

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

****Please Refer to Manufacturer Label for Storage Recommendations****

HERBICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Accurate	Metsulfuron	Cool Dry Place	
2,4-D Amine 600	2,4-D Amine	Do Not Freeze	Store > 5° C to prevent freezing
2,4-D Amine 600 Agristar	2,4-D Amine	Do Not Freeze	Store > 5° C to prevent freezing
2,4-D Amine 600 USHA	2,4-D Amine	Do Not Freeze	Store > 5° C to prevent freezing
2,4-D Ester 700 Salvo	2,4-D Ester	May Be Frozen	Will be usable again at temps above 0° C
2,4-D Ester 700 Agristar	2,4-D Ester	May Be Frozen	Will be usable again at temps above 0° C
2,4D Ester Lima 660 EC	2,4-D Ester	May Be Frozen	Will be usable again at temps above 0° C
Aim EC	Carfentrazone	Cool Dry Place	Store > 5° C to prevent freezing
Authority 480	Sulfentrazone	Cool Dry Place	Store > 5° C to prevent freezing
Authority Supreme	Sulfentrazone/Pyrox	Cool Dry Place	Store > 5° C to prevent freezing
Avadex Microactiv	Triallate	May Be Frozen	
Avadex Liquid EC	Triallate	May Be Frozen	If frozen, warm to 22° C and agitate
Basket 2XL	Oxyfluorfen	Do Not Freeze	Store > 0° C to prevent freezing
Benta	Bentazon	Cool Dry Place	Freezing will not affect activity
Benz	Bentazon + Imazamox	Do Not Freeze	Store > 5° C to prevent freezing
Bonanza 10G	Trifluralin	Cool Dry Place	
Bonanza 480	Trifluralin	Do Not Freeze	Store > 5° C to prevent freezing
Bromoxynil 240 EC	Bromoxynil	May Be Frozen	Will be usable again at temps above 0° C
Brillant 280 /280	Bromoxynil + MCPA	May Be Frozen	Will be usable again at temps above 0° C
Bromoxynil MCPA 225/225	Bromoxynil + MCPA	May Be Frozen	Will be usable again at temps above 0° C
Caliber 625	2,4-DB	May Be Frozen	Will be usable again at temps above 0° C
Carfentrazone Max 240 EC	Carfentrazone ethyl	Cool Dry Place	Store > 5° C to prevent freezing
Certain	MCPA / Clopyralid	Cool Dry Place	Store > 5° C to prevent freezing
Clariant	Chlorimuron-ethyl	Cool Dry Place	Store > 5° C to prevent freezing
Cleat	Thribenuron -Methyl	Cool Dry Place	
Clethodim 240 Co-Pak	Clethodim + Surf-Act	May Be Frozen	Will be usable again at temps above 0° C
Clethodim 240 Big Boy Co-Pak	Clethodim + Surf-Act	May Be Frozen	Will be usable again at temps above 0° C
Clethodim Advantage	Clethodim + Surf-Act	May Be Frozen	Will be usable again at temps above 0° C
Clopyralid 360 Advantage	Clopyralid	Cool Dry Place	Store > 5° C to prevent freezing
Czar	Clomazone	Cool Dry Place	Store > 5° C to prevent freezing
Command 360 ME	Clomazone	Cool Dry Place	Store > 5° C to prevent freezing
Dacthal W-75	Chlorthal	Cool Dry Place	Store > 5° C to prevent freezing
Dessicash Desiccant 240	Diquat	Cool Dry Place	Store > 5° C to prevent freezing

