

SNOW PREP

GUIDE 2023/24



Delivering **unbeatable** products
and services since 1928



BULK SALT

SECURE YOUR PRICE FOR THE ENTIRE SEASON



**Reserve Now
Take it Later!**

- 
- White & Treated
 - Multiple distribution points
 - Fast & reliable delivery
 - Take delivery as needed

Call now to reserve!

CONSERV FS OFFERS SEVERAL LOCATIONS FIND ONE NEAR YOU!



Caledonia, IL

14937 Route 76
Caledonia, IL 61011
Phone: 815.765.2571
Fax: 815.765.2203

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Email: bquincer@conservfs.com

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Wauconda, IL 60084
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Fax: 847.526.0478

Josh Murray 
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Andy Heider 
Phone: 847.875.1698
Email: aheider@conservfs.com

Product availability may vary at each location.



There is an industry benchmark for professionalism that you can count on! A way to separate a vendor from a valued business partner. This mark of excellence is called the Certified Turf Specialist, or CTS designation. It is a trademark of true professionalism.

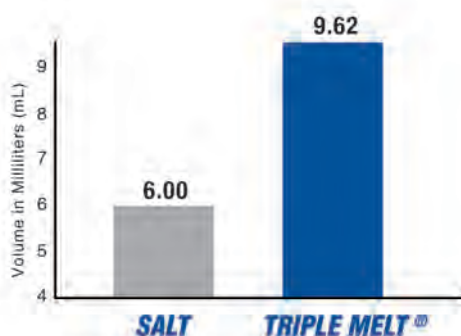


Powered by Two Patented Accelerators:



TECHNICAL INFORMATION:

Effective Temperature	-15°F (-26°C)
Color	Blue
Calcium Chloride	10 - 15%
Common Pkg Weight	50 lbs (22.7 kg)
Packages Available	Bag / Carton / Drum
Patents	See website for more info



Ice melting comparisons are measured in milliliters using testing methods established by SHRP H-205.1 at 15°F for 20 minutes.

Performance:

The faster an ice melter works, the less chance there is for a mishap to occur. That's why **TRIPLE MELT** contains two patented accelerating agents. **TRIPLE MELT** has been shown in Strategic Highway Research Program testing to exceed the melt value of a theoretical 50% calcium chloride blend.

Controlled Spreading:

TRIPLE MELT undergoes a thorough screening process optimizing particle size for controlled spreading. Ossian's screening process reduces dust, provides more flexibility with spreader settings and reduces cost, allowing you to melt more with less product. **TRIPLE MELT** contains anti-caking agents that ensure easy flow for ice melt spreaders and longer storage life.

Safe for Concrete and Vegetation:

TRIPLE MELT will not harm concrete and vegetation when used according to label instructions. **TRIPLE MELT** contains no added magnesium chloride which has been shown in studies to chemically attack concrete. Incorporating liquid anti-icing practices with dry application rates is essential to reducing chloride and salt impacts on the environment.



BAGGED DE-ICING PRODUCTS

Magnesium Chloride Blends

Corrosion Inhibitor Added

Lightning Premium Ice Melter

- Blue in color
- Advanced liquid treatment
- Down to -20°
- Reduced application rates

Volume: 50lb Bags
49 Bags/Pallet

Item #445076



Sizzle Professional Ice Melter

Item #445071

**Break the Ice This Winter!*

- **Lavender** in color
- Calcium Treated
- Effective down to -25°F

Volume: 50lb Bags
49 Bags/Pallet

Ice No More

Item #445026/40 # Pail

Item # 18700/20# Bag

- 4 Ingredient Blend
- Quickly melts
- Melts to -10°F

Volume: 40# Pails/60 Pallet
20# Bags/120 Pallet



Thunder Melt

Item #445073

**Melt More with Less!*

- Violet color blend
- Effective down to -16°F

Volume: 50lb Bags
49 Bags/Pallet

Winter Paw

Item # 187140

- No Salt
- Safer for pet's paws
- Environmentally friendly

Volume: 8Lb Jugs
120 Jugs/Pallet



Triple Melt

Item #445047

- Powered by **Activar** for fast action
- Effective down to -15°F
- **Blue** in color
- Enhanced chloride blend

