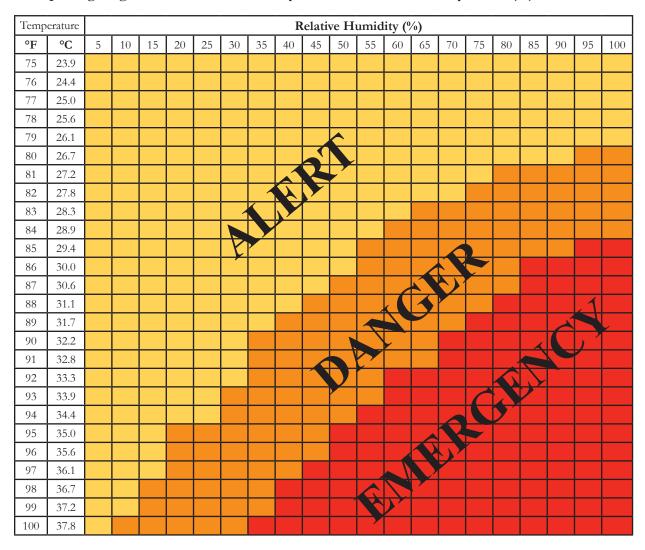


## Temperature - Humidity Index Table

## Transporting Hogs: Livestock Weather Safety Index - Relative Humidity Levels (%)1



## How to Read This Chart

- 1. Check the weather forecast for temperature and humidity.
- 2. Locate the expected temperature in the column on the left.
- 3. Extend that temperature in a straight line across the chart until it intersects with a line from the expected relative humidity.
- 4. If temperatures are above 37.8°C (100°F), the situation is DANGER. Schedule loading to avoid the hottest hours and avoid traveling during congested traffic conditions. Cooling pigs prior to loading (e.g. misting, spraying) is recommended.
- 5. If the temperature is above 37.8°C (100°F) and the relative humidity is above 30%, the situation is EMERGENCY, and shipments should be postponed until the weather moderates.

<sup>1</sup> Source: Ontario Pork. Adapted from Dr. Frank Wiersma (1990) Department of Agricultural Engineering, University of Arizona, Tucson