

Salt Application Rate Guidelines

			Pounds/24 feet of pavement/mile			
Pavement temperature (F) and trend	Weather condition	Maintenance actions	Salt prewetted/pre-treated with salt brine	Salt prewetted/pre-treated with other blends	Dry salt	Winter sand (abrasives)
less than 30 F temp increasing	snow	Plow	80 lbs.	70 lbs.	100 lbs.	Not Recommended
	freezing rain	Apply chemical	80-160 lbs.	70-140 lbs.	100-200 lbs.	Not Recommended
30 F temp dropping	snow	Plow & apply chemical	80-160	70-140	100-200	Not Recommended
	freezing rain	Apply chemical	150-200 lbs.	130-180 lbs.	180-240 lbs.	Not Recommended
25-30 F temperature rising	snow	Plow & apply chemical	120-160	100-140	150-200	Not Recommended
	freezing rain	Apply chemical	150-200 lbs.	130-180 lbs.	180-240 lbs.	Not Recommended
25-30 F temperature dropping	snow	Plow & apply chemical	120-169 lbs.	100-140 lbs.	150-200 lbs.	Not recommended
	freezing rain	Apply chemical	160-240 lbs.	140-210 lbs.	200-300 lbs.	400 lbs.
20-25 F temperature rising	snow or freezing rain	Plow & apply chemical	160-240 lbs.	140-210 lbs.	200-300 lbs.	400 lbs.
20-25 F temperature dropping	snow	Plow & apply chemical	200-280 lbs.	175-250 lbs.	250-350 lbs.	Not recommended
	freezing rain	Apply chemical	240-320 lbs.	210-280 lbs.	300-400 lbs.	400 lbs.
15-20 F temperature rising	snow	Plow & apply chemical	200-280 lbs.	175-250 lbs.	250-350 lbs.	Not recommended
	freezing rain	Apply chemical	240-320 lbs.	210-280 lbs.	300-400 lbs.	400 lbs.
15-20 F temperature dropping	snow or freezing rain	Plow & apply chemical	240-320 lbs.	210-280 lbs.	300-400 lbs.	500 lbs. for freezing rain
0-15 F temperature rising or dropping	snow	Plow, treat with blends and sand high-traffic areas	Not recommended	300-400 lbs.	Not recommended	500-750 lbs., spot treat as needed
less than 0 F	snow	Plow, treat with blends and sand high-traffic areas	Not recommended	400-600 lbs.	Not recommended	500-750 lbs., spot treat as needed

Source: Salt Institute