

PALIO® TANK-MIX COMPATIBILITY in Winter Wheat, Winter Rye and Triticale

PLEASE ENSURE YOU READ THE NOTES SECTION
This version supersedes all previous editions

Normal = Physically Compatible (Italics in brackets) = Sprayable with Continuous Agitation Red on Blue = PHYSICALLY INCOMPATIBLE RED ON BLUE = CROP INJURY
BOLD CAPITALS = Physically & Biologically Compatible (BOLD ITALICS IN BRACKETS) = Biologically compatible - maintain constant agitation

Herbicides
FOR DEFY READ ACROSS TO CLEANCROP COMPLY, CLEANCROP OBEY, NURON, QUIDAM, ROXY, SPINNAKER, TOPSAIL AND WICKET
FOR STOMP 400 EC READ ACROSS TO ANTHEM, CLAYMORE, EXIMUS, MOST MICRO AND TORRES
FOR ALLY MAX SX READ ACROSS TO ALIAS SX, ANSWER SX, AVRO SX, BIPLAY SX, CHIMERA SX, CLEANCROP MONDIAL, FINY, FINISH SX, GROPPER SX, INKA SX, JUBILEE SX, LORATE, PRESITE SX, RATIO SX, REFINE MAX SX, SIMBA SX, TRATON SX. FOR HARMONY M SX READ ACROSS TO CONCERT SX AND PENNANT

ALIAS SX	ww	FINISH SX	ww	MOSAIC SX	ww	SLALOM*	ww
ALLY MAX SX	ww	FIREBIRDØ	ww	MOST MICRO + QUIDAMØ	ww	SPITFIRE* (0.75 L/ha)	ww
ALLY MAX SX + STOMP 400 SC		Fox		NEVADA* (0.75 L/ha)	ww	SPITFIRE* + TOPIK* +/- ACTIROB B	ww
ANSWER SX	ww	GALAXY *	ww	NEVADA* + TOPIK* +/- ACTIROB B	ww	STARANE Hi-Load HL	ww
AVRO SX	ww	GARTREL*		ORIENT Ø		STARANE Hi-Load HL + STOMP 400 SCØ	ww
Axial Pro		GARTREL* + TOPIK* +/- ACTIROB B	ww	Parana		STARANE XL*	ww
BARTON WG*	ww	GF-184*	ww	PENNANT	ww	STARANE XL* + STOMP 400 SC Ø	ww
BIPLAY SX	ww	Giddo		PicoMax Ø	ww	(STOMP AQUA) (add first)Ø	ww
BOXER*	ww	GROPPER SX	ww	PICONA + PIXXARO + BIOSYL Ø	ww	STOMP AQUA + ZYPAR + BIOSYLØ	ww
CALIBRE SX	ww	HARMONY M SX	ww	PICONA + ZYPAR + BIOSYLØ	ww	STOMP 400 Ø	ww
CHIMERA SX	ww	HERBOXONE	ww	PICONA Ø	ww	STOMP 400 EC + TOPIK Ø	ww
Cinder + Activator 90		HIKER*	ww	PicoPro Ø	ww	STOMP 400 EC + TOWER Ø	ww
(Cinder + Kantor/Spryte Aqua)Ø		HUNTER*	ww	PicoStomp Ø	ww	STOMP 400 EC + ZYPAR + BIOSYLØ	ww
(Cinder + Kinetic)Ø		HURRICANE + PIXXARO + BIOSYLØ	ww	PIXXARO	ww	Sunfire + BiosylØ	
CLAYMORE + TOWER	ww	HURRICANE + ZYPAR + BIOSYLØ	ww	PIXXARO + STOMP 400 SC + BIOSYLØ	ww	System 50 + Bio SylØ	
CLEANCROP MONDIAL	ww	HURRICANEØ	ww	PIXXARO + STOMP AQUA + BIOSYLØ	ww	TAXI	
CONCERT SX	ww	(Ice)Ø		POLO (14 day interval)		THOR	ww
(Crystal + Activator 90)Ø		INKA SX	ww	PRESITE SX	ww	TOPIK*	ww
CYCLOPS + PIXXARO + BIOSYL	ww	JUBILEE SX	ww	PROSPECT + STOMP 400 SC		Tower	
CYCLOPS + ZYPAR + BIOSYL	ww	Lantern + BiosylØ		Quirinus + BiosylØ		TRATON SX	ww
DAKOTA*	ww	LiberatorØ		RATIO SX	ww	(Trooper)Ø	
DefyØ		LIBERATOR + PIXXARO + BIOSYLØ	ww	REFINE MAX SX		XERTON + Biosyl	ww
Dicamba products (14 day interval)	ww	LIBERATOR + ZYPAR + BIOSYLØ	ww	SAXON (14 day interval)		ZYPAR*	ww
DUPLOSAN KV	ww	LORATE	ww	Seducer			
DUPLOSAN KV + STOMP 400 SCØ	ww	MCPA (14 day interval)		SIMBA SX			

