

# 2024 Winter Storage Guidelines

Updated January 2025

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## Herbicides

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
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
Accurate	Metsulfuron	Cool Dry Place	
Aim EC	Carfentrazone	Cool Dry Place	Store > 5° C to prevent freezing
Audible	Thifensulfuron methyl 50% / Tribenuron methyl 25% & Fluroxypr	Heated Storage, but can be frozen	If frozen, warm to 22° C and agitate
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 Super	Bentazon	Cool Dry Place	If frozen, warm to 22° C and agitate
Benz	Bentazon + Imazamox	Do Not Freeze	Store > 5° C to prevent freezing
Bombard 50 SC	Florasulam 50SC	Dry Heated Storage	Store > -10, if frozen, warm to 22° C and agitate
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
Broadloom -WSL	Bentazon	May Be Frozen	If frozen, warm to 22° C and agitate
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
Caravel	Clomazone	Cool Dry Place	Store > 5° C to prevent freezing
Davai 80 SL	Imazamox	Cool Dry Place	Store > 5° C to prevent freezing
Dessicash 240, Aceto	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

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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
Flag LQD	S-metolachlor +	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
Fortress MicroActiv	Triallate	May Be Frozen	
Glyphosate 360	Glyphosate	May Be Frozen	
Hurricane Herbicide	Bentazone, Acifluorfen	Do Not Freeze	Store above 4°C and below 37°C away from heat
Ikwin	Fluroxypyr	Cool Dry Place	Store > 5° C to prevent freezing
Ingenious 75DF	Quinclorac	May Be Frozen	
Intensa 480	Sulfentrazone	Do Not Freeze	Store > 5° C to prevent freezing
Judo (40 acre pack)	Imazamox, Imazethapyr	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	
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	
MCPA Sodium 300	MCPA Sodium	Do Not Freeze	
Mecoprop-P	Mecoprop-P	Do Not Freeze	Store > 5° C to prevent freezing
Mester 480	Mesotrione	May Be Frozen	Will be usable again at temps above 0° C
Metallica	S- Metolachlor	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
Nicosoh 75	Nicosulfuron 75%	Cool Dry Place	
Opportunity 15SL	Glufosinate-ammonia	Do Not Freeze	
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
Permit	Halosulfuron	Cool Dry Place	
Phantom 240 EC	Imazethapyr	Do Not Freeze	Store > 5 degrees C to prevent freezing
Pierce Herbicide	Fluroxypyr/Bromoxynil/MCPA	Dry heated storage	If frozen bring to room temperature and agitate
Pyralid	Clopyralid	Cool Dry Place	Store > 5 degrees C to prevent freezing
Reptile RC 80 WDG	Flumetsulam		Do not store above 50°C
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

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Spur 360	Clopyralid	Cool Dry Place	Store > 5 degrees C to prevent freezing
Spur M	MCPA / Clopyralid	Cool Dry Place	If frozen bring to room temperature and agitate before use
Steel	Florasulam + Fluroxypyr	May Be Frozen	Will be usable again at temps above 0° C
Storm 540	Glyphosate	May Be Frozen	
Sword	MCPA, Mecoprop, Dicamba	Do Not Freeze	Store > 5° C to prevent freezing
Tribe	Tribenuron	Cool Dry Place	
Velpar 75 DF	Hexazinone		

## Insecticides

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
Aceta 70	Acetamiprid 70 WP	Cool Dry Place	
Ambush 500	Permethrin	Cool Dry Place	Store > 5° C to prevent freezing
Cormoran	Acetamiprid, Novalron	Do Not Freeze	Store > 5° C to prevent freezing
Cyrus	Cyromazine	Cool Dry Place	Store > 5° C to prevent freezing
Diamante 480	Dimethoate	Keep out of direct Sun & heat	Store between 4°C and 30°C
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
Electicide 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
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
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
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

