



ADAMA

POWERTWIN®

SUGAR BEET

A residual and contact post-emergence herbicide based on phenmedipham and ethofumesate for the control of broad leaved weeds in sugar beet, fodder beet and mangel.



Key Benefits

- Combination of complementary active ingredients in an easy-to-use product
- The modern SC formulation based on micro-mill technology delivers even distribution and optimal absorption of the active ingredients by the weeds
- Excellent partner for metamiltron (GOLTIX® and GOLTIX TITAN®)
- Excellent crop safety
- Wide range of adjuvant choice on label offering up to full rate product use even at later crop growth stages

Product Information

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

Formulation:
Suspension Concentrate

Pack size: 5 litres

Crop Information

Crops	Max individual dose (L/ha)	Max total dose (L/ha)	Latest time of application
Sugar beet, fodder beet and mangel	1.3	3.9*	Before crop leaves meet between the rows (BBCH 00-39)

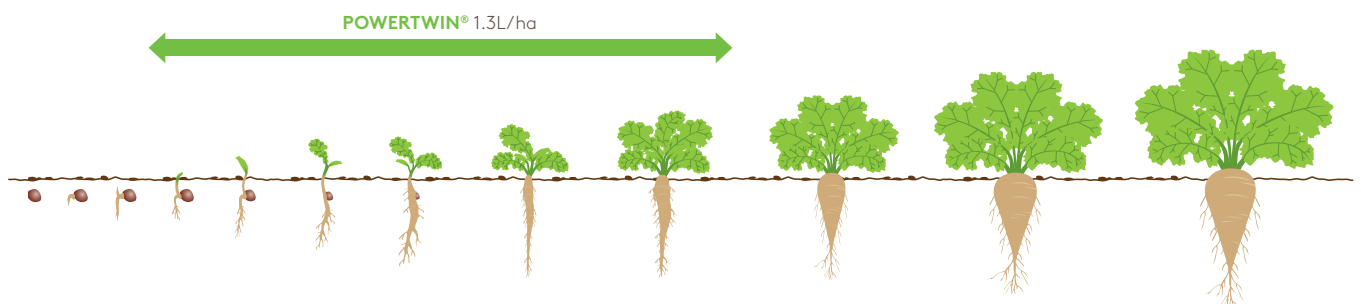
Application Information

Water volume: 80-200L/ha

Spray quality: Medium

Aquatic buffer: N/A

*The maximum total dose must not exceed 1.0kg ethofumesate per hectare in any three-year period.





POWERTWIN®

BIOLOGICAL SUPPORT

POWERTWIN® is a co-formulated product of ethofumesate and phenmedipham. A residual and contact post-emergence herbicide for use on sugar beet.

ADAMA found the mixtures outlined in the table below to be biologically compatible.



Application Timing / Recommended Dose (L/kg/ha)

	Crop emergence BBCH 09	From fully expanded cotyledon T1 at crop stage BBCH 10 to 12	From 2 leaves (first pair of leaves) unfolded to 4 leaves (2nd pair of leaves) unfolded BBCH 12 to 16	After 6 leaves unfolded BBCH > 16
POWERTWIN® (+/- Oil)	-	1.3	1.3	1.3
POWERTWIN® (+/- Oil)	1.3	-	1.3	1.3
POWERTWIN® + GOLTIX TITAN® (+/- Oil)	-	1.25 + 1.66	1.25 + 1.66	1.25 + 1.66
POWERTWIN® + GOLTIX TITAN® (+/- Oil)	-	1.0 + 2.0	1.0 + 2.0	1.0 + 2.0
POWERTWIN® + Oblix MT (+/- Oil)	0.6 + 0.6	-	0.6 + 0.6	1.0 + 0.7
POWERTWIN® + GOLTIX® 70SC (+/- Oil)	1.0 + 1.0	1.0 + 1.0	-	1.3 + 1.25
POWERTWIN® + Safari Lite + GOLTIX® 70SC/Bettix Flo (+/- Oil)	-	0.5 + 187g + 0.5	-	0.75 + 280g + 0.5
POWERTWIN® + Debut + Venzar + GOLTIX® 70SC/Bettix Flo (+/- Oil)	-	-	-	0.75 + 30g + 0.4 + 0.5
POWERTWIN® + Debut + Venzar (+/- Oil)	-	0.5 + 30g + 0.4	1.0 + 30g + 0.4	1.0 + 30g + 0.4
POWERTWIN® + Venzar (Be very careful) (+/- Oil)	-	0.75 + 0.4	1.0 + 0.4	1.3 + 0.4
POWERTWIN® + Debut (+/- Oil)	-	0.75 + 30g	-	1.25 + 30g
POWERTWIN® + Dow Shield 400 (+/- Oil)	-	-	-	1.25 + 0.25
POWERTWIN® + GOLTIX® 70SC + Dow Shield 400 (+/- Oil)	-	-	-	1.25 + 1.0 + 0.25

POWERTWIN®, GOLTIX TITAN® and GOLTIX® 70SC are registered trademark of the ADAMA group. Bettix Flo is a trademark of UPL Europe Ltd. Dow Shield 400 is a trademark of Dow Agrosciences Ltd. (Corteva). Debut, Venzar 500 SC and Safari Lite WSB are trademarks of FMC Agro Ltd. POWERTWIN® contains 200g/L (17.9% w/w) phenmedipham and 200g/L (17.9% w/w) ethofumesate. 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 or call The Technical Helpline on 01635 876 622.