

PALIO® TANK-MIX COMPATIBILITY

PLEASE ENSURE YOU READ THE NOTES SECTION

BOLD CAPITALS = Physically & Biologically Compatible	(Italics in brackets) = Sprayable with Continuous Agitation	Red on Blue = PHYSICALLY INCOMPATIBLE	Normal = Physically Compatible
BOLD CAPITALS* = ON LABEL	(BOLD ITALICS IN BRACKETS) = PB & CA	RED ON BLUE = CROP INJURY	No tank mixes in Spring Wheat

Herbicides ¹ Tank mix full rate, Sequence half rate. ² PC but no benefit seen in trials *Do not exceed max total dose florasulam 7.5 g.a.i. (3.75 g.a.i. Before 1st Feb.)			
ABSOLUTE ¹	ww	Defy ¹ +/- Hurricane/Liberator	ww
ALIAS / ALIAS SX	ww	Dicamba products (14 day interval)	ww
Ally +Stomp +/- Prospect		DUCTIS SX ¹ / EXCEED SX ¹	ww
ALLY MAX SX		DUPLOSAN KV+/-STOMP 400 SC	ww
ALLY EXPRESS	ww	EXCALIBUR ¹ / EXCEED SX ¹	ww
ANSWER SX		FINISH SX	ww
ARIA		Galaxy + Ceando	ww
Auxiliary + Bravo + Ceando		GALAXY* / DAKOTA*	ww
AUXILIARY autumn (14 day gap in spring ⁵)		GARTREL*	ww
AVRO SX	ww	GARTREL + AXIAL + ADIGOR	ww
Axial + Adigor ²		GARTREL + TOPIK +/- ACTIROB B	ww
BACARA (Autumn only)	ww	GEX 353	ww
BARTON WG*	ww	GF-184*	ww
BIPLAY SX	ww	GROPPER SX	ww
BULION ¹		HARMONY SX / HARMONY M SX	ww
CALIBRE SX	ww	HEADLAND POLO (14 day interval)	ww
CAPTURE +Stomp 400 SC		HEADLAND SAXON (14 day interval)	ww
CHIMERA SX/CONCERT SX	ww	HEADLAND SURE-FIRE GOLD*	ww
Cinder + Activator 90		HERBOXONE	ww
(Cinder + Kantor/Spryte Aqua)	ww	HIKER* / HUNTER*	ww
(Cinder + Kinetic)	ww	HURRICANE	ww
CLEANCROP MONDIAL		(Ice)	ww
CONCERT SX		IMAGE*	ww
(Crystal)	ww	INKA SX	ww
		JUBILEE SX	ww
		LEXUS SX (Tank mix Full rate, Sequence half rate)	ww
		Liberator	ww
		LORATE	ww
		MCPA (14 day interval)	ww
		Movon	ww
		MOZAIC SX	ww
		OKLAR SX	ww
		ORIEL 50 SX	ww
		OXYTRIL CM +/- STOMP 400 SC	ww
		PARANA	ww
		PENNANT	ww
		PicoMax (autumn only ⁰)	ww
		PICONA (autumn only ⁰)	ww
		PicoPro (autumn only ⁰)	ww
		PicoStomp (autumn only ⁰)	ww
		PINNACLE	ww
		Pixxaro	ww
		PRESITE SX	ww
		PRIMUS 25 SC ⁰	ww
		PROSPECT + Stomp 400 SC	ww
		QUANTUM SX / QUANTUM +/- STOMP 400 SC	ww
		Quirinus + Biosyl	ww
		RATIO SX	ww
		REFINE MAX SX	ww
		SEDUCE	ww
		SIMBA SX	ww
		SLALOM*	ww
		SPITFIRE* (0.75 L/ha)	ww
		Spitfire + Ceando	ww
		SPITFIRE + TOPIK +/- ACTIROB B	ww
		STAKA SX 1	ww
		STARANE GOLD* + STOMP 400 SC	ww
		STARANE GOLD* / VANTAGE*	ww
		STARANE XL*	ww
		STARANE XL* + STOMP 400 SC	ww
		STOMP 400 aut (4 week gap in spring*)	ww R T
		Stomp Aqua + Bravo + Ceando	ww R T
		STOMP AQUA (add first) autumn*	ww R T
		System 50 + Bio Syl	ww
		TAXI / TRIAD	ww
		THOR	ww
		TOPIK +/- STOMP 400 EC 3	ww
		(3 14 day interval in spring*)	ww
		TRATON SX	ww
		(Trooper)	ww
		Vigon	ww
		Zypar	ww

