



ADAMA

# SUGAR BEET

Fodder Beet &amp; Mangels Portfolio

ADAMA's beet portfolio addresses a wide range of weed pressures encountered by beet growers today.



## GOLTIX® 70SC

### Key Benefits

A key residual active for sugar beet and the foundation to your herbicide programme. Demonstrates excellent crop safety without compromising efficacy.

| Crop                                       | Max individual dose (L/ha) | Maximum total dose (L/ha) | Latest time of application               |
|--|----------------------------|---------------------------|--|
| Sugar beet, red beet, fodder beet, mangels | 2.0                        | 5.0                       | Before crop leaves meet between the rows |

### Product Information

**Active ingredients:**  
700g/L metatamiton

**Formulation:**  
Suspension Concentrate

**Pack size:** 5 litres

### Application Information

**Water volume:** 80-200L/ha

**Spray quality:** Fine or medium

**Aquatic buffer:** None

## GOLTIX TITAN®

### Key Benefits

A residual and contact broad spectrum herbicide based on metatamiton for the control of broad leaved weeds in sugar beet.

| Crop                    | Max individual dose (L/ha) | Maximum total dose (L/ha) | Latest time of application |
|-------------------------|----------------------------|---------------------------|----------------------------|
| Sugar beet, fodder beet | Pre-em 3.0<br>Post-em 2.0  | 6.0                       | 9 leaves unfolded          |

### Product Information

**Active ingredients:**  
525g/L metatamiton  
& 40g/L quinmerac

**Formulation:**  
Suspension Concentrate

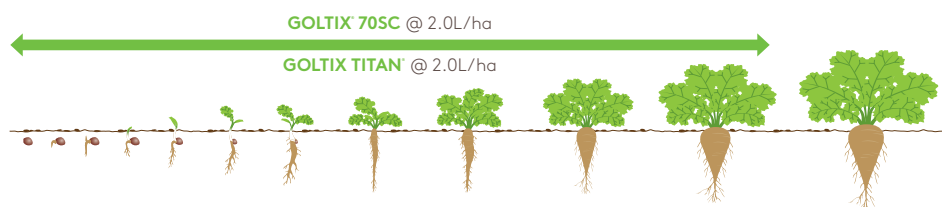
**Pack size:** 10 litres

### Application Information

**Water volume:** 80-200L/ha

**Spray quality:** Medium

**Aquatic buffer:** None



GOLTIX®, GOLTIX TITAN®, TORERO®, MIRADOR XTRA®, POWERTWIN® and SHRAPNEL® are registered trademark of the ADAMA group. GOLTIX® contains 700g/L (57.9% w/w) metatamiton. GOLTIX TITAN® contains 40g/L (3.4% w/w) quinmerac and 525g/L (45.1% w/w) metatamiton. TORERO® contains 350g/L (30.7% w/w) metatamiton and 150g/L (13.1% w/w) ethofumesate. MIRADOR XTRA® contains 200g/L azoxystrobin and 80g/L cyproconazole. POWERTWIN® contains 200g/L (17.9% w/w) phenmedipham and 200g/L (17.9% w/w) ethofumesate. SHRAPNEL® contains 320g/L phenmedipham. Use plant protection products safely. Always read the label and product information before use. For further product information, including warning phrases and symbols, refer to [www.adama.com/uk](http://www.adama.com/uk) or call The Technical Helpline on 01635 876 622.

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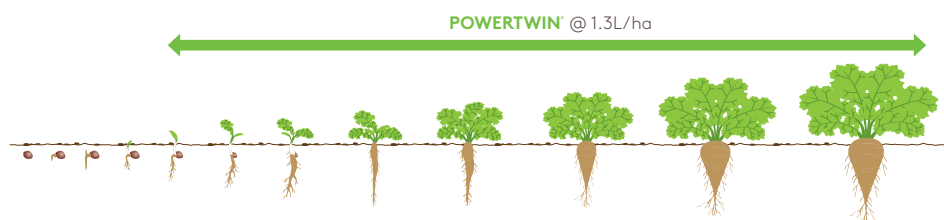


# POWERTWIN®

## Key Benefits

A co-formulated product of ethofumesate and phenmedipham. A residual and contact post-emergence herbicide for use on sugar beet, fodder beet and mangels.

| Crop                             | Max individual dose (L/ha) | Maximum total dose (L/ha) | Latest time of application               |
|----------------------------------|----------------------------|---------------------------|--|
| Sugar beet, fodder beet, mangels | 1.3                        | 3.9                       | Before crop leaves meet between the rows |