Volume: 50lb Bags
50 Bags/Pallet



Lightning Fast -20F, 12LB Shaker Jug

Item #921128

- Chemical Composition - Sodium Chloride, Magnesium Chloride, Proprietary Blend and Corrosion Inhibitor.
- Works to -20F

- Safer for Pets, Concrete, Plants and Equipment

Volume: 4 Jugs/Case
40 Cases/Pallet

ICE AGE™

with Activar®

**a new age of
winter
protection**



**Volume: 50lb bags
50 bags/pallet
7,500 sq ft/bag**

Effective as low as -15°

Exclusively by **CONSERV** **FS**

BAGGED DE-ICING PRODUCTS

Natural Ice-Melters

Halite: Ice Away

Rock Salt (White) Item #445020

**Mined from the earth*

- Effective down to 5°
- Anti-caking agent to help avoid over application
- Blend of large & small crystals
- Small crystals melt quickly
- Large crystals lasting protection

Volume for : 50lb Bags
Both 49 Bags/Pallet

Halite Royal Blue

- Blue pattern indicator

Item #445400



Urea (Bulk, Totes, or Bag!)

Item #550540

**Best for Airports, Parking Garages & Helicopter Landing Pads*

- Down to 20° F • White in color
- Less corrosive, no aluminum pitting

Volume: 55lb Bags
40 Bags/Pallet

Ice Age

Item #445017

**Speeds to Liquid Brine!*

- Effective down to -15°F
- Cover up to 7,500 sq ft/bag
- Effective and economical

Volume: 50lb Bags
50 Bags/Pallet



Mountain Organic

Item #445002

**Begins Melting Immediately!*

- Effective down to -5°F
- Blend of non-toxic organic material
- Handles tough ice without harming the environment

Volume: 44lb Bags
49 Bags/Pallet

Runway Control

(Special Order)

Item #445087 (2,204 lb Tote #445090)

**Biodegradable - Chloride Free*

- Special acetate formula, urea free
- Effective down to -6°F

Volume: 50lb Bags
40 Bags/Pallet



Winter Green

Item #445078

**Gentle on Vegetation*

- Down to -25°F
- Powerful melting, fertilizing properties from urea coated calcium chloride

Volume: 40lb Bags
50 Bags/Pallet

Winter Warrior Enviro LEADER



**LEED Compliant*

Designed specifically to be used around LEED properties, where there are environmental or corrosion concerns.

Volume: 50 lb Bags or 2,204lb Totes
50 Bags/Pallet



CLEAR AND SAFE


Ice-free sidewalks and entryways extend a thoughtful welcome to tenants and visitors, and help prevent potential **costly slip-and-fall litigation and other claims.**



Calcium chloride deicing products from OxyChem provide fast and highly effective ice removal to increase pedestrian safety, which helps protect your business.

Learn more by visiting
www.IceFreeSidewalks.com

50 lb Bag
55 Bags/Pallet
#445014

QUALITY MADE IN USA 

™Trademark of Occidental Chemical Corporation

BAGGED DE-ICING PRODUCTS



Peladow™ Calcium Chloride Pellets *'The Hottest Stuff Around'*

- Effective Down to -25°
- White color, no residue avoid over application

- Generates Heat
- Round pellets for even coverage
- Helps make sidewalks safer

Volume: 50lb Bags
55 Bags/Pallet

Item #445014



Calcium Chloride Flakes **Item #445011**

- Effective down to -25°
- Calcium chloride flakes

Volume: 50lb Bags
55 Bags/Pallet

National Ice Melt

Item #181580

- Contains RUSH Speed Enhancing Additive
- Dyed Blue For Ease of Application

Volume: 50lb Bags
50 Bags/Pallet



MAG Flakes or Pellets **Item #445082 or #445083**

**Low Toxicity, Vegetation Safe*

- Down to -25°
- White in color, leaves no residue
- Naturally Pet Friendly

Flakes: 50lb Bags
48 Bags/Pallet

Pellets: 50lb Bags
48 Bags/Pallet



MAC w/ CMA **Item #445056**

**Gentle on Vegetation*

- Effective down to 0°
- Contains sodium chloride plus CMA corrosion inhibitors

Volume: 50lb Bags
50 Bags/Pallet

CMA 100

- Down to 20°
- White in color
- Non-chloride natural ice melter
- Prevents ice & snow bonding to pavement
- Use when corrosion or vegetation issues are of concern