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

HERBICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Devrinol 2-XT	Napropamide	Cool Dry Place	Store > 5° C to prevent freezing
Diquat 240 Advantage	Diquat	Cool Dry Place	Store > 5° C to prevent freezing
Disha 480	Dicamba	May Be Frozen	Will be usable again at temps above 0° C
Draft	Thribenuron Trifensuluron	Cool Dry Place	
Ecoclear	Acetic Acid	Cool Dry Place	Store > 5° C to prevent freezing
Edge MicroActiv	Ethalfuralin	May Be Frozen	
Elegant 10EC	Quizalofop	Do Not Freeze	Store > 5° C to prevent freezing
Elegant Co Pack with MSO	Elegant plus MSO	Do Not Freeze	Store > 5° C to prevent freezing
Eptam 8E	EPTC	May Be Frozen	
Ethalfuralin MC	Ethalfuralin	Warm Dry Place	Store > 5° C to prevent freezing
FBM Mega Pack Agristar	Fluroxypyr 180g/l, Bromoxynil + MCPA	Cool Dry Place	Store > 5° C to prevent freezing
Flag LQD	S-metolachlor + R-enantiomer + Metribuzin	Cool Dry Place	Store > 5° C to prevent freezing
Flora	Florasulam 50SC	Cool Dry Place	Store > 5° C to prevent freezing
Fluro + D Agristar	Fluroxypyr, 2,4-D Ester	May Be Frozen	Will be usable again at temps above 0° C
Fluro + D Mega Pack Agristar	Fluroxypyr, 2,4-D Ester	May Be Frozen	Will be usable again at temps above 0° C
Focus	Pyrox/ Carfioenzone	Cool Dry Place	Store > 5° C to prevent freezing
Fortress MicroActiv	Triallate	May Be Frozen	
Glyphosate 360	Glyphosate	May Be Frozen	
Ikwin	Fluroxypyr	Cool Dry Place	Store > 5° C to prevent freezing
Impact	Topramezone	Cool Dry Place	
Inertia	Fluroxypyr, Chopyralid	Cool Dry Place	Will be usable again at temps above 0° C
Ingenious 75DF	Quinclorac	May Be Frozen	
Judo (40 acre pack)	Imazamox, Imazethapry	Cool Dry Place	Store > 5° C to prevent freezing
Lorox L 480	Linuron	Do Not Freeze	Store > 5° C to prevent freezing
Mad Dog K Plus 540	Glyphosate	May Be Frozen	
Magna	Glyphosate, Metalachlor, Mesotrione	May Be Frozen	Will be usable again at temps above 0° C
MCPA Amine 600	MCPA Amine	Do Not Freeze	
MCPA Amine 600 Agristar	MCPA Amine	Do Not Freeze	
MCPA Ester 600 Checkmate	MCPA Ester	May Be Frozen	
MCPA Ester 600 Agristar	MCPA Ester	May Be Frozen	
Media (MCPA Ester 600)	MCPA Ester	May Be Frozen	

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

HERBICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
MCPA Sodium 300	MCPA Sodium	Do Not Freeze	
Mecoprop-P	Mecoprop-P	Cool Dry Place	Store > 5° C to prevent freezing
Mester 480	Mesotrione	May Be Frozen	Will be usable again at temps above 0° C
Mester Rim	Mesotrione, Rimsulfuron	May Be Frozen	Will be usable again at temps above 0° C
Metallica	S- Metolachor	Do Not Freeze	Store > 5 degrees C to prevent freezing
Metrix 480 SC	Metribuzin	Cool Dry Place	Will be usable again at temps above 0° C
Metrix 75 DF	Metribuzin	May Be Frozen	
Next 70 WDG	Imazamox	Do Not Freeze	Store > 5° C to prevent freezing
Nicossh 75	Nicosulfuron 75%	Cool Dry Place	
Oracle	Dicamba	May Be Frozen	Will be usable again at temps above 0° C
PAR III	Dicamba, 2,4-D, Mecoprop	Do Not Freeze	Store > 5° C to prevent freezing
Penshui	Pendimethalin	May Be Frozen	Will be usable again at temps above 0° C
Pyralid	Clopyralid	Cool Dry Place	Store > 5 degrees C to prevent freezing
Rimsulfuron 25 WDG	Rimsulfuron	Cool Dry Place	
Sandea	Halosulfuron	Cool Dry Place	
Simazine Liquid 480	Simazine	Do Not Freeze	Store > 5° C to prevent freezing
Slam R AgriStar	Clodinafop-Propargyl	May Be Frozen	Will be usable again at temps above 0° C
Steel	Florasulum + Fluroxypyr	May Be Frozen	Will be usable again at temps above 0° C
Sword	MCPA, Mecoprop, Dicamba	Do Not Freeze	Store > 5° C to prevent freezing
Tribe	Tribenuron	Cool Dry Place	

FUNGICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Azoshy 250SC	Azoxystrobin	Do Not Freeze	Store > 5° C to prevent freezing
Button	Fludioxnil, Cyprodinil	Do Not Freeze	Store > 5° C to prevent freezing
Captan 480 SC	Captan	May Be Frozen	Will be usable again at temps above 0° C
Supra Captan 80 WSP	Captan	Cool Dry Place	
Contans WG	Coniothyrium minitans	Should be Frozen	
Copper Spray	Copper Oxychloride	Cool Dry Place	Store > 5° C to prevent freezing
Copper 53 WP	Copper Sulphate	Cool Dry Place	Store > 5° C to prevent freezing
Coppercide	Copper Hydroxide	Cool Dry Place	Store > 5° C to prevent freezing
Decree	Fenhexamid	Cool Dry Place	Store > 5° C to prevent freezing
Double Nickel LC	Bacillus Amyloliquefaciens	Cool Dry Place	Store > 5° C to prevent freezing
Double Nickel 55 WDG	Bacillus Amyloliquefaciens	Cool Dry Place	Store > 5° C to prevent freezing

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

FUNGICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Echo 90 WSP	Chlorothalonil	May Be Frozen	Will be usable again at temps above 0° C
Echo NP	Chlorothalonil	May Be Frozen	Will be usable again at temps above 0° C
Echo 720	Chlorothalonil	May Be Frozen	Will be usable again at temps above 0° C
Emissarius (250 g/L)	Azoxystrobin	Do Not Freeze	Store > 5° C to prevent freezing
Follow WDG	Folpet	May Be Frozen	Will be usable again at temps above 0° C
Fungtion	Azoxystrobin, Propiconazole	Cool Dry Place	Store > 5° C to prevent freezing
Gavel 75 DF	Zoxamide, Mancozeb	May Be Frozen	Will be usable again at temps above 0° C
Impala 400	Pyrimethanil	Do Not Freeze	Store > 5° C to prevent freezing
LifeGard WG	Bacillus mycooides	Do Not Freeze	Store > 5° C to prevent freezing
Microscopic Sulfur	Sulphur	May Be Frozen	Will be usable again at temps above 0° C
Preach	Pyraclostrobin	Cool Dry Place	Store > 5° C to prevent freezing
Princeton 418	Propiconazole	Do Not Freeze	Store > 5° C to prevent freezing
Propi Super 25EC	Propiconazole	Do Not Freeze	Store > 5° C to prevent freezing
Rampart	Phos Acid	Do Not Freeze	Store > 5° C to prevent freezing
Shalimar 250 EC	Tebuconazole , Prothioconazole	Do Not Freeze	Store > 5° C to prevent freezing
Streptomycin 17	Streptomycin	Do Not Freeze	Store > 5° C to prevent freezing
Tebbie 250	Tebuconazol	Do Not Freeze	Store > 5° C to prevent freezing
Thief 50 SC	Thiophate-methyl	Do Not Freeze	Store > 5° C to prevent freezing

INSECTICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Aceta 70	Acetamiprid 70 WP	Cool Dry Place	
Beleaf	Fonicamid	Cool Dry Place	
Confirm 240F	Tebufenozide	Cool Dry Place	
Cormoran	Acetamiprid, Novalron	Do Not Freeze	Store > 5° C to prevent freezing
Cyrus	Cyromazine	Cool Dry Place	
Dibrom 9.6	Naled	Cool Dry Place	Store > 5° C to prevent freezing
Double Down Summer Oil	Mineral Oil	Do Not Freeze	Store > 5° C to prevent freezing
Electricide SC	Bifenazate	Cool Dry Place	Store > 5° C to prevent freezing
Imidan Instapak 70WP	Phosmet	Do Not Freeze	Store > 5° C to prevent freezing
Labamba 120	Lambda	May Be Frozen	Will be usable again at temps above 0° C
Lagon 480	Dimethoate	Do Not Freeze	Store > 5° C to prevent freezing
Lime Sulfur 30%	Calcium Polysulphide	Do Not Freeze	Store > 5° C to prevent freezing
Malathion 85EC	Malathion	Do Not Freeze	Store > 5° C to prevent freezing
Malathion Grain Dust	Malathion	May Be Frozen	Will be usable again at temps above 0° C

