



20th January 2018

WHORL® TANK-MIX COMPATIBILITY

Please note - all tank mixing tests are done with UK approved products, some variations may occur with Irish approvals.
Check ratios of active ingredients and formulation type, and if in doubt consult the manufacturer.

BOLD CAPITALS = Physically & Biologically Compatible	(Italics in brackets) = Sprayable with Continuous Agitation	Red on Blue = PHYSICALLY INCOMPATIBLE
BOLD CAPITALS* = ON LABEL	(BOLD ITALICS IN BRACKETS) = PB & CA	RED CAPITAL ON BLUE = CROP INJURY
Normal = Physically Compatible		

Herbicides Where FINISH SX is listed, any other brand of SU can be substituted.				
FINISH SX +/- HEADLAND Mn 400/HEADLAND JETT	sb	HEADLAND SAXON + TORCH + PROLINE	sb	HURRICANE + BRAVO 500 + COMET 200 + CHORD/OPUS/SKYWAY 285 XPRO
FINISH + N5C + Headland Mn400/Copper/Jett		HEADLAND SAXON + TORCH + PROLINE + HEADLAND JETT	sb	HURRICANE + BRAVO 500 + COMET 200 + CAPALO/AMISTAR OPTI/OPERA
ATLANTIS + BIOPOWER +/- Headland JETT/Mn400/STOMP AQUA/STOMP 400/LIBERATOR/PICONA	ww	HEADLAND SAXON + TORCH + PROLINE + HEADLAND Mn 400	sb	HURRICANE + BRAVO 500 + COMET 200 +/- PROLINE/HELIX/IGNITE/LIBRAX
ATLANTIS + BIOPOWER +/- HURRICANE/CYCLOPS	ww	HEADLAND SAXON +/- OPUS TEAM /TALIUS/TORCH +/- HEADLAND JETT	sb	HURRICANE + BRAVO 500 + PROSARO + VERTISAN
AXIAL + ADIGOR	sb	HEADLAND SAXON +/- OPUS TEAM /TALIUS/TORCH +/- HEADLAND MN400	sb	HURRICANE + BRAVO 500 + IGNITE
PALIO +/- Headland JETT/Mn400/STOMP AQUA/STOMP 400/LIBERATOR/PICONA	ww	Headland Saxon +/- Torch +/- Proline +/- Headland Mn 400/Jett	sb	HURRICANE + TERPAL + ACTIVATOR 90
PALIO +/- HURRICANE/CYCLOPS	ww	Headland Trinity +Talius + Headland Jett		OPTICA TRIO + NEW 5 C CYCOCEL
CYCLOPS +/- Headland JETT + N5C CYCOCEL	ww	Headland Trinity +Talius + Headland Mn400		Optica Trio +Torch + Proline +/- Headland Mn400/Jett
CYCLOPS + BRAVO 500 + CENTAUR/CEANDO	ww	Headland Trinity + N5C +/- Talius/Headland Jett		OPTICA TRIO + TORCH + PROLINE +/- HEADLAND Mn 400/JETT
Duplosan KV + N5C +/- Talius		HORUS+BIOPOWER + Hdland JETT/Mn400/STOMP AQUA/STOMP400/LIBERATOR	ww	OPTICA TRIO + NEW 5 C CYCOCEL +/- TALIUS/HEADLAND JETT
DUPLOSAN KV + NEW 5 C CYCOCEL +/- TALIUS	sb	HORUS + BIOPOWER + PICONA/HURRICANE/CYCLOPS	ww	OPTICA TRIO + OPUS TEAM /TALIUS /TORCH + HEADLAND Mn 400 /JETT
DUPLOSAN KV + TORCH + PROLINE +/- HEADLAND JETT	sb	Headland Trinity + Opus Team + Headland Mn 400/Jett		OPTICA TRIO +/- OPUS TEAM /TALIUS/TORCH
DUPLOSAN KV +/- OPUS TEAM /TALIUS/TORCH +/- HEADLAND Mn400	sb	Headland Trinity + Torch +/- Proline/Headland Mn400/Jett		PICONA +/- BRAVO500 + CEANDO / Headland JETT+3C
Duplosan KV +/- Opus Team/Talius/Torch +/- Headland Jett		HEADLAND TRINITY + TORCH +/- PROLINE/HEADLAND Mn 400/JETT	sb	Oskar/Foxtrot/Polecat
Duplosan KV +/- Opus Team/Talius/Torch +/- Headland Mn 400		HEADLAND TRINITY +/- OPUS TEAM/TALIUS +/- HEADLAND JETT	sb	TOPIK 240 EC + ACTIROB B
DUPLOSAN KV +/- TALIUS/TORCH +/- HEADLAND JETT	sb	HEADLAND TRINITY +/- OPUS TEAM/TALIUS +/- HEADLAND Mn 400	sb	UNITE + BIO SYL +/- Headland JETT/Mn400/STOMP AQUA/STOMP400
Duplosan KV +/- Torch +/- Proline +/- Headland Mn 400/Jett		Hurricane		UNITE + BIO SYL +/- LIBERATOR/PICONA/HURRICANE/CYCLOPS
Gartrel +/- Jaunt +/- 3C 750 +/- Moddus		HURRICANE + BRAVO 500 + COMET 200 + TRACKER/PROLINE		
Gartrel +/- Librax +/- Vario Xpro +/- Bravo +/- 3C +/- Moddus		HURRICANE + METEOR/CANOPY		
HARMONY M SX +/- HEADLAND Mn 400/ HEADLAND JETT		HURRICANE +/- BRAVO500 + CEANDO / Headland JETT+3C	ww	
Harmony M SX +N5C + Headland Mn400/Copper/Jett		HURRICANE + MODDUS/TOPIK 240 EC + ACTIROB B/AXIAL + ADIGOR		
Headland Saxon + N5C + Talius/Headland Jett		HURRICANE + BRAVO 500 + CENTAUR/TRACKER/PROSARO		
HEADLAND SAXON + NEW 5 C + TALIUS/HEADLAND JETT	sb	HURRICANE + BRAVO 500 + COMET 200 + ADEXAR/SEGURIS, AVIATOR 235 XPRO		
HEADLAND SAXON + NEW 5 C CYCOCEL		HURRICANE + BRAVO 500 + COMET 200 + VARIANO XPRO/BOOGIE XPRO		