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## Fungicides

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
Asteroid FC 390	Azoxystrobin	Do Not Freeze	Store > 5° C to prevent freezing
Azoshy 250SC	Azoxystrobin	Do Not Freeze	Store > 5° C to prevent freezing
Button	Fludioxinil, 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
Custodia	Azoxystrobin/Tebuconazole	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
Downforce	Fluazinam		
Echo 90 WSP	Chlorothalonil	Cool Dry Place	Will be usable again at temps above 0° C
Echo NP	Chlorothalonil	Cool Dry Place	Will be usable again at temps above 0° C
Echo 720	Chlorothalonil	Cool Dry Place	Will be usable again at temps above 0° C
Emissarius 250 SC	Azoxystrobin	Cool Dry Place	Do not store below 0°C
Follow WDG	Folpet	Cool Dry Place	Will be usable again at temps above 0° C
Fungtion	Azoxystrobin, Propiconazole	Cool Dry Place	Do not store below 0°C
Gavel 75 DF	Zoxamide, Mancozeb	Cool Dry Place	Will be usable again at temps above 0° C
Impala	Pyrimethanil	Do Not Freeze	Do not store below 0°C
Microscopic Sulfur	Sulphur	Cool Dry Place	Will be usable again at temps above 0° C
Preach	Pyraclostrobin	Do Not Freeze	Do not freeze
Princeton 418	Propiconazole	Do Not Freeze	Store > 5° C to prevent freezing
Propi Super 25EC WSL	Propiconazole	Do Not Freeze	Store > 5° C to prevent freezing
Pulse Fungicide	Boscalid	Cool Dry Place	
Rampart	Phos Acid	Do Not Freeze	Store > 5° C to prevent freezing
Shaft Fungicide	Boscalid	Cool Dry Place	
Shalimar 250 EC	Tebuconazole, Prothioconazole	Cool Dry Place	Store > 5° C to prevent freezing
Streptomycin 17	Streptomycin	Do Not Freeze	Store > 5° C to prevent freezing
Tebbie 250	Tebuconazol	Cool Dry Place	Store > 5° C to prevent freezing
Thief 50 SC	Thiophanate-methyl	Do Not Freeze	Store > 5° C to prevent freezing

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## Seed Treatments

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	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	Do Not Freeze	Store > 5° C to prevent freezing
Meteb 11ST	Tebuconazole/Metalaxyl	Do Not Freeze	Store > 5° C to prevent freezing
Penncozeb 80 WP	Mancozeb	May Be Frozen	Will be usable again at temps above 0° C
Vitaflo	Carbathiin, Thiram	May Be Frozen	Will be usable again at temps above 0° C

## Adjuvants/Surfactants

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	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	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	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	
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

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## Harvest Aids

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

## Wetting Aids

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
Respond 3	Polyhydroxethyl Alkoxy Alkylene Oxides	Do Not Freeze	Store > 5° C to prevent freezing

## Fumigants

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
Formalin - BC only	Formaldehyde		
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	WINTER STORAGE	NOTES
Agro Mos	Sulphur + Copper	Cool Dry Place, no direct sun	Store between 1°C and 38°C
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	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- chlorocarbamilate	Cool Dry Place	

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## Rodenticides

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
Burrow Oat Bait	Zinc Phosphate		
Deadline M-PS	Metaldehyde	Cool Dry Place	
Decimax Blocks (28 g blocks)	Bromadiolone	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	

## Starters and Early Season Products

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
Awaken 16-0-02 with micros	Zinc Ammonium Acetate	Do Not Freeze	
Actagro Liquid Humus 22%	Humic Substance	Do Not Freeze	Requires Recirculation in Spring
Kwik Start LS 3-10-1	Humic Substance	Do Not Freeze	Requires Recirculation in Spring
Structure 7-21-0 + Zn 0.2	Humic Substance	Store > 5° C.	Requires Recirculation in Spring

## Liquid Micro-Nutrients

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

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## Secondary Nutrients - Liquids

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	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	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

## Granular Nutrients

PRODUCT DESCRIPTION	ACTIVE INGREDIENT	WINTER STORAGE	NOTES
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	