

## BiOWiSH® Crop Liquid Compatibility

### Material Compatibility

This technical bulletin summarizes the compatibility of BiOWiSH® Crop Liquid with a number of carriers, fertilizers, additives, and excipients. For material compatibilities not listed here or in other technical bulletins, please contact BiOWiSH Technologies at [agronomy@biowishtech.com](mailto:agronomy@biowishtech.com). Technical bulletins are available at [biowishtech.com/resources](http://biowishtech.com/resources).

#### TANK MIXES

**BiOWiSH® Crop Liquid Tank Mix Compatibility Table**

Material	Compatible	Shelf Life of Tank Mix
<b>Liquid Fertilizers</b>		
0-0-15	Yes	1 year
0-0-21	Yes	1 year
0-0-46	Yes	3 months
0-60-0	Yes	6 hours
4-12-4	Yes	6 months
6-2-1	Yes	6 months
10-10-10	Yes	6 months
10-34-0	Yes	9 months
12-4-8	Yes	6 months
28-0-0 (UAN)	Yes	1 year
32-0-0 (UAN)	Yes	1 year
Calcium Ammonium Nitrate Liquid	Yes	1 year
Ethanol Derived Fertilizers	Yes	1 month
Humic and Fulvic Acid Products	Yes	6 months
Phosphite	Yes	14 days
Phosphite + Metalaxyl-M	Yes	14 days
<b>Fungicides</b>		
Chlorothalonil	Yes	14 days
Carbendazim	Yes	2 months
Copper Hydroxide	Yes	3 days
Difenoconazole	Yes	2 days
Fluopyram	Yes	14 days
Mancozeb	Yes	3 months
Metalaxyl-M	Yes	2 days
Mefenoxam	Yes	14 days
N-trichloromethyl thio-4-cyclohexene-1,2-dicarboximide	Yes	6 hours
Pyraclostrobin	Yes	6 hours
<b>Herbicides</b>		
2,4-D	Yes	14 days
Ammonium Salt of Imazapic	Yes	3 months
Atrazine	Yes	10 days
Butachlor	Yes	14 days
Glufosinate-ammonium	Yes	14 days
Glyphosate	Yes	21 days
MSM	Yes	1 month

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Paraquat	Yes	14 days
Pendimethalin	Yes	14 days
SoFit 300	Yes	14 days
<b>Insecticides</b>		
Acephate	Yes	14 days
Bifenthrin	Yes	14 days
Imidacloprid	Yes	14 days
Spinosad	Yes	14 days

## CARRIER PARTICLES

**BiOWiSH® Crop Liquid Carrier Particle Compatibility Table**

Material	Compatible	Shelf Life of Coated Carrier
100% Ammonium Sulfate	Yes	3 months
Ammonium Sulfate in blends with up to 50% Ammonium Sulfate	Yes	1 year
Ammonium Nitrate	Yes	1 year
Biosolids - Animal and Municipal	Yes	1 year
Calcium Ammonium Nitrate Solid	Yes	1 year
Calcium Sulfate (Gypsum)	Yes	1 year
Compound NPK	Yes	1 year
Copper Hydroxide	Yes	1 year
Diammonium phosphate (DAP)	Yes	1 year
Diatomaceous Earth	Yes	1 year
Dolomite	Yes	1 year
Kaolin	Yes	1 year
Magnesium Sulfate	Yes	75 days
Monoammonium phosphate (MAP)	Yes	1 year
Muriate of Potash (MOP) - Granular	Yes	1 year
NPK blends	Yes	1 year
Potassium Chloride (KCl) - Granular	Yes	1 year
Potassium Nitrate	Yes	1 year
Red Potash	Yes	1 year
Sodium Sulfate	Yes	1 year
Sulfate of Potash (SOP)	Yes	1 year
Single Superphosphate	Yes	1 month
Triple Superphosphate and Double Superphosphate	Yes	1 month
Urea	Yes	1 year
White Potash	Yes	6 months



## DRYING AGENTS

BiOWiSH® Crop Liquid Drying Agent Compatibility Table		
Drying Agent Material	Soluble Y/N	Shelf Life of Drying Agent
Ammonium Sulfate	No	1 year
Calcium Sulfate (Gypsum)	No	1 year
Diatomaceous Earth	No	1 year
Dolomite	No	1 year
Kaolin Clay	No	1 year
Magnesium Sulfate	Yes	1 year
Potassium Sulfate	Yes	6 months
Sodium Sulfate	Yes	6 months

Solid fertilizers coated with BiOWiSH® Crop Liquid have a shelf life up to two years when packaged in a suitable bag and stored as directed, provided that the uncoated fertilizer's physical integrity specifications allow. The stability of BiOWiSH® coated fertilizers stored and handled in unpackaged bulk volumes varies by climate and operational practices.

### Technical Support

Please contact a distributor near you, email [agronomy@biowishtech.com](mailto:agronomy@biowishtech.com), or visit our website at [biowishtech.com](http://biowishtech.com) for technical support. The addition of BiOWiSH® does not require a drying agent nor replace a drying agent if currently being used in the production process. If a drying agent is being used in a large-scale production process, apply BiOWiSH® prior to adding drying agents. BiOWiSH® product compatibility is based on common industry management practices. All risks shall be assumed by buyer and user.