



Mineral Well Brine Application Rates

Application rates, also known as spread rates, refer to the number of gallons that are to be applied to the road for dust or ice control.

Dust Control

- 1,650 gallons per road mile/825 gallons per lane mile:
 - 2 passes down the road (can be side by side, overlapping in the center, etc.). Each pass is approx. 16 – 20 feet wide and approx. 1' off each shoulder
- 2,000 gallons per road mile/1,000 gallons per lane mile: (**recommended minimum application rate**)
 - 2 passes down the road (can be side by side, overlapping in the center, etc.). Each pass is approx. 16 – 20 feet wide and approx. 1' off each shoulder
- 2,500 gallons per road mile/1,250 gallons per lane mile
 - 2 passes down the road (can be side by side, overlapping in the center, etc.). Each pass is approx. 16 – 20 feet wide and approx. 1' off each shoulder
- 3000 gallons per road mile/1,500 gallons per lane mile
 - 2 passes down the road (can be side by side, overlapping in the center, etc.). Each pass is approx. 16 – 20 feet wide and approx. 1' off each shoulder

Anti-Icing

A proactive approach to ice control. Spreading materials before or during the early stages of the storm – prevents frost formation and snow and ice from bonding to the road surface. Can also be used to pretreat sand or salt to reduce bounce and scatter and activate salt quicker.

- Parking Lots: 80-120 gallons per acre
- Paved Roads: 60 gallons per road mile/30gallons per lane mile
- Salt/Sand Prewetting: 8-10 gallons per yard or ton

De-Icing

A reactive approach to ice control. Spreading materials after a storm starts and snow accumulates. Breaks the bond of snow that has already frozen to the surface.

- 500 gallons per road mile, applied down the middle of a two-lane road.

