

Great Land Tank-Mixing Compatibility Register

The following compatibility test results simulate mixing Great Land with the listed product (reagent) in a spray tank at concentrations equivalent to the reagents recommended application rate.

The mixture is left to stand for 4 hours, which is considered a reasonable time period in which to spray out.

The reagent is said to be compatible only if there is no observable mortality of Great Land bacteria after 4 hours.

In testing for compatibility of Great Land with chemicals or fertilisers products, every effort is made by Terragen to simulate recommended dosing rates. However, since variations in these rates, or field conditions, may affect the sensitivity of Great Land microbes to the mixture Terragen is unable to accept responsibility for compatibility of the mixtures applied on farm.

Products not included on this Register can be tested for compatibility with Great Land, on request.

Please contact a Great Land representative if you require any further information.



Product type	Product name	Active ingredient	Treatment dosage
Suitable for use – apply ASAP after mixing. Maximum standing time 4 hours.			
Fungicide	Agri-Fos 600	Mono- and di-potassium salts of Phosphorous 45%	800ml/ha in 400L 1:10 GL
Fungicide	Aliette WG	800g/kg Fosetyl-Aluminium	0.9g/L
Fungicide	Captan® 600WD	600g/L captan	125g/100L GL
Fungicide	Captan® 600WD	600g/L captan	250g/100L GL
Fungicide	Chlorothalonil 500 SC	500 g/L CHLOROTHALONIL	2.6L/ha of Chloro + 10L/ha GL + 235L/ha of water
Fungicide	Chlorothalonil 500 SC	500 g/L CHLOROTHALONIL	2. 2.6L/ha of Chloro + 10L/ha GL + 21L/ha of water
Fungicide	Chlorothalonil 500 SC	500 g/L CHLOROTHALONIL	3.5L/ha of Chloro + 5L/ha GL + 21L/ha of water
Fungicide	Dithane Rainshield Neo Tec Fungicide	750g/kg mancozeb	202kg/ha with 40L/ha GL
Fungicide	Kamba 500	250g/L DIFENOCONAZOLE	1.1L/ 40L/ha GL
Fungicide	Norshield® WG	Copper oxide	300g/400L 1:10GL on leaves
Fungicide	Norshield® WG	Copper oxide	750g/400L 1:10GL on leaves
Fungicide	Polygram DF	700g/kg Metiram	2g/L with GL @40L/ha
Fungicide	Previcur	propamocarb 600 g/L	2mL/L
Fungicide	Rovral Liquid	250g/L Iprodione in 332g/L Liquid hydrocarbon	1ml/L
Fungicide	Norshield® WG	Copper oxide	750g/400L 1:10GL on leaves
Fungicide	Zineb (Barmac)	800g/kg Zineb	1.5g/L compatible with GL @40L/ha
Seed dressing fungicide	Baytan® T	150 g/L TRIADIMENOL 4 g/L TRIFLUMURON	5L /ha+ 40L/ha GL
Seed dressing fungicide	Evergol® Prime	240 g/L penflufen	5L /ha+ 40L/ha GL
Seed dressing fungicide	Jockey® Stayer	167 g/L FLUQUINCONAZOLE	1L /ha+ 40L/ha GL

