

2025–2026

OxiDate® 5.0
Tank Mix and
Compatibility Guide



This guide serves as a reference for OxiDate 5.0 ONLY, and it should not be used to determine compatibility for OxiDate 2.0 or any other peroxyacetic acid-based products.

OxiDate 5.0 may be tank mixed with other fungicides, herbicides, insecticides, and/or other additives unless prohibited on the label of the tank mix partner. Users must follow the most restrictive directions for use and precautionary statements of each product in the pesticide spray mixture. It is the pesticide user's responsibility to ensure that all products are registered for the intended use and applied in accordance with label directions.

Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing.

TANK MIXING GUIDELINES

- OxiDate 5.0 is an oxidizing agent with a very low pH (<1.5) that can react negatively with formulations containing metal ions (such as aluminum, copper and sulfur). Thoroughly rinse out spray tanks prior to using OxiDate 5.0 to prevent any negative reaction with prior pesticide residues.
- For ground spray applications, it is recommended that no more than 2-3 additional compatible products be tanked mixed. For low water volume applications such as aerial or electrostatic applications only 1-2 additional compatible products are recommended.

TANK-MIXING INSTRUCTIONS

1. Fill the spray tank to 75% of the required water volume.
2. Start agitation and add the recommended % v/v of OxiDate 5.0 required for the total tank mix volume.
3. Add water to bring the tank to 90% of the total desired volume.
4. Begin adding the remaining pesticides to the tank in the following order based on formulation; Allow 3–5 minutes before adding each formulation type: water-soluble packets (WPS); dry formulations, dry or solid anti-drift agents (DF, WDG, WG, WP, SG); dispersed liquid formulations (SC, F, FL, SE, EW, CS); remaining liquid formulations (EC, OD, S, SL); adjuvants and fertilizers.
5. Add the remainder of water to the tank and continue agitation during the spray application.
6. **Caution: Never add OxiDate 5.0 to a super concentrated solution containing other pesticides. OxiDate 5.0 must be 90% diluted prior to adding any other pesticides.**

APPLICATION NOTES

- Wait 48-72 hours after applying a metal-based pesticides/fertilizer spray mixture before applying OxiDate 5.0.
- Alternatively, metal-based pesticides/fertilizers can be applied after an application of OxiDate 5.0 once leaf surfaces have fully dried.
- Thoroughly apply spray solution to ensure complete coverage of plant tissue.
- Use appropriate nozzles and solution volume (GPA) based on crop stage and canopy density.
- The use of a non-ionic surfactant is recommended to improve coverage.

COMPATIBILITY KEY

○ Yes ● See notes ✘ No



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FUNGICIDES & BACTERICIDES

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
Acibenzolar-S-methyl	Actigard [®] 50WG	●	
Azoxystrobin	Quadris [®] , Abound [®]	●	
Azoxystrobin + Difenconazole	Qaudris Top [®]	●	
Azoxystrobin + Propiconazole	Avaris [®] , Avaris [®] 2XS, Quilt [®] Xcel	●	
Benzovindiflupyr + Azoxystrobin + Propiconazole	Trivapro [®]	●	
Benzovindiflupyr + Difenconazole	Aprovia [®] Top	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Boscalid	Endura [®]	●	
Boscalid + Pyraclostrobin	Pristine [®]	●	
Captan	Captan Gold [®] 80 WDG, Captan Gold [®] 4L	●	
Chlorothalonil	Bravo Weather Stik [®]	●	
Cyazofamid	Ranman [®]	●	
Cyprodinil	Vanguard [®] WG	●	
Cyprodinil + Fludioxonil	Palladium [®]	●	
Cyprodinil + Difenconazole	Inspire Super [®]	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Cymoxanil + Famoxadone	Tanos [®]	●	
Difenconazole + Tea Tree Oil	Regev [®]	●	
Fenhexamid	Elevate [®] 50 WDG, Decree [®] 50 WDG	●	
Fludioxonil	Scholar [®] Max MP	✘	
Fludioxonil + Pydiflumetofen	Miravis [®] Prime	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Fluopicolide	Presidio [®]	●	
Fluopyram	Velum [®] One	●	
Fluopyram + Difenconazole	Luna [®] Flex	●	
Fluopyram + Pyrimethanil	Luna Tranquility [®]	●	
Fluopyram + Tebuconazole	Luna Experience [®]	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Fluopyram + Trifloxystrobin	Luna Sensation [®]	●	
Flutianil	Gatten [®]	●	
Fluxapyroxad + Pyraclostrobin	Priaxor [®] Xemium [®]	●	
Fosetyl-aluminum	Aliette [®]	✘	
Ipflufenquin	Axios [™] 20 SC	●	
Isofetamid	Kenja 400SC	●	
Mancozeb	Manzate [®] Pro-Stick [™] , Manzate [®] Max, Penncozeb [®] 75DF, Dithane [®] 75DF	●	Apply within 1 hour of mixing
Mancozeb & Copper	Mankocide [®] DF	●	Apply within 1 hour of mixing
Mandipropamid	Revus [®]	●	