Fungicides			
Acanto + Stomp 400 SC		Centaur + Kinetic	ww
ACANTO PRIMA	ww	Cerix	ww
Adexar		CHEROKEE	ww
Agate EC MAPP 14482 + Abacus (see Folicur)**		Chord + Activator 90/Bio Syl/Drill/Torpedo	ww
ALTO ELITE	ww	Cigal Plus	ww
AMISTAR OPTI +/- STOMP 400 SC	ww	CORBEL +/- STOMP 400 SC	ww
AMISTAR +/- STOMP 400 SC	ww	Crede + Kantor	ww
AMISTAR PRO	ww	CYFLAMID	ww
		DEMEO / DIAMANT	ww
Aviator 235 Xpro		Demeo + Spitfire (0.75 L/ha)	ww
Bassoon		Eclipse	ww
Boogie Xpro		ENNOBE	ww
(Bravo 500 + Liberator / Stomp Aqua)		Enterprise	ww
BRAVO 500 +/- OPUS/PROLINE	ww	EXCELSIOR	ww
BRAVO 500 +/- PROSARO (see folicur)**		FANDANGO +/- Stomp 400 SC	ww
BRAVO 500 +/- STOMP 400 SC +/- FORTRESS	ww	FLAMENCO	ww
BRAVO 500 +/- HEADLAND Mn500 +/- OPUS	ww	FLEXITY + Stomp 400 SC	ww
BRAVO 500 +/- HEADLAND SUPER 80 +/- OPUS	ww	Flyer / Tucana	ww
BRUTUS +/- BRAVO 500		FOLICUR +/- BRAVO 500 500 **	ww
CAPALO	ww	FORTRESS +/- STOMP400 SC	ww
CARAMBA	ww	GURU	ww
Ceando + Galaxy/Spitfire		Ignite + Bravo 500 +/- Spitfire	ww
Ceando + Kinetic		Ignite + Bravo + Bio Syl + Spitfire	ww
		Ignite +/- Bravo 500	ww
		(Imtrex + Osiris P)	ww
		JAUNT	ww
		JENTON	ww
		Kingdom	ww
		LANDMARK +/- STOMP 400 SC	ww
		MANTRA	ww
		MENARA	ww
		NECTAR/CRAFTER	ww
		OLYMPUS SC	ww
		OPERA +/- STOMP 400 SC	ww
		OPUS +/- STOMP 400 SC	ww
		OPUS TEAM	ww
		ORKA +/- STOMP 400 SC	ww
		Pentangle	ww
		FLAMENCO	ww
		Platoon 250	ww
		PORAZ	ww
		Poraz + Bravo 500	ww
		Prairie + Abacus	ww
		PRIORI XTRA	ww
		PROLINE 275	ww
		PROSARO	ww
		Quell Flo + Activator 90	ww
		Quell Flo + Bio Syl/Drill/Torpedo	ww
		Seguris	ww
		Siltra Xpro (NB Not approved ww,rye, triticale)	ww
		Skyway 285 Xpro / Sparticus Xpro (see Folicur)**	ww
		SWIFT +/- FLAMENCO / OPUS	ww
		SWING GOLD	ww
		TALIUS	ww
		TIMPANI	ww
		Toledo / Ulysees (SC formulations only)	ww
		Toledo + Bravo 500 + Bio Syl 1% ***	ww
		Torch	ww
		TORCH EXTRA	ww
		Tracker	ww
		Treoris	ww
		Tucana	ww
		UNIX +/- STOMP	ww
		Vareon + Activator 90 +/- Talius (Crop Damage)**	ww
		Vareon + Bio Syl but note crop damage with Vareon**	ww
		Variano Xpro	ww
		Vertisan	ww
		Vivid	ww
		ZIMBRAIL	ww

Insecticides No OP's - Crop Damage - counteracts the safener			
Contest		FURY 10 EW	ww
(Decis Protech)		Gandalf + Stomp Aqua	ww
BASF DIMETHOATE 40 +/- Stomp 400 (14 day interval)		HALLMARK ZEON CS +/- STOMP 400 SC	ww
DURSBAN WG (14 day interval)		Karate 2.5 WG	ww
		(Karate 2.5 WG + Headland Brock)	ww
		Markate 50	ww
		Markate 50 + Centaur + Kinetic/Roller (crop injury)	ww
		(Mavrik + Activator 90)	ww
		(Mavrik + Bio Syl)	ww
		TOPPEL 10 +/- STOMP 400 SC	ww

