

PALIO® TANK MIX COMPATIBILITY in WINTER WHEAT, RYE & TRITICALE

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

Normal = Physically Compatible	<i>Italics = Physically Compatible with Continuous Agitation</i>	Red on Blue = Physically Incompatible
BOLD CAPITALS = Physically & Biologically Compatible	Bold Italics = Biologically Compatible with Continuous Agitation	RED ON BLUE = CROP INJURY - INCOMPATIBLE

HERBICIDES

FOR DEFY READ ACROSS TO CLAYTON COMPLY, CLAYTON OBEY, QUIDAM, ROXY, SPINNAKER, TOPSAIL & WICKET
FOR STOMP 400 EC READ ACROSS TO ANTHEM, CLAYMORE, EXIMUS, MOST MICRO & 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	FIREBIRD [®]	NEVADA* + TOPIK* +/- ACTIROB B	SPITFIRE* (0.75 l/ha)
ALLY MAX SX	Fox	ORIENT [®]	SPITFIRE* + TOPIK* +/- ACTIROB B
ALLY MAX SX + STOMP 400 SC	GALAXY*	Parana	STARANE Hi-Load HL
ANSWER SX	GF-184*	PENNANT	STARANE Hi-Load HL + STOMP 400 SC [®]
AVRO SX	Giddo	PicoMax [®]	STARANE XL*
Axial Pro	GROPPER SX	PICONA [®]	STARANE XL* + STOMP 400 SC [®]
BARTON WG*	HARMONY M SX	PICONA + PIXXARO + BIO SYL/SURFER [®]	Stomp Aqua (add first) [®]
BIPLAY SX	HERBOXONE	PICONA + ZYPAR + BIO SYL [®]	STOMP AQUA + ZYPAR + BIO SYL [®]
BOXER*	HUNTER*	PicoPro [®]	STOMP 400 SC [®]
CALIBRE SX	HURRICANE + PIXXARO + BIO SYL/SURFER [®]	PicoStomp [®]	STOMP 400 SC + TOPIK [®]
CHIMERA SX	HURRICANE + ZYPAR + BIO SYL [®]	PIXXARO	STOMP 400 SC + TOWER [®]
CLAYMORE + TOWER	HURRICANE [®]	PIXXARO + STOMP 400 SC + BIO SYL [®]	STOMP 400 SC + ZYPAR + BIO SYL [®]
CLEANCROP MONDIAL	INKA SX	PIXXARO + STOMP AQUA + BIO SYL [®]	Sunfire + Bio Syl [®]
CONCERT SX	JUBILEE SX	POLO (14 day interval)	System 50 + Bio Syl [®]
Crystal + Activator 90 [®]	Lantern + Bio Syl [®]	PRESITE SX	TAXI
DAKOTA*	Liberator [®]	PROSPECT + STOMP 400 SC	TOPIK [®]
Defy [®]	LIBERATOR + PIXXARO + BIO SYL/SURFER [®]	Quelex*	Tower
Defy + Giddo	LIBERATOR + ZYPAR + BIO SYL [®]	Quirinus + Bio Syl [®]	TRATON SX
Defy + Hurricane	LORATE	RATIO SX	Trooper [®]
Defy + Liberator	MATTERA*	REFINE MAX SX	XERTON + BIO SYL
Dicamba products (14 day interval)	MCPA (14 day interval)	SAXON (14 day interval)	ZYPAR*
DUPLOSAN KV	MOST MICRO + QUIDAM [®]	Seduce	
DUPLOSAN KV + STOMP 400 SC [®]	MOZAIC SX	SIMBA SX	
FINISH SX	NEVADA* (0.75 l/ha)	SLALOM*	