## Product Information

**Active ingredients:**  
200g/L phenmedipham  
& 200g/L ethofumesate

**Formulation:**  
Suspension Concentrate

**Pack size:** 5 litres

## Application Information

**Water volume:** 80-200L/ha

**Spray quality:** Fine

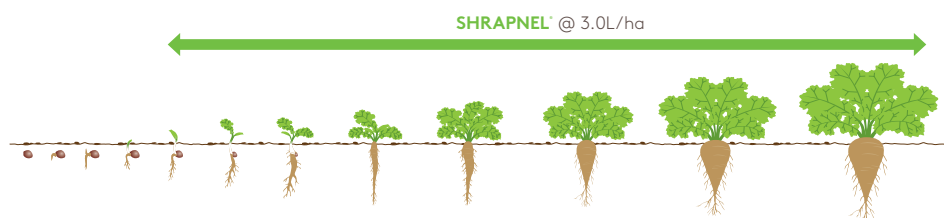
**Aquatic buffer:** None

# SHRAPNEL®

## Key Benefits

A selective herbicide for post-emergence use on listed annual broad-leaved weeds in sugar beet, fodder beet, red beet and mangels.

| Crop                                       | Max individual dose (L/ha) | Maximum total dose (L/ha) | Latest time of application                   |
|--|----------------------------|---------------------------|--|
| Sugar beet, red beet, fodder beet, mangels | 3.0                        | 3.0                       | Before the beet leaves meet between the rows |



## Product Information

**Active ingredients:**  
320g/L phenmedipham

**Formulation:**  
Suspension Concentrate

**Pack size:** 5 litres

## Application Information

**Water volume:** 80-200L/ha

**Spray quality:** Fine

**Aquatic buffer:** None

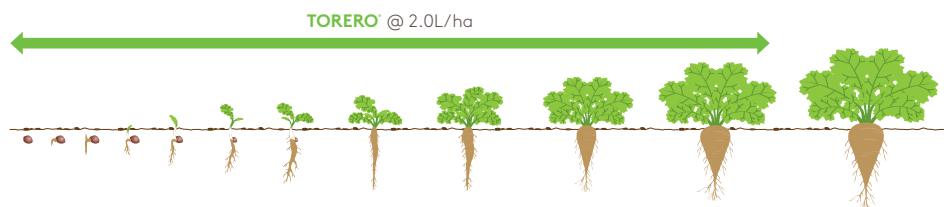


## TORERO®

### Key Benefits

A co-formulation of metamitron and ethofumesate providing dual residual and contact activity.

| Crop                             | Max individual dose (L/ha) | Maximum total dose (L/ha) | Latest time of application               |
|----------------------------------|----------------------------|---------------------------|--|
| Sugar beet, fodder beet, mangels | 2.0                        | 6.0                       | Before crop leaves meet between the rows |



### Product Information

#### Active ingredients:

350g/L metamitron  
& 150g/L ethofumesate

#### Formulation:

Suspension Concentrate

**Pack size:** 10 litres

### Application Information

**Water volume:** 80-200L/ha

**Spray quality:** Fine

**Aquatic buffer:** None

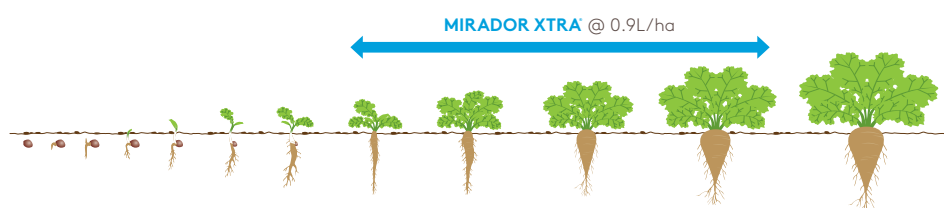
## MIRADOR XTRA®

### Key Benefits

- Outstanding performance against Rust, with excellent control levels up to nine weeks after application
- Broad spectrum control of key diseases
- In an extensive seven-trial study, a two-spray Mirador Xtra programme delivered an average 2.7 t/ha extra sugar yield
- For maximum efficacy and persistence apply at the first signs of disease, but before infection gets established
- If weather conditions are favourable to disease a second application should be made before signs of re-infection

| Crop                    | Max individual dose (L/ha) | Maximum total dose (L/ha) | Latest time of application |
|-------------------------|----------------------------|---------------------------|----------------------------|
| Sugar beet, fodder beet | 0.9                        | 1.8                       | 36 days before harvest     |

**Resistance management:** DO NOT apply more than two foliar applications of QoI-containing products to any crop.



### Product Information

#### Active ingredients:

200g/L azoxystrobin  
& 80g/L cyproconazole

#### Formulation:

Suspension Concentrate

**Pack size:** 5 litres

### Application Information

**Water volume:** 200-400L/ha

**Spray quality:** Medium

**Aquatic buffer:** None