Product type	Product name	Active ingredient	Treatment dosage
Suitable for use – apply ASAP after mixing. Maximum standing time 4 hours.			
Herbicide	Dual Gold®	960g/L S-Metolachlor	250mL/ha
Herbicide	Dual Gold®	960g/L S-Metolachlor	1.45L/ha
Herbicide	Eclipse	714g/L metosulam	35mL/ha
Herbicide	Gesagard®	500 g/L Prometryn	2L/ha
Herbicide	Linuron® DF	500 g/kg Linuron	600mL/ha
Herbicide	Linuron® DF	500 g/kg Linuron	1L/ha
Herbicide	Linuron® DF	500 g/kg Linuron	5L/ha
Herbicide	Monument	100 g/L trifloxysulfuron sodium	1L/ha, 80L/ha Great Land
Herbicide - liquid	Monument®	100 g/L trifloxysulfuron sodium	1L /ha + 40L/ha GL
Herbicide	Oryzalin 500	500g/L Oryzalin	3.5L/ha, 80L/ha Great Land
Herbicide- liquid	Round up **	Glyphosate 41%**	10mL/L
Herbicide	Spray seed® 250	Paraquat dichloride LD50 = 93.4 mg/kgDiquat dibromide LD50 = 214 mg/kg	50L/ha
Herbicide	Spray seed® 250	Paraquat dichloride LD50 = 93.4 mg/kgDiquat dibromide LD50 = 214 mg/kg	100L/ha
Herbicide	Spray seed® 250	Paraquat dichloride LD50 = 93.4 mg/kgDiquat dibromide LD50 = 214 mg/kg	200 L/ha
Herbicide	Status	24% clethodim	500mL/ha
Herbicide	Starane**	333g/L fluroxypyr	100g/ha (Note: Not Compatible at 600ml/ha)
Herbicide	Stomp® 330E	455 g/litre pendimethalin	3.3L/ha+ 40L/ha GL
Herbicide	Ultimate	METSULFURON-METHYL	7.5mL/ha
Non-selective Herbicide	Basta®	200g/L Glufosinate-ammonium	500mL/100L (5000mL/ha)
Non-selective Herbicide	Basta®	200g/L Glufosinate-ammonium	100mL/100L (1000mL/ha)
Selective Herbicide	Kamba	340g/L MCPA present as the dimethylamine salt 80g/l Dicamba present as the dimethylamine salt	560ml/ha + 40L/ha GL
Insecticide	Albatross 200SC	200g/L fipronil suspension concentrate	250ml/ha compatible with 40L/ha GL.
Insecticide	Ambush	500g/L Permethrin	
Insecticide	Avatar®	300 g/kg INDOXACARB	17g/100L (170g/ha)
Insecticide	Avatar®	300 g/kg INDOXACARB	25g/100L (250g/ha)
Insecticide	CHESS® 500 WG	500 g/kg PYMETROZINE	20g/100L (200g/ha)
Insecticide	CHESS® 500 WG	500 g/kg PYMETROZINE	10g/100L (100g/ha)
Insecticide	Confidor®	0.125 g/L IMIDACLOPRID	750ml/ 40L GL/ha
Insecticide	Confidor®	0.125 g/L IMIDACLOPRID	750ml/ 80L GL/ha
Insecticide	Confidor®	0.125 g/L IMIDACLOPRID	1.4L/ 40L GL/ha
Insecticide	Confidor®	0.125 g/L IMIDACLOPRID	1.4L/ 80L GL/ha
Insecticide	Confidor 200SC	200g/L Imidacloprid	1ml/L compatible with GL @40L/ha
Insecticide	Delfin WG Biological Insecticide	<i>Bacillus thuringiensis</i> subspecies <i>kurstaki</i> strain SA-11	0.5g/L with 40L/ha GL
Insecticide	Movento® 240 SC Used without Adjuvant	240 g/L SPIROTETRAMAT	40g/100L (400g/ha)
Insecticide	Movento® 240 SC Used without Adjuvant	240 g/L SPIROTETRAMAT	20g/100L (200g/ha)
Insecticide	Regent 200SC	200 g/L FIPRONIL	5.7mL/3.8L
Insecticide	Shield Systemic Insecticide (Sumitomo Chemicals)**	200 g/L CLOTHIANIDIN	5mL/tree + GL at 1:10 in a final volume of 40mL.
Insecticide	Success Neo	120g/L Spinetoram	200ml/ha +40L/ha GL, 400ml/ha + 40L/ha GL.
Insecticide	Xen Tari WG Bta	Bacillus thuringiensis subsp. Aizawai, serotype H7, STRain ABTS-1857. Minimum potency 35,000 DBM/mg (15,000ITU/mg)	50g/L compatible with 40L/ha GL.