Agate + Abacus		CYFLAMID	ww	LIBRAX + MIRROR	ww	(Provyto XE)	
AMISTAR	ww	Decoy 250EC		LIBRAX + MOJAVE	ww	(Revystar XE)	
ARIZONA	ww	(Decoy 250EC + Kavatur Plus + Mojave)		LIBRAX + TALIU	ww	SAKURA	
ARIZONA + AVIATOR 235 XPRO	ww	(Decoy 250EC + Mojave + Serpent)		Manitoba		Sentinel**	
ARIZONA + ELATUS ERA	ww	(Decoy 250EC + Mojave + Silvran Pro)		Mirador Extra		SERPENT	ww
ARIZONA + LIBRAX	ww	(Diadem XE)		MIRAGE	ww	SKYWAY 285 XPRO	
ARIZONA + PROSARO		DITHANE 945		MIRROR	ww	SPARTICUS XPRO	
(Askra Xpro)		ELATUS ERA	ww	MIRROR + PROSARO		SWIFT SC	
AVIATOR 235 XPRO	ww	ELATUS ERA + MIRROR	ww	(Mivvyto XE)		SYREX	ww
AVIATOR 235 XPRO + COLORADO	ww	ELATUS ERA + MOJAVE	ww	MOJAVE	ww	TALIUS	ww
AVIATOR 235 XPRO + CYFLAMID	ww	ELATUS ERA + TALIU	ww	(Mojave + Myresa + Syrex)		TALIUS + VAREON + ACTIVATOR 90	
AVIATOR 235 XPRO + MIRROR	ww	FANDANGO	ww	MOJAVE + PROSARO		TOLEDO	
AVIATOR 235 XPRO + MOJAVE	ww	Flyer 200		(Mojave + Vegas)		TOLEDO + BIO SYL 1%	
AVIATOR 235 XPRO + TALIU	ww	(Flyer 200 + Mojave + Vegas)		Monkey + Abacus		Tucana	
Azoxystar		FOLICUR		Orius P + Abacus		ULYSSES	
Boogie Xpro		(Firefly)		Phoenix		ULYSSES + BIO SYL 1%	
CARAMBA 90	ww	Guardian**		Platoon 250		UNIX	ww
COLORADO	ww	(Impact)		PRIAXOR	ww	VAREON + BIO SYL	
COLORADO + ELATUS ERA	ww	(Imtrex)		PRIORI XTRA	ww	Variano Xpro	
COLORADO + LIBRAX	ww	(Iodus) biofungicide elicitor		PROLINE 275	ww	VEGAS	ww
COLORADO + PROSARO		JAUNT	ww	PROSARO**	ww	(Verdydar XE)	
COMET 200	ww	Kansas		PROSARO** + TALIU	ww	Vivid	
		LIBRAX	ww				

Insecticides Don't mix with OP insecticides, as potential crop damage due to a counteraction of the safener, leave at least a 14 day interval							
Contest		HALLMARK ZEON CS	ww	Markate 50		PERMASECT 500 EC	ww
Clayton Sparta		Karate 2.5 WG		(Mavrik + Activator 90)		(Sven)	
(Decis Protech)		Kusti		(Mavrik + Bio Syl)			