#445088: 55lb Drum **#445081:** 1400lb Tote



BREAK THE ICE THIS WINTER

Save Your Step!
Reduce Slips & Falls
Melt Quickly



- EFFECTIVE AS LOW AS -25°F
- OPTIMUM BLEND Of Calcium & Sodium Chlorides
- MELTS FASTER & Longer Than Rock Salt Alone
- LESS RISK of Over Application:
Lavender Pattern Indicator



WINTER TOOLS

Seymour SS20 18" Steel Shovels

- 44" Hardwood Handle Poly D-grip
- 13.5" x 18" steel
- Dependable season after season

#437576



Snowcaster 30" Snow Pusher

- Blade is constructed from UHMW-PE material
- UHMW-PE provides exceptional wear properties-blade will last several seasons
- Heavy duty bracket
- Bracket & handle are re-enforced at the point of attachment to the fiberglass tube

#437038



Snowcaster Complete 30SNC

- Angled blade for "wind rowing" snow
- Bi-directional Blade
- 7.5"H x 36"W Blade

#437036



SDA 12 Aluminum Scoop

- For scooping grain, snow, mulch or general pupose clean up
- Western style #12 size 14-3/4" x 18-3/4" aluminum blade
- Steel & wood D-grip on 29" Ashwood handle

#437480



SDP12W Poly Scoop

- ABS Plasic 5.25" x 9" head
- 29" hardwood handle
- Poly D-grip

#437478



Snowcaster Complete 70SNC

- Heavy Duty Contractor Model
- UHMW-PE material blade
- 10.5"H x 36"H Bi-directional blade

#437034



Ice Chisel IC30

- For scraping ice and other encrusted materials from hard surfaces
- 3-3/4" x 6" Socket pattern, industrial gauge, forged steel blade
- 48" Ash wood handle

#437590



H3460BLU Colored Push Broom

- Sanitary, chemical resistant polypropylene bristles
- Sweeps up dust and debris in a single pass
- 24" head with 60' fiberglass handle

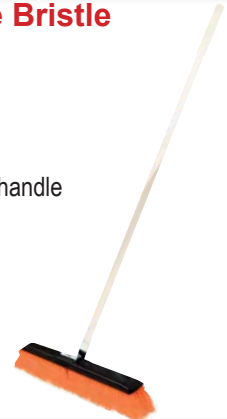
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PB24R Orange Bristle Push Broom

- For smooth surfaces
- 3" poly bristles
- 24" head
- 60" yellow fiberglass handle
- Cushion grip

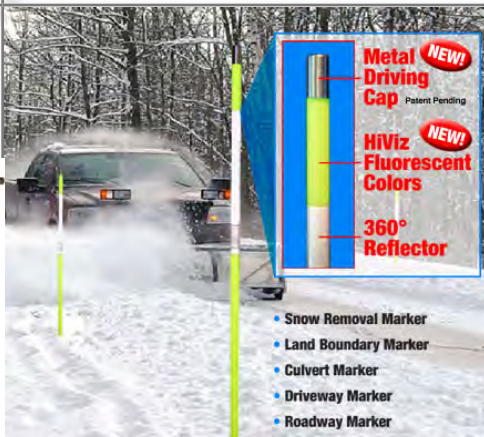
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Earthway 2150 Broadcast Spreader

- Large 13" x 4" pneumatic stud tires
- High volume 50 lb. hopper

#439308



SNOWPOLE™ Reflective Marker

4' Length:
Orange: #436090
Yellow: #436092

5' Length
Orange: #436091
Yellow: #436093



*When the right tool
matters...*

**#1 Selling
Snow Shovels
& Pushers**

**PP200
SNOW SHOVEL
#437525**



**CONSERV
SNOW SHOVEL
#437425**



**PP100
SNOW PUSHER
#437530**



**CONSERV
SNOW PUSHER
#437430**



We've got the right tools...