FUNGICIDES

Agate + Abacus	Caramba 90 + Peacoq + Priaxor	FOLICUR	PROLINE 275
AMISTAR	COLORADO	Guardian**	PROSARO**
Aquino + Arizona + Caramba 90 + Syrex	COLORADO + ELATUS ERA	Imtrex	PROSARO** + TALUIS
Aquino + Arizona + Syrex	COLORADO + LIBRAX	Inconiq + Aprovia Plus	Provyto XE
Aquino + Syrex	COLORADO + PROSARO	Iodus (biofungicide elicitor)	Questar + Velogy Plus
ARIZONA	COMET 200	JAUNT	Revystar XE
ARIZONA + AVIATOR 235 XPRO	CYFLAMID	LIBRAX	SAKURA
Arizona + Caramba 90 + Peacoq + Priaxor	Decoy 250EC	LIBRAX + MIRROR	Sentinel**
ARIZONA + ELATUS ERA	Decoy 250EC + Kavatur Plus + Mojave	LIBRAX + MOJAVE	SERPENT
Arizona + Elatus Plus + Peacoq	Decoy 250EC + Mojave + Serpent	LIBRAX + TALUIS	SKYWAY 285 XPRO
Arizona + Inconiq + Aprovia Plus	Decoy 250EC + Mojave + Silvran Xpro	MIRAGE	SPARTICUS XPRO
ARIZONA + LIBRAX	Diadem XE	MIRROR	SWIFT SC
Arizona + Pegtiga + Helix	DITHANE 945	MIRROR + PROSARO	SYREX
Arizona + Pegtiga + Tesanto	Dithane 945 + Inconiq + Velogy Plus	Mivvyto XE	TALUIS
ARIZONA + PROSARO	Dithane 945 + Peacoq + Elatus Plus	MOJAVE	TOLEDO
Arizona + Questar + Velogy Plus	Dithane 945 + Pegtiga + Tesanto	Mojave + Myresa + Syrex	TOLEDO + BIO SYL 1%
Ascro Xpro	Dithane 945 + Questar + Velogy Plus	MOJAVE + PROSARO	Tucana
AVIATOR 235 XPRO	ELATUS ERA	Mojave + Vegas	ULYSSES
AVIATOR 235 XPRO + COLORADO	ELATUS ERA + MIRROR	Monkey + Abacus	ULYSSES + BIO SYL 1%
AVIATOR 235 XPRO + CYFLAMID	ELATUS ERA + MOJAVE	Orius P + Abacus	UNIX
AVIATOR 235 XPRO + MIRROR	Elatus Plus + Peacoq	Peacoq + Priaxor	Univog
AVIATOR 235 XPRO + MOJAVE	ELATUS ERA + TALUIS	Pegtiga + Helix	Variano Xpro
AVIATOR 235 XPRO + TALUIS	FANDANGO	Pegtiga + Tesanto	VEGAS
Azoxystar	Firefly	Phoenix	Verydor XE
Boogie Xpro	Flyer 200	Platoon 250	Vivid
CARAMBA 90	Flyer 200 + Mojave + Vegas	PRIAXOR	

INSECTICIDES

DO NOT mix with OP insecticides, as potential crop damage due to a counteraction of the safener, leave at least a 14 day interval

Clayton Sparta	Kusti	Mavrik + Bio Syl	
Decis Protech	Markate 50	Sven	
HALLMARK ZEON	Mavrik + Activator 90		

ADJUVANTS

ABACUS - 1% of spray vol	BOOST (Zantra), TONTO (Frontier)	KINETIC - 50 ml/ha	Surfer - 0.5% of spray vol
ACTIVATOR 90 - 0.1% of spray vol	BUZZ - 0.1% of spray vol	Nelson	TORPEDO II - 0.1% of spray vol
ACTIVATOR 90 - 0.1% of spray vol + X-Change	DIAMOND - 0.5% of spray vol	RESPOND - 0.5% of spray vol	Validate - 0.5% of spray vol
ARMA - 0.1% of spray vol	DRILL - 0.5% of spray vol	ROLLER - 50 ml/ha	Velocity - 0.5% of spray vol
BIOPOWER - 1.0 l/ha	FELIX - 0.5% of spray vol	SPARTAN - 0.1% of spray vol	VIKING - 0.5% of spray vol
BIO SYL - 1.0% of spray vol + X-Change	FORTUNE - 0.5% of spray vol	SPRYTE AQUA - 0.5% of spray vol + X-Change	X-change
BIO SYL - 1.0% of spray vol aka Cogent (Procam)	KANTOR - 0.15% of spray vol	Spryte Aqua CF	