Adjuvants			
Abacus	1% of spray	Bio Syl	1.0% of spray vol + X-Change
Activator 90	0.1% of spray	Buzz	0.1% of spray
Activator 90	0.1% of spray vol + X-Change	Drill	0.5% of spray
Arma	0.1% of spray	Headland Fortune	0.5% of spray vol
Bio Syl	1.0% of spray vol aka Cogent Procam, Tonto Frontier, Boost Zant	Headland Diamond	0.5% of spray vol
		Intracrop Felix	0.5% of spray vol
		Intracrop Warrior	0.5% of spray vol
		Kantor	0.15% of spray vol
		Kinetic / Roller	50 ml/l
		Respond	0.5% of spray vol
		Spartan	0.1% of spray vol
		Spryte Aqua	0.5% of spray vol + X-Change
		Torpedo II	0.1% of spray vol
		Viking	0.5% of spray vol

Growth Regulators Leave 7 day interval for full rate PGRs. When tank mixing use Palio + adjuvant plus half rate CCC and nothing else. NSC = NEW SC CYCOCEL			
ADJUST (< half dose)	ww	CERONE	ww
BASF 3C CHLORMEQUAT (<half dose)	ww	METEOR	ww
CANOPY		MODDUS	ww
		NSC (<half dose)	ww
		STRONGHOLD	ww
		TERPAL	ww
		UPGRADE	ww

Trace Elements For Liquid fertilisers - leave a three day interval			
Bortrac 3 L		HEADLAND SUPER 80 +/- STOMP 400 SC	ww
Coptrel 0.5 L		HEADLAND ZINC + STOMP	ww
Croplift 5 kg		Liquid Mn 15% 3 L	ww
Epsa Top + Abacus		Magflo 300 4 L	ww
Foliar Potash 10 L		Magphos K 10 L	ww
HEADLAND BORON 15 +/- STOMP 400 SC	ww	Mancozin 2 L	ww
Headland Brock		Mancuflo 2 L	ww
HEADLAND COPPER +/- STOMP 400 SC	ww	MANIFOL +/- STOMP 400 SC	ww
HEADLAND Mn 500 +/- STOMP 400 SC	ww	Mantrac 500 1 L	ww
		MANTRAC DF 3 kg +/- STOMP 400 SC	ww
		Master Magnesium + TE + pH modifier Optiphil	ww
		Master Manganese Plus	ww
		Maxie Boost 5 L	ww
		MaxMan 400 (add trace element first)	ww
		Max-phi Manganese + Hallmark Zeon	ww
		Mensa + Abacus	ww
		Nutri-Phite PGA +/- Galaxy/Spitfire	ww
		Rapitre! 3 L	ww
		Safe-N 10 L	ww
		SMART ATS	ww
		SMART Maggik Manganese	ww
		SMART Manganese	ww
		Stoptit 10 L	ww
		Sulphur F3000 10 L	ww
		Zintrac 700 1 L	ww

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.

NOTES:

The crops covered are Winter Wheat (ww), Rye (R) and Triticale (T). No tank mixes in Spring Wheat

Other than Auxiliary or Topik up to the end of February, for ACCase graminicide (fop/dim) leave 14 day interval.

Ø Can be used in mixture or short sequence with residual herbicides typically up to the end of February. For applications made after this date the need to use a residual partner is less compelling but it may be considered if soils are moist and/or further germination is likely. If used in sequence leave a 4 week interval between residual herbicide and an application of Broadway Star for efficacy not crop safety reasons.

Dow AgroSciences do not support tank mixes with product containing chlorotoluron for bromine control. Minimum 4 week, ideally 6 week

† These tank mixes are physically compatible but in trials double rate caused height reductions. Dow AgroSciences do not support for crop

* When using in mixtures or sequence with other products containing florasulam do not exceed maximum florasulam dose

of 7.5 g a.i./ha (3.75g a.i. /ha for applications from crop emergence in year of planting to 1st February in year of harvest

*** This support is for the SC formulation of tebuconazole NOT the EW formulations

BioSyl can be interchanged for other supported adjuvants.

Supported by DeSangosse: X-Change, X-Clude, AquaScope. For further information contact DeSangosse.

Palio should always be used with an approved adjuvant. Occasionally differences in compatibility have resulted between tank mix partners and specific adjuvants. Where these are known they are listed above.

For products containing MCPA or Dicamba leave 14 day interval.

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

Do not mix OPs, MCPA or Dicamba. interval.

Leave 7 day interval for full rate PGRs. When tank mixing with CCC, Palio + adjuvant + ½ dose CCC and nothing, so use is at grower's risk only.

For products containing OPs, leave 14 day interval.