FUNGICIDES & BACTERICIDES

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
Mefenoxam	Ridomil Gold [®] SL	✘	
	Ultra Flourish [®]	●	
Metconazole	Quash [®]	●	
Metrafenone	Vivando [®]	●	
Myclobutanil	Eagle [®] 20EW, Rally [®] 40WSP	●	
Oxathiapiprolin + Mandipropamid	Orondis [®] Ultra	●	
Salts of Phosphorus acid (Mono & di-potassium) + Hydrogen Peroxide	OxiPhos [®]	●	
Salts of Phosphorus acid (Mono & di-potassium)	KPHITE [®] 7LP, Fosphite [®]	●	
Mono and dibasic sodium, potassium, and ammonium phosphites	Phostrol [®]	●	
Potassium Phosphite + Tebuconazole	Viathon [®]	●	
Picoxystrobin	Aproach [®]	●	
Propamocarb hydrochloride	Previcur [®] FLEX	●	
Propiconazole	Tilt [®] , Bumper [®] , BannerMaxx [®] II	●	
Prothioconazole	Proline [®] 480 SC	●	
Prothioconazole + Trifloxystrobin	Stratego [®] YLD	●	
Pydiflumetofen + Propiconazole	Miravis [®] Ace	●	
Pyraclostrobin + Metconazole	Headline AMP [®]	●	
Pyrimethanil	Scala [®] brand SC	●	
Pyriofenone	Prolivo [®] 300SC	●	
Quinoxifen	Quintec [®]	●	
Tebuconazole	Folicur [®]	●	
Tetraconazole	Domark [®] 230 ME, Eminent [®] VP, Minerva [®]	●	
Thiophanate-methyl	Topsin [®]	●	
Thiram (Tetramethylthiuram disulfide)	Thiram SC	✘	
Triphenyltin Hydroxide	Super Tin [®] 4L	●	
Trifloxystrobin	Flint [®] Extra	✘	
Triflumizole	Procure [®] 480SC	●	

COPPER

Copper Hydroxide	Champ [®] DP, ChampION++ [™] , Kocide [®] 3000-O, Nu-Cop [®] 50WP	✘	
Copper Octanoate	Cueva [®]	●	
Copper sulfate pentahydrate	Magna-Bon [®] CS 2005	●	
Cuprous Oxide	Nordox [®] 30-30 WG, Nordox [®] 75 WG	✘	
Copper Hydroxide + Copper Oxchloride	Badge [®] SC	●	Do not exceed Badge SC 0.75 pt./100 gallon or OxiDate 5.0 1% v/v (128 fl. o.z/100 gallons), Apply within 1 hour of mixing
(Basic) Copper Sulfate	Agri Star [®] Basic Copper 53, Cuprofix [®] Ultra 40 Dispers [®]	✘	