PLANT GROWTH REGULATORS

Leave 7 day interval for full rate PGRs. When tank mixing use Palio + adjuvant plus half rate CCC only.†

ADJUST (< half dose)†	CANOPY	Corteva Agriscience	METEOR	TERPAL
3C CHLORMEQUAT 750 (< half dose)†	CERONE		MODDUS	

TRACE ELEMENTS For liquid fertilisers - leave a three day interval			
Bortrac (3.0 l/ha)	Magflo 300 (4.0 l/ha)	Max-phi Manganese	Safe-N (10 l/ha)
Calrite Extra	Magistrate	Mensa + Abacus	SMART ATS
Coptrel (0.5 l/ha)	Magphos K (10 l/ha)	Multiple Pro	SMART MagiiK Manganese
Croplift (5.0 kg/ha)	Maize Boost (5.0 l/ha)	NTS Triple Ten	SMART Manganese
Epsa Top + Abacus	Mancozin (2.0 l/ha)	Nutrino-Pro	Stem
Foliar Potash (10 l/ha)	Mancuflo (2.0 l/ha)	Nutri-Phite PGA	Stopit (10 l/ha)
FMC BORON 15	MANIFOL	Proleaf Gate	Sulphur F3000 (10 l/ha)
FMC Brock	MANTRAC DF (3.0 kg/ha)	Proleaf Jettzin	Terrasorb Foliar Extra
FMC COPPER	Mantrac Pro (1.0 l/ha)	Proleaf Manganese Extra	Zintrac 700 (1.0 l/ha)
FMC Mn 500	Master Magnesium + TE + pH modifier Optiphol	Proleaf Quattro	
FMC SUPER 80	Master Manganese Plus	Proleaf Rock	
Liquid Mn 15% (3.0 l/ha)	MaxMan 400 (add trace element first)	Rapitrel (3.0 l/ha)	

COMBINATION MIXES			
HERBICIDES PLUS FUNGICIDES			
Ally Max SX + Aviator 235 Xpro + Talius	Duplosan KV + Ascra Xpro	STOMP 400 SC + UNIX [®]	Zypar + Prosaro**
Ally Max SX + Prosaro**	STOMP 400 SC + AMISTAR [®]	Zypar + Aviator 235 Xpro	Zypar + Prosaro** + Talius
Ally Max SX + Prosaro** + Talius	STOMP 400 SC + FANDANGO	Zypar + Aviator 235 Xpro + Talius	Zypar + Talius
Ally Max SX + Talius	STOMP 400 SC + FLEXITY		

HERBICIDES PLUS INSECTICIDES			
STOMP 400 SC + HALLMARK ZEON [®]			

HERBICIDES PLUS TRACE ELEMENTS			
Ally Max SX + FMC Copper	Spitfire* + Nutri-Phite PGA	STOMP 400 SC + FMC SUPER 80 [®]	Zypar* + FMC Jett + Bio Syl
Galaxy* + Nutri-Phite PGA	STOMP 400 SC + FMC BORON 15 [®]	STOMP 400 SC + FMC ZINC	Zypar* + FMC Manganese 400 + Bio Syl
PIXXARO + FMC JETT + BIO SYL	STOMP 400 SC + FMC COPPER [®]	STOMP 400 SC + MANIFOL [®]	
PIXXARO + FMC MANGANESE + BIO SYL	STOMP 400 SC + FMC Mn 500 [®]	STOMP 400 SC + MANTRAC DF (3.0 kg/ha)	

INSECTICIDES PLUS TRACE ELEMENTS			
Hallmark Zeon + Max-phi Manganese			

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 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 tan -mix partners. Where only Physical Compatibility or Sprayable 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.
Do not mix Palio with OPs, MCPA and Dicamba.
For products containing MCPA or Dicamba respect a 14 day interval between them and Palio.
Do not harrow or roll within 7 days before or after an application of Palio.

KEY:
Topik is supported in mix with Palio up to the end of February.
®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 reducing residual activity then a **4 week** interval between the residual herbicide and an application of Palio is recommended to maximise grass weed control - the tank mix is then 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.
¹Corteva Agriscience only support Palio in a 2-way tank mix with half rate chlormequat due to crop safety issues. An interval of at least **7 days** must be regarded before applying a higher rate of chlormequat or any other PGR.

