

affect how often it should be cleaned. For example, where weather stations are placed in an open area near an orchard, vineyard or woods, make sure that tipping bucket rain gauges are not subject to filling with leaf litter from adjacent areas.

For RainWise MKIII SP stations, to clean it pull the cotter pin out, remove the screen and clear the drain hole. You can clean the collector and tipping bucket with warm soapy water if necessary. Make sure you rinse it well afterwards. When putting it back together, if the cotter pin legs hang down inside the bucket collector, they may interfere with the tipper mechanism. The cotter pin legs MUST be bent up so they don't interfere with the tipper.

Leaf wetness sensors: NEWA suggests that you place plastic grid type leaf wetness sensors facing north and angled 45 degrees from horizontal. If they are attached close to the weather station, this protects the sensor and cables from pruning, spraying and harvesting activities. Periodically check the plastic grid for cracks that would expose the metal wire grid. Replace any broken or cracked leaf wetness sensors.

Wind speed, anemometers: The anemometer should spin freely and be free of debris of any kind. Periodically inspect the anem