FUNGICIDES & BACTERICIDES

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
SULFUR			
Sulfur	Golden Micronized Sulfur	●	Do not exceed Golden Micronized Sulfur 5 lb./100 gallons or OxiDate 5.0 0.39% v/v (50 fl. oz./100 gallons); Apply within 1 hour of mixing
Sulfur	Microthiol® Disperss®	●	Do not exceed Microthiol Disperss 3 lbs./100 gallons or OxiDate 5.0 0.39% v/v (50 fl. oz. per 100 gallons of water); Apply within 1 hour of mixing
Sulfur, Dusting	Misc. brands	✘	Apply OxiDate 5.0 before or 72 hours after dusting sulfur application
Lime Sulfur	Multiple brands	✘	Incompatible due to high pH
FUNGICIDAL AND BACTERICIDAL BIOPESTICIDES			
MICROBIAL			
MICROBIAL-BACILLUS SPP.			
Beneficial bacteria in the genus <i>Bacillus</i> contain metabolites and/or endospores that can suppress the activity of plant pathogens. <i>Bacillus</i> produces endospores that are compatible with many fungicides, copper bactericides, and antibiotics, however this varies by species and formulation. Foliar applications of <i>Bacillus</i> spp. products are compatible, when the mode of action (MOA) is primarily by metabolites triggering ISR/SAR and other antimicrobial properties. When the (MOA) is dependent on spore colonization on leaf surface, mixture is not compatible. <i>Bacillus</i> spp. in soil applications is not tank-mix compatible. However, OxiDate 5.0 can be applied to the soil prior to the applications of <i>Bacillus</i> -based products. Contact BioSafe Systems for further instructions.			
<i>Bacillus amyloliquefaciens</i> strain D747	Double Nickel® LC	●	
<i>Bacillus subtilis</i> strain QST 713	Serenade® ASO, Serenade® OPTI	●	Foliarly compatible when MOA relies on metabolites that trigger ISR/SAR or antimicrobial activity.
<i>Bacillus pumilus</i> strain QST 2808	Sonata®	●	
Other <i>Bacillus</i> species and strains	Foliar Applications: brands not listed above Soil Applications: all brands	● ✘	
<i>Bacillus subtilis</i> strain IAB/BS03	Bacix	●	
MICROBIAL-OTHER SPECIES			
Cerevisane	Romeo	●	
<i>Gliocladium</i> species	Prestop®WG, SoilGuard®	✘	
Kasugamycin Hydrochloride Hydrate	Kasumin® 2L	●	
Oxytetracycline	Mycoshield®, Fireline™ 17 WP	●	
Polyoxin D zinc salt	Oso® 5%SC, PH-D®	●	
<i>Pseudomonas chlororaphis</i>	Howler®	●	
Extract of <i>Reynoutria sachalinensis</i>	Regalia® CG	●	
<i>Streptomyces</i> sp.	Actinovate®, MycoStop®	✘	
Streptomycin sulfate	Agri-Mycin®50, Harbour®, Firewall™17 WP	●	
BIOCHEMICAL, BOTANICAL, PLANT ACTIVATORS			
Chitosan	Tidal Grow® Spectra	●	
Eugenol + Geraniol + Thymol	Mevalone®	✘	
Laminarin	Vacciplant®	●	
<i>Swinglea glutinosa</i> extract	EcoSwing®	●	
Tea Tree Oil	Timorex Act®	●	
Thyme Oil	Guarda®	●	Other thyme oil products have not been evaluated
Quillaja	QuillajaChoice®	●	

FUNGICIDES & BACTERICIDES

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
OILS AND INORGANICS			
Potassium bicarbonate	Kaligreen [®] , Carb-O-Nator [®]	✘	Incompatible due to high pH
Sodium Carbonate Peroxyhydrate	PerCarb [®]	✘	Incompatible due to high pH
Horticultural oils	Dormant Oil 435	●	
Mineral oil	TriTek [™] , Sol-oil 97, BioCover [®] MLT, PureSpray [™] Green, 415 Spray Oil	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Neem oil	Trilogy, Triact 70 [®]	●	
Paraffinic oil	JMS Stylet-Oil [®]	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)

