

Shiro

(MAPP 17439)

9 January 2017

SHIRO is a water-dispersible granule formulation containing 50% w/w triflurosulfuron-methyl, a sulfonylurea for the control of broad-leaved weeds in sugar beet and fodder beet.

Shiro Product Profile

Active ingredient	triflurosulfuron-methyl
Inclusion rate	500 g/kg
Formulation	Water Dispersible Granule (WDG)
Crops	Sugar beet and fodder beet
Maximum individual dose	30 g/ha
Maximum number of treatments	4 per crop
Application timing	Before the first leaves of the crop meets between the rows (BBCH 39)
Pack size	120 g
LERAP	B
Label water volume	80 - 150 l/ha

Tank Mixes

For the latest information on tank-mix recommendations please see the **SHIRO** tank-mix list or the **SHIRO** 'Best Use Guide' which are available on our website at www.uplsugarbeet.co.uk.

Shiro Performance

In trials carried out by Dewar Crop Protection for UPL Europe Ltd (UPL) during 2015 – 2016, **SHIRO** has proven to be comparable to other triflurosulfuron-methyl products. Graph 1 – Cleaver Control in Sugar Beet 2015 shows that the addition of **SHIRO** to a **BETASANA TRIO** programme has given excellent cleaver control.

Mode of Action of Shiro (triflurosulfuron-methyl)

SHIRO is a sulfonylurea that works by inhibition of acetolactate synthase (ALS) and is classified as belonging to Group B by the Herbicide Resistance Action Committee (HRAC).

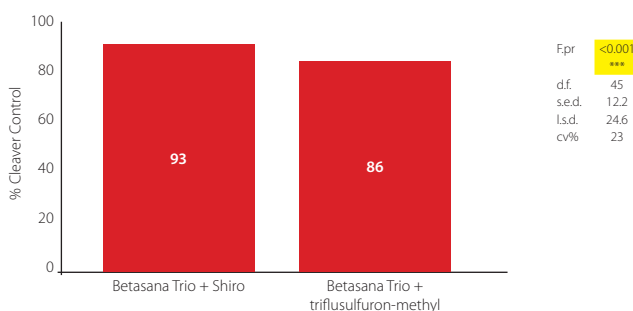
SHIRO works mainly by foliar action, and in tank-mix with other herbicide actives it will control a wide range of broad-leaved weeds. It is most effective if applied when the weeds are small and actively growing. **SHIRO** should always be applied in conjunction with a recommended adjuvant or suitable herbicide tank-mix partner(s).

Shiro - Key Points

- Proven efficacy in trials
- Strong on Cleavers and Volunteer OSR
- + **BETASANA TRIO** = excellent weed control
- Comprehensive tank-mix list and technical support

Graph 1. Cleaver Control – *Galium aparine*, GALAP

% Cleaver control - Mendlesham, Suffolk



Average of 22 cleavers/m² in the untreated

Source: UPL 2015 Mendlesham, Suffolk Trial – Dewar Crop Protection

BASIS points for the technical information provided by this update are CP/51900/1617/g (1 CPD).

To claim please e-mail assistant@basis-reg.co.uk.

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