CONSERV 



SPREADERS

CHAPIN 82500 #438144

* 100# High Output Salt Spreader *

- Comes with cover & deflector kit
- Stainless steel



CHAPIN 8500B #438146

* 200LB ROCK SALT DROP SPREADER*

- 36 inch deep drawn Stainless Steel hopper (seamless with no welds)
- Drive Train: Split axle - wheels drive left and right agitators independently to break up salt.
- Stainless steel drive chains resist corrosion and provide unfailing torque to destroy clumps of salt



Earthway 2170 Broadcast Spreader

- Large 13" x 4" pneumatic stud tires
- High volume 100lb. hopper

#439316 - Push Type
#439317 - Tow Behind



CHAPIN 82108 #438140

* 100# High Output Salt Spreader *

- Comes with cover & deflector kit
- Stainless Frame/Painted 80#



Earthway F80PD Pro Flex Select Spreader

- Interchangeable tray system - 3-in-1 spreader for all types of materials from grass seed to coarse rock salt
- Available in stainless steel or powder coated chassis

#439307 - 80lb capacity
#439303 - 130lb capacity



Solo Model 475B Backpack Sprayer

- Capable of producing up to 60 psi
- Designed for virtually any spraying task
- Pump is ideal for handling chemicals in wettable powder form or liquid.

*Now compatible w/ bleach.

#439165
Diaphragm Pump



Solo Hand Held Sprayers

- Easy-to-fill / Easy-to-clean
- Extended reach 28" unbreakable wand
- Chemical resistant seals
- Four-nozzle assortment

#439166
1 Gallon

#439167
2 Gallon

#439168
3 Gallon



Field King Pump Zero Lithium Ion Sprayer

NO MORE PUMPING!

- Powered by a Lithium-Ion 7.2V rechargeable battery
- Sprays over 17 gal. battery charge
- Maintains constant pressure at 20-25 PSI

#190571
Size: 2 Gallon





- Effective as low as -16°F
- Violet in color blend
- Premium rock salt coated for optimum performance
- Unique blend of ASTM 1 Grade rock salt, **ORGANIC** Carbohydrate, Calcium Chloride & a corrosion inhibitor
- Melts ice faster and longer than rock salt

Exclusively by



Clear Sidewalks

Faster with

THUNDER MELT[®]

*** Full Truckloads Only – 18 Pallets / 882Bags ***

Cowhide Thinsulate

Item #430512

\$**14.99**/pair
\$**13.95**/dozen



Pile Lined Leather

Item #430225

\$**7.99**/pair
\$**6.99**/dozen



Fleece Jersey

Item #430185 - Un-Lined

\$**1.29**/pair
\$**0.99**/dozen

Item #430186 - Lined

\$**1.99**/pair
\$**1.75**/dozen



Lined Kinco Leather

Item #430150

\$**19.65**/pair
\$**14.95**/dozen



Reflective Glove Thinsulate Lined

Item #430151

\$**11.99**/pair
\$**10.95**/dozen



Valeo V5 Cold

Weather Gloves - Waterproof

Item #430115

\$**22.59**/pair
\$**21.29**/dozen



Red Rubber Knitwrist

Item #430105

\$**11.99**/pair
\$**10.99**/dozen



Atlas 490 Blue Rubber

Item #430110

\$**18.99**/pair
\$**17.96**/dozen



Ninja Ice HiViz Yellow

Item #430200

\$**9.99**/pair
\$**8.95**/dozen



North Polar Waterproof

Item #430509

\$**22.94**/pair
\$**21.95**/dozen



Thermal Glove Liner

Item #430120

\$**3.99**/pair
\$**3.55**/dozen



Ninja Ice Black

Item #430201

\$**9.99**/pair
\$**8.95**/dozen



INFERNALMELT

BULK Liquid De-icer

REDUCE "SLIP & FALLS" with our HOT LIQUIDS!

Description & Uses

InfernalMelt is an Economical Blended Liquid Ice Melter

- USE FOR: Anti-icing & Pre-wetting Rock Salt
- FREEZE POINT of -36°F
- COMPOSED OF Sodium, Calcium, Magnesium & Potassium Chlorides with an Added Corrosion Inhibitor.

Pickup at
our Wauconda
Facility

Application Guidelines

Anti-icing Rate: .5 - .75 gallons per 1,000 sq ft (20-30 gallons per lane mile)

Frost prevention use at 1/2 rate. Use solid stream nozzles for roads and fan spray nozzles for parking lots. **Apply before an event or once the event begins!**

- PREVENTS: Snow & Ice sticking to pavement and the development of black ice
- REDUCES: Slips & Falls and speeds up operations saving labor and \$\$\$
- BEST CHOICE for Premium service to customers for preventing accidents

De-icing Rate: 1 gallon per 1,000 sq ft (40 gallons per lane mile).

