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CREATE TABLE JuicePlantStats (
    ID INT IDENTITY(1,1) PRIMARY KEY,
    Timestamp DATETIME,
    LoadUsage FLOAT,
    Temperature FLOAT,
    MaterialIn FLOAT,
    MaterialOut FLOAT,
    MaterialLost FLOAT,
    RedJuice INT,
    GreenJuice INT,
    BlueJuice INT,
    DamagedBottles INT,
    TotalRedJuice INT,
    TotalGreenJuice INT,
    TotalBlueJuice INT,
    TotalDamagedBottles INT,
    TotalBottles INT
);

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-- Pause for 1 second
WAITFOR DELAY '00:00:01';

DECLARE @MaterialIn FLOAT, @MaterialOut FLOAT;
SET @MaterialIn = 90 + (RAND() * 10); -- Random value between 90 and 100
SET @MaterialOut = @MaterialIn - (RAND() * 5); -- Slightly less than MaterialIn

INSERT INTO JuicePlantStats (
    Timestamp, LoadUsage, Temperature, MaterialIn, MaterialOut, MaterialLost,
    RedJuice, GreenJuice, BlueJuice, DamagedBottles, TotalRedJuice,
    TotalGreenJuice, TotalBlueJuice, TotalDamagedBottles, TotalBottles
)
VALUES (
    GETDATE(),
    90 + (RAND() * 10), -- LoadUsage: random value between 90 and 100
    80 + (RAND() * 40), -- Temperature: random value between 80 and 120
    @MaterialIn,
    @MaterialOut,
    @MaterialIn - @MaterialOut, -- MaterialLost
    FLOOR(RAND() * 2), -- RedJuice: either 0 or 1
    FLOOR(RAND() * 2), -- GreenJuice: either 0 or 1
    FLOOR(RAND() * 2), -- BlueJuice: either 0 or 1
    FLOOR(RAND() * 2), -- DamagedBottles: either 0 or 1
    ISNULL((SELECT SUM(RedJuice) FROM JuicePlantStats), 0) + FLOOR(RAND() * 2),
    ISNULL((SELECT SUM(GreenJuice) FROM JuicePlantStats), 0) + FLOOR(RAND() * 2),
    ISNULL((SELECT SUM(BlueJuice) FROM JuicePlantStats), 0) + FLOOR(RAND() * 2),
    ISNULL((SELECT SUM(DamagedBottles) FROM JuicePlantStats), 0) + FLOOR(RAND() * 2),
    ISNULL((SELECT SUM(RedJuice) + SUM(GreenJuice) + SUM(BlueJuice) FROM JuicePlantStats), 0) + FLOOR(RAND() * 2)
);
END

```