INSECTICIDES & MITICIDES

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
Abamectin	Avid [®] 0.15EC	●	
Abamectin + Cyantraniliprole	Minecto [®] Pro	●	
Acetamiprid	Assail [®] 30SG	●	
Beta-Cyfluthrin Cyano	Baythroid [®] XL	●	
Bifenazate	Floramite [®] SC	✘	
Chlorantraniliprole	Altacor [®] , Coragen [®]	●	
Cyclaniliprole	Harvanta [®] 50 SL	●	
Diffubenzuron	Cavalier 2L, Dimilin [®] , Micromite [®] 2L	●	
Dimethoate	Dimethoate LV-4	✘	
Dinotefuran	Venom [®]	●	
Emamectin benzoate	Proclaim [®]	●	
Flupyradifurone	Sivanto [®] Prime	●	Apply within 1 hour of mixing
Imidacloprid	Admire [®] , Merit [®]	●	
Indoxacarb	Avaunt [®] eVo	●	
Lambda-cyhalothrin	Lambda T-2	●	
Lambda-cyhalothrin + Chlorantraniliprole	Besiege [®]	●	
Methoxyfenozide	Intrepid 2F [®]	●	
Spiromesifen	Oberon [®] 2 SC	●	
Spiratetramat	Movento [®]	●	
Thiamethoxam	Actara [®]	●	
Tolfenpyrad	Apta [®]	●	
Zeta-cypermethrin	Mustang [®]	●	

INSECTICIDES & MITICIDES			
ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
INSECTICIDAL & MITICIDAL BIOPESTICIDES			
MICROBIAL			
<i>Bacillus thuringiensis</i> ssp. <i>kurstaki</i> strain EVB-113-19	BT NOW®	✗	
<i>Bacillus thuringiensis</i> ssp. <i>aizawai</i> strain GC-91	Agree®WG	✗	
<i>Bacillus thuringiensis</i> ssp. <i>kurstaki</i> strain SA-11	Javelin®WG	✗	
<i>Bacillus thuringiensis</i> ssp. <i>kurstaki</i> strain ABTS-351	Dipel®	✗	
<i>Bacillus thuringiensis</i> ssp. <i>aizawai</i> strain ABTS-1857	XenTari®	✗	
<i>Beauveria bassiana</i> strain ANT-03	BioCeres WP	✗	
<i>Beauveria bassiana</i> strain GHA	BotaniGard®, BoteGHA® ES	✗	
<i>Beauveria bassiana</i> strain GHA	BoteGHA® ES	✗	
<i>Burkholderia</i> sp. strain A396	Venerate® CG	●	
<i>Chromobacterium subtsugae</i>	Grandevo®	✗	
<i>Helicoverpa zea</i> Nucleopolyhedrovirus strain ABA-NPV-U	Heligen	●	
<i>Isaria fumosorosea</i>	PFR-97®	✗	
<i>Metarhizium anisopliae</i>	Met 52® EC	✗	
Spinetoram	Radiant® SC	●	
Spinosad	Entrust®	●	
Bacteriophage	AgriPhage™		
<i>Cydia pomonella</i> granulovirus	CYD-X® HP		
Polyhedral occlusion bodies of the nuclear polyhedrosis virus of <i>Helicoverpa zea</i>	Gemstar®LC		Contact BioSafe Systems for further instructions
<i>Cydia pomonella</i> granulovirus isolate V22	Madex HP		
BIOCHEMICAL, BOTANICAL, PLANT ACTIVATORS			
Azadirachtin 3%	AzaGuard®	●	
Azadirachtin 1.2%	Aza-Direct®	●	
Azadirachtin 4.5%	Neemix® 4.5	●	
Geraniol/peppermint oil/rosemary oil	Ecotec® Plus	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Potassium salts of fatty acids	M-Pede®	●	Apply within 1 hour of mixing, M-Pede requires a minimum of 8 pH
Pyrethrins	Pyganic® EC	●	
OILS AND INORGANICS			
Horticultural oils	Dormant Oil 435	●	
Mineral oil	TriTek™, Sol-oil 97, BioCover® MLT, PureSpray™ Green, 415 Spray Oil	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Neem oil	Trilogy®, Triact 70®	●	
Paraffinic oil	JMS Stylet-Oil®	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Kaolin Clay	KaMin	●	

