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
          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.
                  No → Do not apply anti-icing materials.
              No → Do not apply anti-icing materials.
          No → Do not apply anti-icing materials.
      No → Do not apply anti-icing materials.
  No → Do not apply anti-icing materials.