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

INSECTICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Nexter SC	Pryidaben	Cool Dry Place	Store > 5° C to prevent freezing
Poleci 2.5 EC	Deltamethrin	Do Not Freeze	Store > 5° C to prevent freezing
Pounce	Permethrin	Do Not Freeze	Store > 5° C to prevent freezing
Pyrate 480 EC	Chlorpyrifos	Do Not Freeze	Store > 8° C to prevent freezing
Sevin XLR Plus	Carbaryl	May Be Frozen	Will be usable again at temps above 0° C
Sharphos	Chlorpyrifos	Do Not Freeze	Store > 8° C to prevent freezing
Ship 250	Cypermethrin	Do Not Freeze	Store > 5° C to prevent freezing
Spiro 240	Spirodiclofen	Do Not Freeze	Store > 5° C to prevent freezing
Superior Oil 70	Mineral Oil	Do Not Freeze	Store > 5° C to prevent freezing
Theme	Thiacloprid	Do Not Freeze	Store > 5° C to prevent freezing
Trounce	Pyrethrin	Do Not Freeze	Store > 5° C to prevent freezing

ADJUVANTS / SURFACTANTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Ammonium Sulphate - AMS	Ammonium Sulphate	Do Not Freeze	Store > 5° C to prevent freezing
LI 700 Surfactant with Leci-Tech	Methylacetic acid, processed Lecithin surfactant	Do Not Freeze	Store > 5° C to prevent freezing
Liberate with Leci-Tech	Lecithin, methyl esters of fatty acids, alcohol ethoxylate	Do Not Freeze	Store > 5° C to prevent freezing
MSO with Leci-Tech	Methylated Seed oil of Soybean	Do Not Freeze	Store > 5° C to prevent freezing
Super Spreader	Octyl phenoxy polyethoxy ethanol	Cool Dry Place	Store > 5° C to prevent freezing
UAN Solution	UAN 28%	May Be Frozen	Will be usable again at temps above 0° C
XA Oil Concentrate	Solvent - refined paraffinic distillates	May Be Frozen	Will be usable again at temps above 0° C

SPRAYING AIDS / ADJUVANTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
All Clear Tank Cleaner	Sodium dodecylbenzenesulfonate, 2-Aminoethanol	Do Not Freeze	Store > 5° C to prevent freezing
Aquamark Blue WSP	Blue colorant	Do Not Freeze	Store > 5° C to prevent freezing
Blue Trax HC	Blue colorant	Cool Dry Place	
Choice Weather Master	Am Sulphate, Propionic Acid, Am Hydroxide	Cool Dry Place	

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

SPRAYING AIDS / ADJUVANTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Fighter F	Dimethylpolysilone, Polypropylene glycol	Do Not Freeze	Store > 5° C to prevent freezing
Flush	Ammonia	Do Not Freeze	Store > 5° C to prevent freezing
Playoff / Scent Wintergreen	Fragrance with emulsifiers	Do Not Freeze	Store > 5° C to prevent freezing
Trekker Trax Foam Marker	Alcohol- Surfactant mixture	Do Not Freeze	Store > 5° C to prevent freezing
Valid Drift Retardant with Leci-Tech	Lecithin Tech and other proprietary ingredients	Do Not Freeze	Store > 5° C to prevent freezing

HARVEST AIDS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
PodStik	Synthetic latex, Alcohol Ethoxylate	Cool Dry Place	

WETTING AIDS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Respond 3	Polyhydroxethyl Alkoxy Alkylene Oxides	Do Not Freeze	Store > 5° C to prevent freezing
Respond 3	Polyhydroxethyl Alkoxy Alkylene Oxides	Do Not Freeze	Store > 5° C to prevent freezing
Spot Treatment Tablets (STT)	Polyhydroxethyl Alkoxy Alkylene Oxides	Cool Dry Place	

SEED TREATMENTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Awaken ST	Zinc Ammonium Acetate	Do Not Freeze	Store > 5° C to prevent freezing
Cover 2	Metalaxyl, Iponazole	Do Not Freeze	Store > 5° C to prevent freezing
Lixar Pro	Metalaxyl, Tebuconazole, Prothiocazole	Do Not Freeze	Store > 5° C to prevent freezing
Meteb 11ST	Tebuconazole/Metalaxyl	Do Not Freeze	Store > 5° C to prevent freezing
Pencozeb 80 WP	Mancozeb	May Be Frozen	Will be usable again at temps above 0° C
Telex	Metalaxyl	Do Not Freeze	Store > 5° C to prevent freezing
Vitaflo	Carbathiin, Thiram	May Be Frozen	Will be usable again at temps above 0° C