Fungicides Tank mixes which are PB in spring barley can only be assumed PC in other approved crops. Tank mixes which are NC in spring barley are due to				
FINISH SX + N5C + Headland Mn400/COPPER/JETT	sb	BRAVO 500 + COMET 200 + CAPALO/AMISTAR OPTI/OPERA/PROLINE/HELIX/IGNITE	ww	Imtrex + Prosaro + Saxon/Trinity/Duplosan KV/Optica Trio
BONTIMA + FINISH SX + Headland JETT/COPPER	sb	BRAVO 500 + PROLINE/Folicur/Toledo +/- PROLINE	ww	RATIO SX + N5C + Headland Mn400/COPPER/JETT
BONTIMA + DUPLOSAN KV +/- N5C/Headland JETT/COPPER	sb	BRAVO 500 + CELLO/PROSARO	ww	RATIO SX
BONTIMA + N5C + FINISH SX/HARMONY M SX	sb	BRAVO 500 + COMET 200 + VERTISAN/LIBRAX/WOLVERINE	ww	SEGURIS + Headland SAXON/TRINITY/DUPLOSAN KV/OPTICA TRIO
BONTIMA + HARMONY M SX +/- Headland JETT/COPPER	sb	Cloister + Librax	sb	SILTRA XPRO + FINISH SX/HARMONY M SX/RATIO SX
BONTIMA + Headland SAXON +/- N5C/Headland JETT/COPPER	sb	FANDANGO + FINISH SX/HARMONY M SX/RATIO SX	sb	Siltra Xpro + Axial + Adigor
BONTIMA + Headland TRINITY +/- N5C/Headland JETT/COPPER	sb	HARMONY M SX + Headland Mn400/COPPER/JETT	sb	VERTISAN + PROSARO + FINISH SX/HARMONY M SX/RATIO SX
BONTIMA + FINISH SX + Headland JETT/Headland COPPER	sb	IMTREX + PROSARO + FINISH SX/RATIO SX	sb	VERTISAN + PROSARO + Headland TRINITY/DUPLOSAN KV
BRAVO 500 + COMET 200 + CENTAUR/TRACKER/PROSARO/ADEXAR/SEGURIS/AVIATOR 235 XPRO	ww	IMTREX + PROSARO + DUPLOSAN KV/OPTICA TRIO	sb	Vertisan + Prosaro + Duplosan KV/Headland Trinity
BRAVO 500 + COMET 200 + VARIANO XPRO/BOOGIE XPRO/CHORD/OPUS/SKYWAY 285 XPRO	ww	IMTREX + PROSARO + Headland SAXON/TRINITY	sb	
		IMTREX + PROSARO + HARMONY M SX	sb	

Insecticides				
HALLMARK ZEON CS +/- SILTRA XPRO	sb	HALLMARK ZEON CS	ww	GF2372 (ISOCLAST ACTIVE)