UPDATES:
February 2025: Removed - Cyclops, Hiker, Ice, Impact, Kansas, Manitoba, Mirador Xtra, Priori Xtra, Vareon, Contest, Permasect, Intracrop Felix, Intracrop Warrior, Karate + Brock
Added - Surfer (adjuvant) - Hurricane + Pixxaro + Surfer, Liberator + Pixxaro + Surfer, Picona + Pixxaro + Surfer, Stomp 400 EC + Pixxaro, Inatreq + Arizona + Elatus Plus, Inatreq + Arizona + Helix, Inatreq + Dithane 945 + Elatus Plus
August 2025: Added Quelex
September 2025: Added Mattera, removed Cinder mixes

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
Corteva Agriscience™, Unit H, Building H4, Melbourn Science Park, Cambridge Road, Melbourn, Cambridgeshire, SG8 6HB.
™ ® Trademarks of Corteva Agriscience and its affiliated companies.
All other brand names are trademarks of other manufacturers for which proprietary rights may exist.
Palio contains florasulam and pyroxulam
Hotline: 0800 689 8899 | ukhotline@corteva.com | corteva.co.uk

PALIO® TANK-MIX COMPATIBILITY in SPRING WHEAT

PLEASE NOTE THE MAXIMUM DOSE RATE OF PALIO® IN SPRING WHEAT IS 200 gm/ha. APPLICATION IS FROM 1ST MARCH ONLY

SPRING WHEAT IS DEFINED AS ANY WHEAT PLANTED AFTER 1ST FEBRUARY REGARDLESS OF VARIETAL BREEDING

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BOLD CAPITALS = Physically & Biologically Compatible	<i>Bold Italics = Biologically Compatible with Continuous Agitation</i>	RED ON BLUE = CROP INJURY - INCOMPATIBLE

HERBICIDES

NO JOINT APPLICATIONS WITH ALS CONTAINING PRODUCTS APPROVED ON SPRING WHEAT

AXIAL PRO	HURRICANE + PIXXARO + BIO SYL	MCPA (14 day interval)			
DUPLOSAN KV	LIBERATOR + PIXXARO + BIO SYL	PIXXARO + BIO SYL			

FUNGICIDES

Aquino + Arizona + Syrex	AVIATOR 235 XPRO + MOJAVE	Dithane 945 + Peqtiga + Tesanto	Mojave + Myresa + Syrex
Aquino + Syrex	AVIATOR 235 XPRO + TALUIS	Dithane 945 + Questar + Velogy Plus	Mojave + Vegas
ARIZONA	AVIATOR 235 XPRO + VEGAS	ELATUS ERA	MOJAVE + PROSARO
ARIZONA + AVIATOR 235 XPRO	COLORADO	ELATUS ERA + MIRROR	PEACQ + PRIAXOR
ARIZONA + ELATUS ERA	COLORADO + ELATUS ERA	ELATUS ERA + MOJAVE	PEQTIGA + ELATUS PLUS
ARIZONA + ELATUS PLUS + PEACQ	COLORADO + LIBRAX	ELATUS PLUS + PEACQ	PEQTIGA + TESANTO
ARIZONA + INCONIQ + VELOGY PLUS	COLORADO + PROSARO	ELATUS ERA + TALUIS	PRIAXOR
ARIZONA + LIBRAX	COMET 200	Flyer + Mojave + Vegas	PROLINE 275
ARIZONA + PEACQ + PRIAXOR	CYFLAMID	Guardian*	PROSARO*
ARIZONA + PEQTIGA + ELATUS PLUS	DECOY 250EC	INCONIQ + VELOGY PLUS	PROSARO* + TALUIS
Arizona + Peqtiga + Helix	Decoy 250EC + Kavatur Plus + Mojave	LIBRAX	Provyto XE
ARIZONA + PEQTIGA + TESANTO	Decoy 250EC + Mojave + Serpent	LIBRAX + MIRROR	QUESTAR + VELOGY PLUS
ARIZONA + PROSARO	Decoy 250EC + Mojave + Silvran Pro	LIBRAX + MOJAVE	Revystar XE
ARIZONA + QUESTAR + VELOGY PLUS	Diadem XE	LIBRAX + TALUIS	Sentinel*
Ascro Xpro	Dithane 945	MIRROR	TALUIS
AVIATOR 235 XPRO	Dithane 945 + Elatus Plus + Peacq	MIRROR + PROSARO	UNIVIQ
AVIATOR 235 XPRO + COLORADO	Dithane 945 + Inconiq + Velogy Plus	Mivtyo XE	VEGAS
AVIATOR 235 XPRO + CYFLAMID	Dithane 945 + Peqtiga + Elatus Plus	MOJAVE	Verydor XE
AVIATOR 235 XPRO + MIRROR			

