



# PELADOW Calcium Chloride Pellets

## A Review of the Use of Mechanical Spreaders to Apply PELADOW

No other deicer is as good as PELADOW\* calcium chloride pellets at melting ice and snow. That's because PELADOW is 100% unblended calcium chloride. Nothing beats the speed, heat generating capabilities, and very low freezing point depression of calcium chloride pellets. Because PELADOW is more effective, less can be used—usually only two to four ounces per square yard! This review will explain how to properly apply PELADOW at the correct application rate through the use of mechanical spreaders.

### How Do Deicers Work?

When deicers are applied to ice and snow, they create a brine solution with a lower freezing point than that of the surrounding ice. This brine solution and the remaining solid deicer need to penetrate through the ice onto the pavement. Once at the pavement, the deicer begins undercutting and disbonding the ice. As the ice and snow are undercut, they become easily removable by mechanical means. By quickly removing the disbonded ice and snow, you reduce the amount of deicing chemicals needed to keep your walkway clear.

### Spreaders

There are three basic types of spreaders available to apply deicers. These include broadcast, bottom-drop, and hand-held. Each type has advantages. Broadcast spreaders enable the user to cover very large



*Spreaders can be used to quickly and accurately spread PELADOW calcium chloride pellets.*

areas, such as wide walkways or parking lots. Bottom-drop spreaders are ideal for smaller confined areas, such as normal-sized sidewalks, or areas with sensitive vegetation near the pavement. Lightweight hand-held spreaders are ideal for very small areas and steps.

### Using a Spreader

Spreaders can be used to accurately deliver two to four ounces of PELADOW per square yard. Dow researchers have trialed several of the leading brands of spreaders, and have determined the approximate

settings to use. Listed on the back of this review are the recommended spreader settings for a number of the leading spreaders on the market. Just adjust to the correct setting and start spreading—it's that easy!

### For More Information

PELADOW calcium chloride pellets is supported by personnel with extensive product knowledge and handling experience. For more information on PELADOW, contact The Dow Chemical Company Customer Information Group at 1-800-447-4369.

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## Spreader Application Settings for Use with PELADOW Calcium Chloride Pellets

Brand	Type	Manufacturer	Model #	Recommended Setting	Number of Passes
Ag-Way	H	Precision Products	HHBS125	3	2 to 4
Ag-Way	B	Republic Tool	NA	15 to 16	1 to 2
Ag-Way	D	Republic Tool	530	9 to 11	1
Blaine's - Estate	B	Precision Products	SB50 Deluxe	12	1 to 2
Blaine's - Estate	D	Precision Products	FH22 Special	9 to 11	1
Blaine's - Red Devil	B	Precision Products	SB82R	12	1 to 2
Franks	B	Republic Tool	NA	15 to 16	1 to 2
Franks	D	Republic Tool	530	9 to 11	1
Hechingers - Precision Green	B	Precision Products	SB50PFA	12	1 to 2
Hechingers - Precision Green	D	Precision Products	FH22FA	9 to 11	1
Hechingers - Precision Green	H	Precision Products	HHBS125	3	2 to 4
K-Mart	B	Precision Products	SB-500	12	1 to 2
K-Mart	D	Precision Products	FH-200	9 to 11	1
K-Mart - K-Gro	B	Republic Tool	NA	15 to 16	1 to 2
K-Mart - K-Gro	D	Republic Tool	530	9 to 11	1
Lowe's - Garden Plus	B	Republic Tool	NA	15 to 16	1 to 2
Lowe's - Garden Plus	D	Republic Tool	530	9 to 11	1
Meijer	B	Republic Tool	NA	15 to 16	1 to 2
Meijer	D	Republic Tool	530	9 to 11	1
Meijer - Precision Red Devil	B	Precision Products	SB82P	12	1 to 2
Menards - Precision Pro	B	Precision Products	SB82	12	1 to 2
Pennington	B	Republic Tool	NA	15 to 16	1 to 2
Pennington	D	Republic Tool	530	9 to 11	1
Rickel - Garden Rx	B	Precision Products	SB50 Deluxe	12	1 to 2
Rickel - Garden Rx	D	Precision Products	FH22 Special	9 to 11	1
Rickel - Red Devil Handi-Spread	H	Precision Products	HHBS125	3	2 to 4
Sears - Craftsman	B	Republic Tool	NA	15 to 16	1 to 2
Sears - Craftsman	D	Republic Tool	530	9 to 11	1
Statemen	B	Republic Tool	NA	15 to 16	1 to 2
Statemen	D	Republic Tool	530	9 to 11	1
True Value - Green Thumb	B	Republic Tool	NA	15 to 16	1 to 2
True Value - Green Thumb	D	Republic Tool	530	9 to 11	1
Earthway	B	Earthway	C2200APP	23 to 28	1
Earthway	D	Earthway	7300B	17 to 23	1
Scotts	B	Scotts	SpeedyGreen	18	1 to 2
Scotts	D	Scotts	AccuGreen	10 to 18	1

B - Broadcast Spreader  
D - Drop Spreader  
H - Hand-Held Spreader  
NA - Not Applicable

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