Adjust rates based on accumulation. Use solid stream nozzles set at higher pressure to increase penetration down to the pavement in order to undermine snow and ice.

- BEGINS MELTING IMMEDIATELY upon application
- MELTS THROUGH UP TO 1/2 Inch of dry packed snow (using Straight Stream Nozzles)
- BREAKS THE BOND between ice & snow allowing plows to remove it easily

Pre-wetting Rate: 5-12 gallons per ton of Rock Salt at the auger / spinner or onto loader bucket when loading truck

- REDUCE SALT USE by 10 - 15% by reducing 'Bounce & Scatter" of salt
- MELTING BEGINS IMMEDIATELY - no waiting for salt to make it's own brine

#445100: Bulk

#445205: 250 Gallon Tote

#445206: 55 Gallon Drum



TRIPLE MELT[®] LIQUID DE-ICER

High Performance General Purpose Liquid De-Icer

- Performance liquid de-Icer
- Safe for concrete and vegetation
- Highly effective on parking lots & sidewalks
- Magnesium Chloride Free

****Apply ahead of the storm to reduce overtime due to after storm clean up!**



#445102: 5 Gal
#445103: 250 Gal

For Best Results
Use Together

LISSIAN INC Liquid Sprayer

Prevent snow and ice from bonding to pavement!

Liquid spray contains anti-icing agents

Cover a standard sidewalk in 1 pass!

Side extensions cover 48" width

Covers 5,000 sq ft of pavement!

One 5 gallon tank of anti-icing liquid

Simple • Efficient • Economical

#445001



32% Calcium Chloride

- * Apply a very thin layer prior to snow or an ice storm
- * Inhibits bonding of snow and ice to pavement
- * Combines calcium chloride with the utility of liquid ice melter

#445105: 275 Gal



University Proven Lawn Protector Formulation

Winter Green Liquid

- * Tough on ice easy on grass
- * University proven lawn protector formula
- * Converts to a slow release nitrogen in soil
- * Reduces clean up

#445108: 5 Gal
#445104: 250 Gal



Chloride Free, Non-Corrosive Liquid De-Icing

Select Liquid

- * Biodegradable
- * Non-corrosion
- * Clear, eliminates tracking
- * Chloride Free
- * Apply 1-2 hrs before snowfall

#445059: 5 Gal
#445097: 250 Gal



Entry® Ice Melt

- * Chloride Free De-Icer
- * Reduced Entry Tracking
- * Melts Snow to Below Freezing Temps

#445655: 2 x 2.5
#445656: 55 Gal
#445101: 250 Gal

Lightning

Treated Bulk Salt

**Magnesium
Based
w/Corrosion
Inhibitor**

****Formulated for Zero-tolerance Locations****

- **SCIENTIFICALLY ADVANCED TREATMENT**

Magnesium chloride, ORGANIC carbohydrate and a corrosion inhibitor

- **ULTIMATE PERFORMANCE**

ASTM 1 Grade rock salt crystals

- **EXTREME MELTING POWER DOWN TO -20°F**

Quick burn and long lasting residual effect

- **REDUCE APPLICATION RATES 30-50%**

- **AQUA PATTERN INDICATOR**

Improved visual spreading





Call Now to Contract Salt

Or Email: Orders@Conservfs.com

Include your contact information, salt type, and desired tons

HALITE: White Rock Salt - Bulk

- Available in super sacs and truckloads
- Mined directly from the earth
- Schedule semi-load delivery as needed
- Small truck pick up available at: **Item #445043** (Rockford, IL)
Item #445260 (Kansasville, WI)

Treated Salt - Bulk

****Formulated for Zero-tolerance Locations****

- Scientifically advanced treatment of magnesium chloride, ORGANIC carbohydrate & a corrosion inhibitor
- ASTM 1 Grade rock salt crystals for ultimate performance
- Extreme melting power down to (-20°F), quick burn - lasting effect
- Pre-mixed for a precise, evenly blended product
- Flows freely in equipment - 95% stays in the targeted area
- Schedule semi-load delivery as needed
- Small truck pick up available at: **Item #445300** (Caledonia, IL)
Item #445256 (Rockford, IL)

Gypsum Reduces Salt Damage

The Problem:

De-icers must be used to mitigate the obvious negative potential associated with winter weather events. When they are continually running off or being plowed off hard surfaces, saline or sodic soil conditions kill turf.