Adjuvants							
Abacus -1% of spray vol		Bio Syl - 1.0% of spray vol aka Cogent Procarm,		Intracrop Felix - 0.5% of spray vol		Spryte Aqua - 0.5% of spray vol + X-Change	
Activator 90 - 0.1% of spray vol		Tonto Frontier, Boost Zandra		Intracrop Warrior - 0.5 % of spray vol		Spryte Aqua CF	
Activator 90 - 0.1% of spray vol + X-Change		Buzz - 0.1% of spray vol		Kantor - 0.15% of spray vol		Torpedo II - 0.1% of spray vol	
Arma - 0.1% of spray vol		Drill - 0.5% of spray vol		(Nelson)		Viking - 0.5% of spray vol	
Biopower - 1l/ha		Fortune - 0.5% of spray vol		Respond - 0.5% of spray vol		(X-change)	
Bio Syl - 1.0 % of spray vol + X-Change		Diamond - 0.5% of spray vol		Spartan - 0.1% of spray vol			

Growth Regulators Leave 7 day interval for full rate PGRs. When tank mixing use Broadway Star + adjuvant plus half rate CCC only.†							
ADJUST (< half dose)†	ww	CANOPY		METEOR		TERPAL	
3C CHLORMEQUAT 750 (<half dose)†	ww	CERONE		MODDUS			

Trace Elements For Liquid fertilisers - leave a three day interval							
(Borac 3 L)		Liquid Mn 15% 3 L		Master Manganese Plus		(Proleaf Quattro)	
(Califite Extra)		(Magflo 300 4 L)		MaxMan 400 (add trace element first)		(Proleaf Rock)	
Coptrel 0.5 L		(Magistrate)		Max-phi Manganese		(Rapitrel 3 L)	
(Croplift 5 kg)		Magphos K 10 L		Mensa + Abacus		Safe-N 10 L	
(Epsa Top + Abacus)		(Mancozin 2 L)		(Multiple Pro)		SMART ATS	
Foliar Potash 10 L		(Mancofla 2 L)		(NTS Triple Ten)		SMART Magiik Manganese	
FMC BORON 15	ww	MANIFOL	ww	(Nutrina-Pro)		SMART Manganese	
(FMC Brock)		Mantrac 500 1 L		Nutri-Phite PGA		Stopik 10 L	
FMC COPPER	ww	MANTRAC DF 3 kg	ww	(Proleaf Gate)		Sulphur F3000 10 L	
FMC Mn 500	ww	Maize Boost 5 L		(Proleaf Jettzin)		(Terrasorb Foliar Extra)	
FMC SUPER 80	ww	Master Magnesium + TE + pH modifier Optiphil		(Proleaf Manganese Extra)		Zintrac 700 1 L	

COMBINATION MIXES							
HERBICIDES PLUS FUNGICIDES							
Ally Max SX + Aviator 235 Xpro + Talius		(Duplosan KV + Askra Xpro)		STOMP 400 SC + UNIX Ø	ww	Zypar + Prosaro**	
Ally Max SX + Prosaro**		STOMP 400 SC + AMISTAR Ø	ww	Zypar + Aviator 235 Xpro		Zypar + Prosaro** + Talius	
Ally Max SX + Prosaro** + Talius		Stomp 400 SC + FANDANGO	ww	Zypar + Aviator 235 Xpro + Talius		Zypar + Talius	
Ally Max SX + Talius		Stomp 400 SC + FLEXITY	ww				

HERBICIDES PLUS INSECTICIDES							
STOMP 400 SC + HALLMARK ZEON CS Ø	ww	STOMP 400 SC + PERMASECT 500 EC		Corteva Agriscience			

HERBICIDES PLUS TRACE ELEMENTS						
Ally Max SX + FMC Copper		Spitfire* + Nutri-Phite PGA		STOMP 400 SC + FMC SUPER 80 Ø	ww	Zypar* + FMC Jett + Biosyl
Galaxy* + Nutri-Phite PGA		STOMP 400 SC + FMC BORON 15 Ø	ww	STOMP 400 SC + FMC ZINC		Zypar* + FMC Manganese 400 + Biosyl
PIXXARO + FMC JETT + BIOSYL	ww	STOMP 400 SC + FMC COPPER Ø	ww	STOMP 400 SC + MANIFOL Ø	ww	
PIXXARO + FMC MANGANESE + BIOSYL	ww	STOMP 400 SC + FMC Mn 500 Ø	ww	STOMP 400 SC + MANTRAC DF 3 kg	ww	

