Anti-Icing Application Decision Flowchart

Review/monitor weather forecast.

Is snow or frost predicted within the next three days?
  Yes
  Is rain predicted before the snow?
    Yes → Do not apply anti-icing materials.
    No → Is the pavement temperature 15 degrees or greater?
       Yes → Is the dewpoint at least 3 degrees below the air temperature?
          Yes → Is the relative humidity level 70% or less?
             Yes → Apply anti-icing material (brine or brine blend) at 40 gallons per lane mile.
             No → Is the pavement dry?
                Yes → Are winds less than 15 miles per hour if loose snow is present?
                   Yes → Does sufficient time exist for pavement to dry before the pavement temperature falls below 20 degrees?
                      Yes → Has a visual inspection or RWIS confirmed sufficient anti-icing material residue does not exist on the pavement?
                         Yes → Apply anti-icing material (brine or brine blend) at 40 gallons per lane mile.
                         No → Do not apply anti-icing materials.
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