Sodium-Based Salt/ Sodic Conditions:

De-icers that use sodium-based salt will cause sodic conditions. **Pelletized Gypsum** supplies calcium to replace the sodium that has been sorbed onto soil.

Application Rates for **Pelletized Gypsum**

20 - 10 lbs/ 1,000 sq ft, depending on the severity of the sodium concentration.

Follow with heavy irrigation or rain to flush the sodium from the soil

Other Salts/ Saline Conditions:

De-icers that use other chemestries like calcium, magnesium, potassium and ammonium based salts will cause saline conditions. Spring rainfall and/or flushing the soil with water will usually get rid of the saline conditions.

Mixed Salt Use/ Saline-Sodic Conditions:

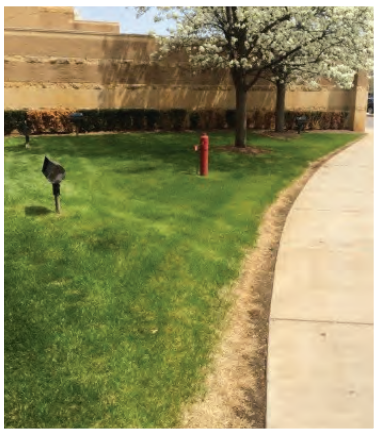
Sodium must be replaced by **Pelletized Gypsum** and then the soil flushed to remove the other salts.

Replanting: If turf has been killed off from the saline or sodic conditions, the solutions above will be necessary before seeding. Standard seeding rates should be followed.

#434170: 50 lb Bag

#434171: 40 lb Bag

#434172: Bulk, (Contact Your Conserv FS Turf Specialist)





Gypsum

Pellets - Fairway

Rate - Normal application: 10-20 lb/1,000 sq ft

For salt damage: 25-50 lb/1,000 sq ft

#434171: 40 lb Bag



Use Gypsum to Help Reduce Salt Damage in Turf & Planting Beds!

Apply Before Winter & Again In Spring

AquaLock

Same Active Ingredient as Transfilm

- Prevents winter kill
- Reduces transplant shock
- Prevents windburn, sun scald & salt air damage
- Protects shrubs, trees and golf greens from winter desiccation

Spray above 40° F.

Rate - Windburn: 1 gal/20 - 40 gal

- water Transplanting: 1-10 ratio



Results. Expect it.



#434517: 2 x 2.5 Gal



Knockdown Defoamer

Foam Suppressants

Quickly de-foams spray solution containing non-ionic surfactants, silicone surfactants or crop oil concentrates.

#434009: Quarts

#606200: Gallons

#434005: 30 Gal Drum



Results. Expect it.



FENCING SUPPLIES



Plastic Square Mesh Barricade Fence

- Hi-visibility, safety fence• Strong, yet light-weight
- Uses include: crowd control, ski trails, recreation areas, and work areas
- Comes in Orange, Green and Black
- 4' x 100' rolls, each

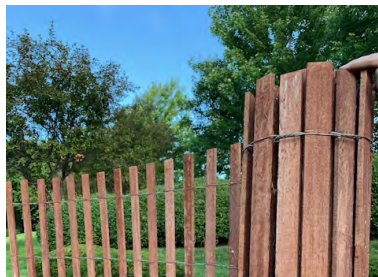
Green - **#436233**
Orange - **#436236**
Black - **#436235**



Heavy-Duty Plastic Utility/Snow Fence

- Controls blowing/drifting snow
- Ensures worker safety & crowd control
- Made of high-tensile strength polyethylene with UV inhibitors for long life
- Lightweight, easy to use and store
- Does not sag and is extremely durable
- Stocked in Orange, Green and Black
- 4' x100' rolls, each

Green - **#436225**
Orange - **#436226**
Black - **#436227**



Wooden Lath Snow Fence

#436100

- Controls blowing/drifting snow
- Does not sag
- Extremely durable
- 4' x 50' rolls, each



Silt Fence

- Designed to reduce sediment run-off
- Durable polypropylene with UV stabilizers
- 36" x 100' (33.3 sq yds)
- Post length: 48", includes stakes