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

FUMIGANTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
General Storage Disinfectant	Dimethyl benzyl ammonium chloride	Do Not Freeze	Store > 5° C to prevent freezing
Vapam HL 42%	Metam Sodium	Do Not Freeze	Store > 5° C to prevent freezing

FERMENTATION TECHNOLOGY & BIO-STIMULANTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Crop Set (Dicots)		Do Not Freeze	Store > 5° C to prevent freezing
Grain Set		Do Not Freeze	Store > 5° C to prevent freezing
Liqui Plex Zn	Amino Acids	Do Not Freeze	Store > 5° C to prevent freezing
Natures Basics 2X (Monocots)		Do Not Freeze	Store > 5° C to prevent freezing
Soil Set	Fermentation Metabolites	Do Not Freeze	Store > 5° C to prevent freezing

GROWTH REGULATORS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Fruitone-L	Sodium salt of 1-Naphthalenaecetic acid	Cool Dry Place	Store > 5° C to prevent freezing
Pfizol 10	Fatty Alcohol	May Be Frozen	Will be usable again at temps above 0° C
Radiate	3-Indolebutyric acid + Kinetin	Do Not Freeze	Store > 5° C to prevent freezing
Sprout Nip EC	Isopropyl 3-chlorocarbanilate	Cool Dry Place	

RODENTICIDES

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Deadline M-PS	Metaldehyde	Cool Dry Place	
Havoc Bait Pack (Commercial)	Brodifacoum	Cool Dry Place	
Havoc XT Blok (Commercial)	Brodifacoum	Cool Dry Place	
Havoc XT (Pails)	Brodifacoum	Cool Dry Place	
Ramik Brown	Diphacinone	Cool Dry Place	
Ramik Green	Diphacinone	Cool Dry Place	
Ramik Pre-Baited Station	Diphacinone	Cool Dry Place	
Rodent Bait Meal (Waxed Corn)	Zinc Phosphide	Cool Dry Place	
Rodent Bait Pellets	Zinc Phosphide	Cool Dry Place	

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

PLANT NUTRIENTS

STARTERS- EARLY SEASON PRODUCTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Awaken 16-0-02 with micros	Zinc Ammonium Acetate	Do Not Freeze	
Actagro Liquid Humus 22%		Do Not Freeze	Requires Recirculation in Spring
Structure 7-21-0 + Zn 0.2		Do Not Freeze	Requires Recirculation in Spring

LIQUID MICRO-NUTRIENTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Borosol 10%		Do Not Freeze	
Copper 5%		Do Not Freeze	
Copper 5%		Do Not Freeze	
Manganese 4%		Do Not Freeze	
Manganese 5%		Do Not Freeze	
Molytrac 15%		Do Not Freeze	
Zinc 6.5%		Do Not Freeze	

WATER SOLUBLE NUTRIENTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Manganese 22%	Manganese	Cool Dry Place	

SECONDARY NUTRIENTS - LIQUIDS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
SST Calcium 8%		Do Not Freeze	
Magnesium 4%		Do Not Freeze	
SureMag 6%	Magnesium Acetate	Do Not Freeze	
Wuxal Calcium	Calcium + Micro Blend	Do Not Freeze	

LIQUID NPK

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Green With Envy 16-8-3 with Micros		Do Not Freeze	
Katalyst 0-0-25 with 5% AOA		Do Not Freeze	Requires Recirculation in Spring
N-PHURIC 15/49		Do Not Freeze	
Re-Nforce K		Do Not Freeze	Requires Recirculation in Spring

2022 WINTER STORAGE GUIDELINES



**** This Winter Storage Chart is a Guideline Only - Updated November 26, 2021****

GRANULAR NUTRIENTS

PRODUCT DESCRIPTION	ACTIVE INGREDIENT PROPERTIES	WINTER STORAGE	NOTES:
Cameron Boron 15		May Be Frozen	
Cameron Boron15		May Be Frozen	
AMP Copper 12 13% S, 6% Zn		May Be Frozen	
AMP Copper 12 13% S, 6% Zn		May Be Frozen	
AMP EZ20 Essential Zinc 2% N, 14% S		May Be Frozen	
AMP EZ20 Essential Zinc 2% N, 14% S		May Be Frozen	