ADJUVANTS & SURFACTANTS

OxiDate 5.0 is not compatible with penetrant adjuvants

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
ETHOXYLATES			
Alcohol ethoxylate	VINTRE	●	
Ethoxylated Alkyl Phosphate esters, nonionic surfactants, and C16-C28 alkanooates	Cide Winder®	●	
Secondary alcohol ethoxylate	OROBOOST	●	
NON-IONIC SURFACTANTS			
2-butoxyethanol, poloxalene, monopropylene glycol	Regulaid®	●	Use solution within 1-3 hours of mixing
Alkanolamide surfactants, alkylaryl polyethoxyethanol sulfates, and 1,2-propanediol	Cohere®	●	
Alkyl Aryl Polyoxylkane ethers + alkanolamides + dimethyl siloxane + Free Fatty Acids	Induce®	●	
Alkylphenol ethoxylate + alcohol ethoxylate + tall oil fatty acid	Activator 90	●	
Lecithin, methyl esters of fatty acids, and alcohol ethoxylate	Liberate®	●	Use solution within 1-3 hours of mixing
Phosphatidylcholine, methylacetic acid and alkyl polyoxyethylene ether	LI-700®	●	Use solution within 1-3 hours of mixing
Secondary alcohol ethoxylate + sodium lauryl ether sulfate	WETCIT	●	
Yucca (Saponin)	Ag-Aide™	●	
OILS			
Methyl esters of C16-C18 fatty acids, polyalkyleneoxide modified polydimethylsiloxane, alkylphenol ethoxylate	Dyne-Amic®	●	Use solution within 1-3 hours of mixing
Modified vegetable oil, polyoxyethylene sorbitan fatty acid ester, vegetable oil, and soybean oil, ethoxylated	Masterlock®	●	
ORGANOSILICONES			
Polyether modified heptamethyltrisloxane	Stik-Kote®	●	
Polyether-polymethylsiloxane-copolymer, polyether	Leaf Life Widespread® Organic	●	Use solution within 1-3 hours of mixing
Polyalkyleneoxide modified polydimethylsiloxane and nonionic surfactants	Kinetic®	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Polyether-polymethylsiloxane-copolymer, polyether	Widespread® Max	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Synthetic latex, 1,2-propanediol, Alcohol ethoxylate, silicone polyether copolymer	Tactic™	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Siloxane Polyalkyleneoxide Copolymer	Silwet® L-77	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Siloxane Polyalkyleneoxide Copolymer and Polyalkyleneoxide	VistaSil 100®	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
POLYMERS			
Inert Ingredients + Water	Argosy® RF	✘	
Anionic copolymer	AquaBoost AG 30	●	
Pinene (diterpene) Polymers, Mineral oil, alkyl amine ethoxylate	Attach®	●	Use solution within 1-3 hours of mixing

ADJUVANTS & SURFACTANTS

OxiDate 5.0 is not compatible with penetrant adjuvants

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
POLYMERS CONTINUED			
Pinene (polyterpenes) polymers, petrolatum, alkyl amine ethoxylate	Nu-Film® P	●	
Polymer blend	AquaBoost AG 30-NWS	●	
WATER CONDITIONERS			
Ammonium polyacrylates, hydroxy carboxylates and sulphates	ReQUEST®	●	
Ammonium salts of polyacrylic, hydroxy carboxylic and phosphoric acids	Quest®	●	

FERTILIZERS & BIOSTIMULANTS

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
MACRO NUTRIENTS			
Nitrogen, Phosphate	Black Label® 6-22-0	●	
Nitrogen, Phosphate, Zinc, Humic substance derived from Leonardite	Black Label® Zn (6-20-0 + 0.77 Zn)	✘	
Calcium, Nitrogen	Calcium nitrate	●	
Nitrogen, Calcium	Calcium Metalosate® (CML)	●	
Nitrogen, Phosphate, Potash, Sulfur, Iron, Manganese, Zinc	FertiRain 12-3-3	✘	
Nitrogen, Zinc	Foli-Gro Tidalwave 5-0-0	●	
Nitrogen, Phosphate, Potash, Phosphorous, Potassium	Grower's Mineral Solutions	✘	
Nitrogen, Soluble Potash	LOKOMOTIVE® (2-0-25)	✘	
Potassium	Potassium Acetate (ACE 29)	●	Use solution within 1 hour of mixing
Nitrogen, Phosphorus, Potash, Boron, Copper, Manganese, Zinc	NACHURS Finish Line®	●	
Soluble Potash	NACHURS K-Fuel®	●	
Nitrogen, Phosphate, Soluble Potash, Sulfur	NACHURS Triple Option®	●	
Nitrogen, Phosphate, Soluble Potash, Boron, Copper, Iron, Manganese, Molybdenum, Zinc	Nutri-Leaf® 20-20-20	●	Do not exceed Nutri-Leaf 20-20-20 rate of 5 lbs./100 gallons of water, Use solution within 1 hour of mixing
Phosphate, Soluble Potash, Boron, Molybdenum	NutriSync® 3D	✘	
Nitrogen, Phosphate, Potash	Sure-K® 2-1-6	●	
Urea Ammonium Nitrate	UAN (28-32)-0-0	●	Do not exceed OxiDate 5.0 rate of 0.5% v/v (64 fl. oz. per 100 gallons of water)
Nitrogenous waste	Urea	●	
Phosphate, Potash	Utilize® PK 0-3-2	●	
MINOR NUTRIENTS			
Copper	AGRO-MOS® Copper	●	
Calcium, Sulfur	Calcium sulfate	✘	

