 + 0.75 + 0.2	1.0 + 1.0 + 0.2	1.0 + 0.4 + 0.4
BETTIX FLO + Betasana Trio + Vivendi 200				1.0 + 2.0 + 0.5
BETTIX FLO + Sniper	1.0 + 0.65	1.0 + 0.75	1.0 + 1.0 + Oil*	
BETTIX FLO + Sniper + Debut/Shiro				0.5 + 1.0 + 30g + Oil*
BETTIX FLO + Sniper + Vivendi 200				1.0 + 1.0 + 0.5

Ref: ¹ Oblix 500 SC or Ethofol 500 SC can be used in place of Efeckt.

* Using oil – Vary the dose according to the temperatures below

Maximum temperature (°C) on the day of spraying	Dose of oil (L/ha)
Up to 14	1.0
14 - 18	0.75
18 - 21	0.5
Above 21	No oil recommended

Always check the product label to confirm rates or contact your agronomist.

Unless stated otherwise on product labels, the order of adding the products to the spray solution when tank mixing is:

1. Water soluble bags
2. Water dispersible granules (or soluble granules)
3. Wettable powders (or soluble powders)
4. Emulsifiable concentrates (or oil in water emulsions)
5. Adjuvants.

Tank Mixes

Please note that the following tank mixes have been tested for physical compatibility with BETTIX FLO at recommended rates of use and will mix in the sprayer tank. Physical compatibilities may not be approved tank mixes. These tests have not been undertaken to check for any adverse crop phytotoxicity or for the biological efficacy of the individual products when applied as a tank mix. UPL Europe Ltd accepts no liability for physical compatibilities; therefore use is at grower's own risk.

BETTIX FLO is physically compatible with **any one** of the following tank mix partners:

Beetup Compact SC	Dow Shield 400	Phemo	Trilogy
Beetup Flo	Efeckt	Rifle	Venzar Flowable
Betanal maxxPro	Ethofol 500 SC	Safari Lite WSB	Vivendi 200
Betasana SC	Ethosat 500	Shiro	Volcano
Betasana Trio	Oblix 500 SC	Sniper	
Debut	Oblix MT	Torero	

For the latest information on tank mix recommendations, please visit our website at www.uplsugarbeet.co.uk.

Best Use Advice for Bettix Flo in Different Programmes, A Flexible Tank Mix Partner

Bettix Flo options in a FAR Programme	Crop Growth Stage	Comments
Betasana SC 0.5 + Effekt¹ 0.2 + Bettix Flo 0.5	No restriction	Very safe and broad spectrum
Betasana SC 0.5 + Effekt¹ 0.2 + Bettix Flo 0.5 + Oil 0.5	Cotyledon	Better weed kill in dry conditions
Betasana SC 0.5 + Effekt¹ 0.2 + Bettix Flo 0.5 + Vivendi 200 0.25	2TL	Wide weed spectrum and volunteer potatoes + thistles
Betasana SC 0.5 + Effekt¹ 0.2 + Debut/Shiro 10g + Venzar Flowable 0.2 + Oil 0.5	2TL	Good choice for brassica weeds and cleavers on heavy soils
Bettix Flo options in a Broadacre Programme	Crop Growth Stage	Comments
Betasana SC 2.5 + Effekt¹ 0.4 + Debut/Shiro 20g + Venzar Flowable 0.4 + Bettix Flo 0.5	1st application to be applied at beet first pair true leaves each 1cm long	Oil to be added according to temperature
Betasana SC 2.5 + Effekt¹ 0.4 to 0.8 + Debut/Shiro 20g to 30g + Venzar Flowable 0.4 + Bettix Flo 0.5	14 days after first application	Oil to be added according to temperature and adjust rates of Oblix 500SC and Debut/Shiro according to weed species and size
Bettix Flo in a typical Betasana Trio Programme	Crop Growth Stage	Comments
Betasana Trio 1.5 + Bettix Flo 0.75	Expanded cotyledon	
Betasana Trio 2.0 + Venzar Flowable 0.4	Second flush of weeds, 10-14 days after T1	
Betasana Trio 2.5 + Bettix Flo 1.0 + Oil	Before 8-10 true leaves and depending on weed germination	Oil according to temperature

Ref: ¹ Oblix 500 SC or Ethofol 500 SC can be used in place of Effekt.

Summary

- Pre-emergent and post-emergent weed control
- Contact and residual action
- Excellent crop safety
- Flexibility of timing, rates and tank mixes



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Use plant protection products safely.

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Always read the label and product information before use.