INSECTICIDES

DO NOT mix with OP insecticides, as potential crop damage due to a counteraction of the safener, leave at least a 14 day interval

Clayton Sparta	HALLMARK ZEON	KUSTI	Sven
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ADJUVANTS

ABACUS - 1% of spray vol	BOOST (Zantra), TONTO (Frontier)	KINETIC - 50 ml/ha	Surfer - 0.5% of spray vol
ACTIVATOR 90 - 0.1% of spray vol	BUZZ - 0.1% of spray vol	Nelson	TORPEDO II - 0.1% of spray vol
ACTIVATOR 90 - 0.1% of spray vol + X-Change	DIAMOND - 0.5% of spray vol	RESPOND - 0.5% of spray vol	Validate - 0.5% of spray vol
ARMA - 0.1% of spray vol	DRILL - 0.5% of spray vol	ROLLER - 50 ml/ha	Velocity - 0.5% of spray vol
BIOPOWER - 1.0 l/ha	FELIX - 0.5% of spray vol	SPARTAN - 0.1% of spray vol	VIKING - 0.5% of spray vol
BIO SYL - 1.0% of spray vol + X-Change	FORTUNE - 0.5% of spray vol	SPRYTE AQUA - 0.5% of spray vol + X-Change	X-change
BIO SYL - 1.0% of spray vol aka Cogent (Procam)	KANTOR - 0.15% of spray vol	Spryte Aqua CF	

PLANT GROWTH REGULATORS

Leave 7 day interval for full rate PGRs. When tank mixing use Palio + adjuvant plus half rate CCC only†

3C CHLORMEQUAT 750 (<half dose)†					
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TRACE ELEMENTS

For Liquid fertilisers - leave a three day interval

Bortrac (3.0 l/ha)	Magflo 300 (4.0 l/ha)	Max-phi Manganese	Safe-N (10 l/ha)
Califte Extra	Magistrate	Mensa + Abacus	SMART ATS
Coptrel (0.5 l/ha)	Magphos K (10 l/ha)	Multiple Pro	SMART Magiik Manganese
Croplift (5.0 kg/ha)	Mancozin (2.0 l/ha)	NTS Triple Ten	SMART Manganese
Epsa Top + Abacus	Mancufla (2.0 l/ha)	Nutrino-Pro	Stem
Foliar Potash (10 l/ha)	MANIFOL	Nutri-Phite PGA	Stopit (10 l/ha)
FMC BORON 15	Mantrac 500 (1.0 l/ha)	Proleaf Gate	Sulphur F3000 (10 l/ha)
FMC Brock	MANTRAC DF (3.0 kg/ha)	Proleaf Jettzin	Terrasarb Foliar Extra
FMC COPPER	Maize Boost (5.0 l/ha)	Proleaf Manganese Extra	Zintrac 700 (1.0 l/ha)
FMC Mn 500	Master Magnesium + TE + pH modifier Optiphil	Proleaf Quattro	
FMC SUPER 80	Master Manganese Plus	Proleaf Rock	
Liquid Mn 15% (3.0 l/ha)	MaxMan 400 (add trace element first)	Rapitrel (3.0 l/ha)	

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UPDATES February 2025:

Removed: Intracrop Felix, Intracrop Warrior

Added: Inatreq + Arizona + Elatus Plus, Univog, Inatreq + Priaxor / Syrex

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Palio contains florasulam and pyroxulam

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