Product type	Product name	Active ingredient	Treatment dosage
Suitable for use – apply ASAP after mixing. Maximum standing time 4 hours.			
Liquid Fert	SprayGro Mollyphos	Mo – 25%, P – 11%	0.03
Liquid Fert	SprayGro N550	N – 30%, S – 20%	0.03
NPKS + organic catalysts	Advanced Complete	NPKS (5-15-35-0) + organic catalysts	5L Advanced Complete / 30L Great Land
Plant growth regulator	Sumagic	50g/L uniconazole	500mL/ha
Foliar Growth Supplement	BioAg Balance & Grow	NPKS (0-4-1-0) + fermented microbial culture	Compatible with GL @ 80L/ha
Salmon hydrolysate	Atlantic salmon hydrolysate	N/A	1:10 dilution applied at 7L/ha
Salmon hydrolysate	Atlantic salmon hydrolysate (N2)	N/A	1:20 dilution applied at 7L/ha + 40L/ha of GL
Wetting agent/surfactant	Activator	900g/L non- ionic surfactant	100L/ha & 200L/ha + GL @40L/ha & 80L/ha with GL@100L/ha.
Wetting agent/surfactant	Uptake	582g/L Paraffinic oil and 240g/L Alkoxylated alcohol	500mL/ha
Wetting agent/surfactant	Hasten	704g/L Ethyl & Methnyl Esters of vegetable oil with 196g/L non-ionic surfactants	300L/ha + GL@ 40L/ha & 20L/ha with GL@100L/ha. 80L/ha with GL@100L/ha (<i>note: not compatible with lower GL rate.</i>)
Adjuvant	Liase (Spraymate)	417g/L Ammonium Sulfate	
N/A	Boomaroo Mix A		5.3L/3000L
N/A	Boomaroo Mix B		5.3L/3000L
Product type	Product name	Active ingredient	Treatment dosage
Not suitable for use			
Fungicide	Acrobat® SC used with Mancozeb	Dimethomorph 50%	36mL/100L + 150g/100L of Mancozeb 800
Fungicide	Acrobat® SC used with Mancozeb	Dimethomorph 50%	18mL/100L + 150g/100L of Mancozeb 800
Fungicide	Amistar	Azoxystrobin 250g/L	0.9g/L
Seed treatment fungicide	Apron XL 350 ES	350 g/L METALAXYL-M	5L /ha
Fungicide	Digger	250g/L DIFENOCONAZOLE	500mL/40L GL/ha
Fungicide	Galleon	720 g/L ETHEPHON (an anti-cholinesterase compound)	1.3L/40L GL/ha
Fungicide	HDH Peroxy	Hydrogen Dioxide 27%	2.5mL/L with GL @40L/ha
Fungicide	Kocide Blue Xtra	350g/kg Copper present as cupric hydroxide	2g/L with GL@ 40L/ha
Fungicide	Mancozeb 750	Mancozeb 640g/kg	300g/100L (3000g/ha)
Fungicide	Mancozeb 750	Mancozeb 640g/kg	200g/100L (2000g/ha)
Fungicide	Mancozeb 750	Mancozeb 640g/kg	150g/100L (ornamental flowers)
Fungicide	Ridomil Gold®	Metalaxl-M 47.6%	0.625Kg/ha
Fungicide	Ridomil Gold Plus®	Metalaxyl-M 2.5%, copper oxychloride 69%	2kg/ha with 40L/ha GL
Fungicide	Shirtan	120g/L Mercury (Hg) present as Methoxyethyl Mercuric Chloride. Also contains 1749g/L Methanol.	250ml/250L & 80ml/ha with GL@40L/ha.
Fungicide	Thiragranz	Thiram 800g/kg	2g/l with 40L/ha GL
Fungicide	Throw Down	400g/L Phosphorous (Phosphonic acid) present as mono & dipotassium phosphite	5ml/L with GL @40L/ha
Fungicide	Tilt®	Propiconazole	120mL/70L GL/ha
Fungicide	Tri-Base Blue	250g/L DIFENOCONAZOLE	450mL/100L of water