Standard - **#436205**
Wire Mesh - **#436206**
Heavy Duty w/Wood Lathe - **#436213**



Deer Fencing

- HI-UV stabilized available

8' x 330' - 1" Mesh
#436056

8' x 330' - 2" Mesh
#436059



Liquid Fence #434398 *Protect Against Rabbit, Deer, Rodent Depredation*

Growing season spray application: Add one quart to seven quarts of water. Add one pint of latex based sticker to solution for greater retention and residual efficacy.
Size: 1-Gallon

Deer-Off 32 oz Concentrate #434087 *Protect Against Rabbit, Deer and Rodent Depredation*



Growing season spray application: Add 1-qt to 7-qts water. Add 1-pt of latex based sticker for greater retention and residual efficacy.

Also Available in 4 x 1gal & Ready to Use

Defiant #480442 *Turf Fungicide & Animal Repellent*

Application for repellent use on trees, vines, nursery stock, shrubs, ornamentals: up to 1lb of product in 3 - 7 gal of water/1000 sq ft. Size: 4 x 10lb boxes (case)

Spotrete F #480440 *Turf Fungicide & Animal Repellent* *Protect Against Rabbit, Deer, Rodent Depredation*

Growing season spray application: Add 1-qt product to 7-qts of water. Add 1-pint of latex based sticker to solution for greater retention and residual efficacy.

5' Steel T-Posts Heavy Duty Size: 5' #436105

- Sterling t-posts shaped from hot rolled steel
- Anchor plate has increased holding power

Also Available in 5.5', 6', 6.5', 7' and 8'



Burlap



Rolls (100 yards)
#434065: 36"
#434062: 48"

Heavy Duty Post Drivers

• All-steel construction with an effective 21-inch inside length and solid 1-inch thick striking plate

• 3" capacity

• Ample seam welds secure the 1-inch pipe diameter C-handles to the shaft and provide a stronger connection than common butt welds

• The generous handle gripping area is angled away from the user's body to keep hands in a more natural, ergonomically correct position

• A lower handle location on the shaft assists user's reach when positioning driver on tree stakes and limits interference with overhead branches

3-1/2" capacity
#437247

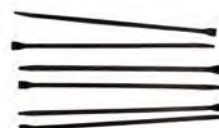


2-1/2" capacity
#437246



Heavy Duty Fence Ties

- Nylon fence ties
- Bundles of 100



Size: 8"
#436241

Size: 14"
#436242

Plastic Coated Wire Ties

- Bundles of 100



Size: 8"
#436240

Size: 11"
#436239

Fertilizer 22-0-2

#550116

An all-purpose organic-nitrogen fertilizer, safe to use on lawns, flowers, vegetables, shrubs and trees. Slow release formula.

Size: 50lb bags

Chicagolands's # 1 Ice Melt

LIGHTNING™ PREMIUM ICE MELTER

- Blue pattern indicator with no stain or track
- A patterned indicator and particle size makes for less material and fewer applications.
- Specific particle size for better coverage
- One ice melter for all ice and snow events
- Enhanced with corrosion inhibitor
- Eliminates snow and ice as low as -20°F
- Safe on sidewalks, plants and pet friendly when applied as directed
- More particles per square foot



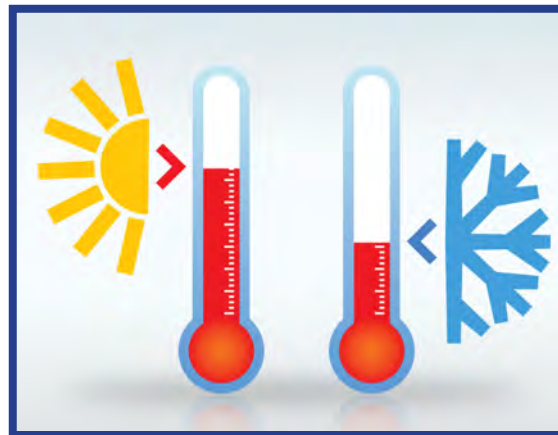
PREACTIVATED & READY TO STRIKE

MAXIMIZE EFFECTIVENESS - DE-ICING

Air Temperature -vs- Ground Temperature?