FERTILIZERS & BIOSTIMULANTS

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
MINOR NUTRIENTS CONTINUED			
Iron, Magnesium, Zinc	Keyplex® 120	●	
Calcium	LiberateCa	✘	
Calcium	Metalosate Calcium 2-0-0	●	
Copper	Metalosate Copper	●	
Iron	Metalosate Iron	✘	
Magnesium	Metalosate Magnesium	●	
Manganese	Metalosate Manganese	●	Use solution within 1 hour of mixing
Zinc	Metalosate Zinc	●	
Boron	MicroLink Boron	●	
Magnesium Sulfate	Mg Sulfate 9.8% (Epsom Salt)	●	
Manganese Sulfate	Mn Sulfate 32%	●	Use solution within 1 hour of mixing
Nitrogen, Boron, Molybdenum	eXploit® 5-0-0	●	
Zinc, Sulfur	Zn Sulfate 35.5%	●	
BIOSTIMULANTS			
Linoleic Acid, Oleic Acid, Lauric Acid, Phosphatidic Acid, Phosphatidylethanolamine	Parka®	●	
Nitrogen, Calcium, Zinc	CalOx® FT	●	
Kelp	Maritime®, Oceano-Max	●	
Humic Acid	OmniPro™	●	
	Other Brands		
Compost Tea	Various Brands		Contact BioSafe Systems for further instructions
Fulvic Acid	Various Brands		

PLANT GROWTH REGULATORS (PGRS) & PLANT SUPPLEMENTS

ACTIVE INGREDIENT(S)	BRAND NAME(S)	COMPATIBILITY	NOTES
Indolebutyric acid + Cytokinin as Kinetin	Radiate®	●	
Gibberellic acid	ProGibb® LV Plus	●	

COMPATIBILITY KEY

● Yes ● See notes ✘ No



Product Performance Considerations

Compatibility of OxiDate® 5.0 has **not been fully evaluated with all potential tank-mix partners**, nor has **crop safety** been tested on all crops, varieties, or under all conditions of use. The information in this guide is based on limited physical compatibility testing conducted in **one-to-one mixtures** with OxiDate 5.0.

Physical Compatibility Jar Test: Verify the physical compatibility of intended tank mix partners prior to use. A jar test can help identify undesirable physical effects such as separation, settling, or flocculation. Mixtures containing more than one chemistry have not been evaluated by BioSafe Systems.

Chemical Compatibility: Chemical incompatibility may occur even when no visible signs of separation are present. Such interactions can alter the efficacy or performance of one or more products in the tank mix. BioSafe Systems cannot guarantee chemical compatibility.

Plant Sensitivity Test Patch: Phototoxicity can occur from a variety of factors. It is essential to thoroughly evaluate tank mixes over several days.



This compatibility guide is only intended for use with OxiDate 5.0. Contact your BioSafe Systems technical representative for more detailed tank-mix instructions and to learn more about product interactions prior to mixing and applying tank-mix solutions. Consult the BioSafe Systems' OxiDate 5.0 Compatibility Guide prior to tank-mixing with commonly used pesticides. Always read and follow labels instructions. Jar tests should be conducted when combining products to ensure compatibility before tank-mixing. All products, including tank-mixes, should be tested for phytotoxicity before widespread use. AG2562



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