Product type	Product name	Active ingredient	Treatment dosage
Not suitable for use			
Herbicide	Asulox	40g/L asulam	2L/ha
Herbicide	Atrazine	40.8% Atrazine: 2-chloro-4 ethylamino-6-isopropylamino-s-triazine	1.5Kg/ha
Herbicide	Atrazine	40.8% Atrazine: 2-chloro-4 ethylamino-6-isopropylamino-s-triazine	3.3Kg/ha
Herbicide	Barricade Turf Herbicide	480 g/L Prodiamine	1L/ha and 4L/ha +40L/ha Great Land
Herbicide	Broadleaf Custom Spearhead Mix	MCPA 2-methyl-4-chlorophenoxyacetic acid Lontrel (Clopyralid) 3,6-Dichloro-2-pyridinecarboxylic acid Hammer Carfentrazone-ethyl	2L/ha 150ml/ha 35ml
Herbicide	Command	31.4% clomazone	400mL/ha
Herbicide	Kamba 500**	500g/L Dicamba as dimethylamine salt	3.6L and 8.8L / 40L/ha GL
Herbicide	Lemat	290g/L omethoate	100mL/ha
Herbicide	Lontrel	clopyralid 300g/L	50mL/ha
Herbicide	Sencor	41% Metribuzin	350ml/ha + 40L/ha GL
Herbicide	Round up **	Glyphosate 41% **	15mL/L
Herbicide	Reglone	200 g/l (16.7% w/w) diquat as dibromide	700mL/ha
Herbicide	Status	24% clethodim	500mL/ha
Herbicide	Starane	333g/L fluroxypyr	600mL/ha (Note: Compatible at 100g/ha)
Herbicide	Simazine® 900 WDG	Simazine 42.1%	1.2kg/ha
Herbicide	Simazine® 900 WDG	Simazine 42.1%	2.2kg/ha
Herbicide	Verdict	520g/L haloxyfop	250mL/ha
Insecticide	Ambush	500g/L Permethrin	10ml in 100L water + 40L/ha GL, 100ml in 600ml water + 40L/ha GL
Insecticide	Dimethoate	400g/L DIMETHOATE	1.125L/ 40L GL/ha
Insecticide	Dominex Duo	100g/L Alpha-cypermethrin in 741.9g/L liquid hydrocarbon	400ml/ha & 500ml/ha with 40L/ha GL
Insecticide	Talstar	7.9% bifenthrin	40mL/ha
Insecticide	Lorsban	480 g/L Chlorpyrifos	1L/ha + 40L/ha GL
Insecticide	Proclaim	44g/kg emamectin present as emamectin benzoate	0.25g/L with 40L/ha GL
Insecticide	Shield Systemic Insecticide (Sumitomo Chemicals)**	200 g/L CLOTHIANIDIN	10mL/tree + GL at 1:10 in a final volume of 40mL.
Liquid Fert	Marlin Blue (Soils First)	NPK	250L/ha with GL @40L/ha.
Liquid Fert	SprayGro Boly 5:3	N – 3%, B – 5%, Mo – 3%	0.03
Liquid Fert	SprayGro Boron15	N – 6%, B – 15%	0.03
Liquid Fert	SprayGro Nitrasulf	N – 16%, S – 34%	0.03
Liquid Fert	SprayGro Smartrace Cu	S – 2.5%, Cu – 5%	0.03
Liquid Fert	SprayGro Smartrace Zn	S – 4.9%, Cu – 10%	0.03
Liquid Fert	SprayGro Smartrace Zn/Cu	S – 4.5%, Cu – 3%, Zn – 6%	0.03
Urea	All urea products	In general, all urea products are incompatible with Great Land. Specific products can be tested on request.	
Liquid NP	BangP	NPKS 13-19-0-0 + organic catalysts (w/v) N – NH4+, P – P2O5	15L/ha + 40L/ha Great Land
Wetting agent/Surfactant	Activator	900g/L non- ionic surfactant	100mL/ha
Wetting agent/Surfactant	Deluge	100% alkoxy-ether surfactant	300mL/ha
Wetting agent/Surfactant	DI700	350g/L Lecithin	200L/ha with GL@40L/ha & 80L/ha with GL@100L/ha.
Adjuvant	Liase (Spraymate)	417g/L Ammonium Sulfate	200L/ha & 80L/ha with GL @40L/ha

** Compatible only with low dilutions.

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