Air temperature is not nearly as important as the temperature of the ground when you are trying to make a walkway safe from slippery weather. What does it mean when the weatherman reports, “ten degrees at sunrise” and your ice melter has an effective temperature of zero degrees? Your ice melter should work right? However, what if this morning is the first day in ten days where the temperature is actually warmer than five below? Will the product you are using actually melt ice?

An ice melter begins working when the solid granule material dissolves in water, creating brine. If the ground temperature is too cold, some products are not going to be effective because they can't make the conversion from granule to brine. The air temperature reported on the news is almost never the same as the temperature on the surface of your parking lot, driveway or sidewalk. The ground temperature is what really matters!



Solid material reacts with water to form a liquid brine

Brine spreads around to break the bond made between ice & pavement

One last complication - all products are not tested in the same way. When you see the words, “effective tem -20 degrees on one product, it may not provide the same results as when you see it on another product.

Things to keep in mind are:

- Ice melters like Potassium Chloride and Urea are most effective at high temperatures.
- Ice melters that contain Magnesium Chloride function in the sub-zero range.
- Ground temperature is crucial!

How to MAXIMIZE EFFECTIVENESS!

Another way to maximize effectiveness is to apply ice melt materials in advance of an anticipated winter weather event, rather than applying after snow has already fallen. The primary goal of ice melting products is to prevent the adhesion of snow and ice to pavement surfaces. The task is significantly simplified if the ice melter can immediately react to falling snow.

Apply in advance of snow events!

How to apply correctly to concrete?

When applying to concrete - avoid scaling, flaking or peeling due to repeated freeze/thaw cycles. Manage your rates of calcium chloride or sodium chloride application. Always follow application instructions. Do not apply ANY ice melter until concrete is sufficiently cured (this is typically about one year after concrete is first poured).

Use air-entrained concrete! (this composition is protected from freeze/thaw damage)

Winter Parking Lot and Sidewalk Maintenance: Roads, Parking Lots, Sidewalks, and Driveways

Key Information Needed:

Pavement Temperature (it will different than air temperature)

Parking lot area (or drive lane distance)= Length x Width

Amount of material your truck or sander delivers at each setting and speed.

TIPS:

- De-icers melt snow and ice. They provide no traction on top of snow and ice.
- Anti-icing prevents the bond from forming between pavement and ice.
- De-icing works best if you plow before applying material.
- Pick the right material for the pavement temperatures.
- Sand only works on top of snow as traction. It provides no melting.
- NaCl (road salt) does not work on cold days, less than 15°F.

Melt Times for Salt (NaCl) at Different Pavement Temperatures

Pavement Temp. °F	One Pound of Salt (NaCl) melts	Melt Times
30°	46.3 lbs of ice	5 min.
25°	14.4 lbs of ice	10 min
20°	8.6 lbs of ice	20 min.
15°	6.3 lbs of ice	1 hour
10°	4.9 lbs of ice	Dry salt is ineffective and will blow away before it melts anything

Melting Characteristics

Pick your material based on lowest practical melting temperature, not eutectic, temperature which is often listed on the bag.

Chemical	Lowest Practical Melting Temp.
CaCl ₂ (Calcium Chloride)	-20°F
Kac (Potassium Acetate)	-15°F
MgCl ₂ (Magnesium Chloride)	-10°F
NaCl (Sodium Chloride)	15°F
CMA (Calcium Magnesium Acetate)	20°F
Blends	Check with manufacturer
Winter Sand/ Abrasives	Never melts - provides traction only

Variables affecting application rate

Increase Rate if:	Decrease Rate if:
Compaction occurs & cannot be removed mechanically There is a lot of snow left behind	Light snow or light freezing rain Pavement temperature is rising Subsequent applications



8 Gallon Ice Melt Sprayer

Designed for Professional use

921093

Designed for commercial use with more than 4 hours of continuous use (with 5ah battery), this sprayer will make clearing any sidewalk a breeze.

FEATURES

- 8-gallon tank
- DeWalt battery platform (battery not included)
- 1.1 gallon per minute pump
- Spray gun for stairs and tight spots within 15 feet
- Pencil drop boom included (24"-28" spread pattern)
- T-Jet spray nozzle (30" spread width)



Quick attach battery and spray 4 more hours



Sturdy stand and strong diamond handle frame to lift over curbs



Heavy duty gear box provides reliable service for daily work

GOOD BETTER BEST



Contact one of our Turf Specialists for pricing and availability

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