Nutrients				
Bio 20		Headland Manganese + BRAVO 500 +PRIORI EXTRA/CEANDO/CENTAUR	ww	Magnesium Plus
DP 98		Headland COPPER + ARIZONA + CHEROKEE/CENTAUR		Micromax
Folex N		Headland COPPER + CHEROKEE/PRIORI EXTRA + BRAVO 500	ww	Super Mn
Folec Cu		Headland COPPER + CEANDO + BRAVO 500	ww	Sulpomex
Folex K		Managanese (Omex)	ww	SW 7
Headland JETT + PRIORI EXTRA + BRAVO500/CEANDO + BRAVO500	ww	Magnesium (Omex) 9%	ww	Vitomex
Headland JETT + BRAVO500+CENTAUR/ARIZONA+Folicur/Toledo/ARIZONA + CENTAUR/CHEROKEE	ww	Manganese (Omex) 15%		Zynergy
Headland Manganese+ARIZONA+CENTAUR/BRAVO500 +CENTAUR/CHEROKEE +/- ARIZONA		Kelpak		3X solution
ACTIROB-B		HEADLAND FORTUNE		
ACTIVATOR 90		KANTOR		TORPEDO-II
BUZZ		PHASE-II		VALIDATE
Cropspray-11e		SP058		WETCIT
		SPRYTE AQUA		ZARADO

Growth Regulators				
CANOPY +/- FINISH SX/RATIO SX/HARMONY M SX	ww	3C + ARIZONA + IGNITE/CENTAUR	ww	TERPAL + ACTIVATOR 90
CANOPY + FINISH SX/RATIO SX/HARMONY M SX	wb	3C + CHEROKEE/MODDUS 0.2 L/ha	ww	TERPAL + ACTIVATOR 90 + HARMONY M SX/RATIO SX/FINISH SX
CERONE + FINISH SX/HARMONY M SX/RATIO SX	sb	3C + MODDUS 0.2 L/ha +/- BRAVO 500	ww	TERPAL+Bravo 500+ACTIVATOR 90/BONTIMA/FANDANGO/SILTRA XPRO
Cerone + FINISH SX/Harmony M SX/Ratio SX		3C + MODDUS 0.4 L/ha +/- BRAVO 500		TERPAL + ACTIVATOR 90 + HARMONY M SX
Medex Max (0.5) + 3C chlormequat +Axial + Adigor +/- Untrex +/- Osirus P +/- Opus Team		3C + FINISH SX/RATIO SX/HARMONY M SX/	ww	TERPAL + ACTIVATOR 90 + FINISH SX

Medex Max (0.5) + 3C chlormequat +Axial + Adigor +/-Opus Team		3C + FINISH SX + Headland Mn400/COPPER/JETT	ww	Terpal + Activator 90 + FINISH SX/Harmony M SX/Ratio SX	
METEOR +/- FINISH SX/RATIO SX/HARMONY M SX	ww	3C + RATIO SX + Headland Mn400/COPPER/JETT	ww	Terpal + Activator 90 + Bravo 500 + Imtrex + Proline	
3C + HURRICANE + Headland Mn400/COPPER/JETT		3C + HARMONY M SX + Headland Mn400/COPPER/JETT	ww	TERPAL + ACTIVATOR 90 + RATIO SX	sb
3C + BRAVO 500 +/- CENTAUR/PRIORI EXTRA/CEANDO/IGNITE + JAUNT	ww	3C + MODDUS 0.2-0.4 + FINISH SX/HARMONY M SX		Terpal + Bravo 500 + Siltra Xpro/Fandango/Bontima	
3C + BRAVO 500 +/- PROLINE + Imtrex	ww	3C + MODDUS 0.2-0.4 + RATIO SX/HURRICANE			

NOTES

Alternative Brand Names:-

Headland Saxon = High Load Mircam, Headland Trinity = Mircam Plus

Where it states Atlantis – read across to Pacifica, Horus, Hatra, Hamlet, Monolith and Othello with the same level of support

Where it states Axial read across to clodinafop with the same level of support

Brand names can be interchanged for an alternative brand name with the same level of support, PROVIDED:

it is the same active(s)

it is the same formulation type

When used it does NOT deliver more ai than the brand named on the tank mix sheet

This tank-mix summary sheet provides information in addition to what appears on product labels. Dow AgroSciences supports the safety and efficacy of its products for tank-mixes shown as Physically and Biologically Compatible, but does not warrant the efficacy of other tank-mix partners. Where only Physical Compatibility or Sprayable with Continuous Agitation is shown, Dow AgroSciences has no biological data regarding efficacy or crop safety and only supports the compatibility, so growers use these mixes at their own risk.

For tank-mixes of more than two products which are not specifically listed, only what is known about the products when in two-way mix is shown, users must make their own judgment about the more complicated mixes which they may choose to use at their own risk. Similarly, a number of products are shown which have been replaced by more recent formulations for which tests have not been carried out. However the information is included for the user to draw their own conclusions.

Important Note: tank-mixes should only be made within the label recommendations of every product in the application.

**Use plant protection products safely. Always read the label and product information before use.
PAY ATTENTION TO THE RISK INDICATIONS AND FOLLOW THE SAFETY PRECAUTIONS ON THE LABEL.
Triple Rinse Containers and Invert to Dry at Time of Use.**

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Whorl contains fluroxypyr & halauxifen-methyl (Arylex™ Active)