INSECTICIDES PLUS TRACE ELEMENTS						
Hallmark Zeon + Max-phi Manganese		(Karate 2.5 WG + FMC Brock)				

This summary sheet provides information on tank-mixes conducted with this product. Corteva Agriscience™ gives no warranty or accepts no liability in respect to compatibilities that are beyond the label. This additional information is for guidance purposes only and use is at grower's risk. **Important Note:** Do not use any tank-mix if the mixture cannot be applied within the label recommendations for individual products or if specific tank-mix restrictions apply. Larger, more complicated mixes, unlisted mixes or replacing alternative products to those listed in this table are not endorsed. However, for further information or to register a tank-mix request please contact your local Corteva representative or call the Technical Hotline on 0800 689 8899. Physical compatibility data is based on the results of an industry recognised standard test. Be aware that in the field, water hardness, pH, temperature etc. can vary. Biological compatibility data are based on a small number of field trials, Corteva Agriscience™ cannot warrant the efficacy of other tank-mix partners. Where only Physical Compatibility or Spray able with Continuous Agitation is shown, Corteva Agriscience™ has no biological data regarding efficacy or crop safety and only has data on physical compatibility, so growers use these mixes at their own risk.

NOTES

Palio should always be used with an approved adjuvant.

Topik is supported in mix with Palio up to the end of February.

Ø Residual herbicides can be used in mixture or short sequence with Palio, while conditions are favourable for both products to work and weeds are small and actively growing. However, once soil moisture declines to reduce residual activity then a **4 week** interval between the residual herbicide and an application of Palio is recommended to maximise grass weed control and the tank-mix is no longer supported.

* Do not exceed maximum total dose of florasulam within growing season

** Do not use this mix if the crop is under stress as there is the increased risk of an additive PGR effect and possible crop damage

† Corteva Agriscience only support Palio in a 2-way tank mix with half rate chlormequat due to crop safety issues. An intervals of at least **7 days** must be regarded before applying a higher rate of chlormequat or any other PGR.

Do not mix Palio with OPs, MCPA and Dicamba

For products containing MCPA or Dicamba respect a 14 day interval between them and Broadway Star.

Do not harrow or roll within 7 days before or after an application of Broadway Star.

Updates

Products Removed - Absolute, Ally Express, Aria, Bullion, Ductis SX, Exceed SX, Excalibur,,GEX 353, Headland Surefire Gold, Image, Lexus SX, Oklar SX, Oriol SX, Oxytril CM, Primus 25EC, Quantum SX, Staka SX, Triad, Acanto, Acanto Prima, Centaur, Demeo, Ennobe, Excelsior, Flamengo, Landmark, Menara, Olympus SC, Orka, Poraz, Torch, Torch Extra, Dimethoate

26th November 2019 - added Lantern, Tower

22nd January 2020 - changed Toppel 10 to Permasect 500 EC; 28th January 2021 - removal of withdrawn products; 11th March 2021 - addition of Clayton Comply, Clayton Obey, Clayton Sparta, Decoy 250EC, Kusti, Mirror, Mojave, Nevada, Quidam, Roxy, Serpent, Syrex, Tempest, Torres, Vegas; 22nd March 2021 - addition of Azoxystar, Calrite Extra, Firefly, Impact, Iodus, Multiple Pro, Sakura and Terrasorb Foliar Extra, removal of multi-way mixes with Defy; 23rd March 2021 - addition of Biopower, Monkey and Orius P; 24th March 2021 - addition of Nelson; 13th April 2021 - addition of Revystar XE and alternative brands, Diadem XE, Mivyo XE, Provyto XE, and Verydor XE; 29th April 2021 - updated list to include Silvron Pro, Kavatur Plus, Myresa, Sven and additional trace elements; 9th March 2022 - removal of withdrawn products and addition of Spryte Aqua CF; 3rd May 2022 - Addition of Ascra Xpro +/- Duplosan KV; 3rd November 2022 - Support level for Toledo and Ulysses products changed; 8th December 22 - addition of Sentinel; 1st February 2023 addition of Guardian; 9th May 23 - addition of NTS Triple Ten; 17th October 23 - addition of Tower as a separate entry

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

FOR FURTHER INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS PLEASE REFER TO THE PRODUCT LABEL

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Broadway Star contains florasulam and pyroxsulam

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