

**State of California**  
Department of Food and Agriculture  
Division of Measurement Standards

Certificate Number: 5659-11

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***California Type Evaluation Program***  
***Certificate of Approval***  
***for Measuring and Weighing Devices***

**For:**

Scale System Controller  
Weigh Station Application  
Model: Tomato Star Grade Station Software  
Version: 1.0.0 or higher

**Submitted by:**

The Morning Star Company  
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**Standard Features and Options**

Primary weight indications and motion detection are provided by a compatible, certified indicating element.

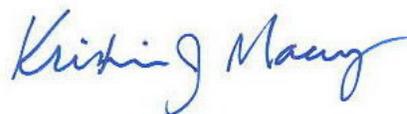
Semi-automatic zero capability  
Ticket/receipt print capability  
Predetermined tare  
Stored tare

Minimum system requirements:   Computer display  
  Alphanumeric keyboard  
  Network server (for IT support only, no remote configuration)  
  Printer  
  Local terminal and network configuration

                  Operating system:   Windows XP or later  
                  Program Language:   Visual Basic  
                  Processor:       1 GHZ Pentium 4 CPU, 256 MB RAM

**Note:** The user of this system is responsible for correct weighmaster certificate content and compliance with applicable weighmaster laws.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.



Effective Date: June 2, 2011

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Kristin J. Macey, Director

**The Morning Star Company**  
**Scale System Controller / Weigh Station Application**  
**Model: Tomato Star Grade Station Software / Version: 1.0.0**

**Application:** Tomato grading scale system controller when interfaced with compatible certified indicating and weighing elements.

**Identification:** The identification information is continuously displayed at the bottom of the screen when the system is running.

**Sealing:** There are no sealable parameters controlled by this device.

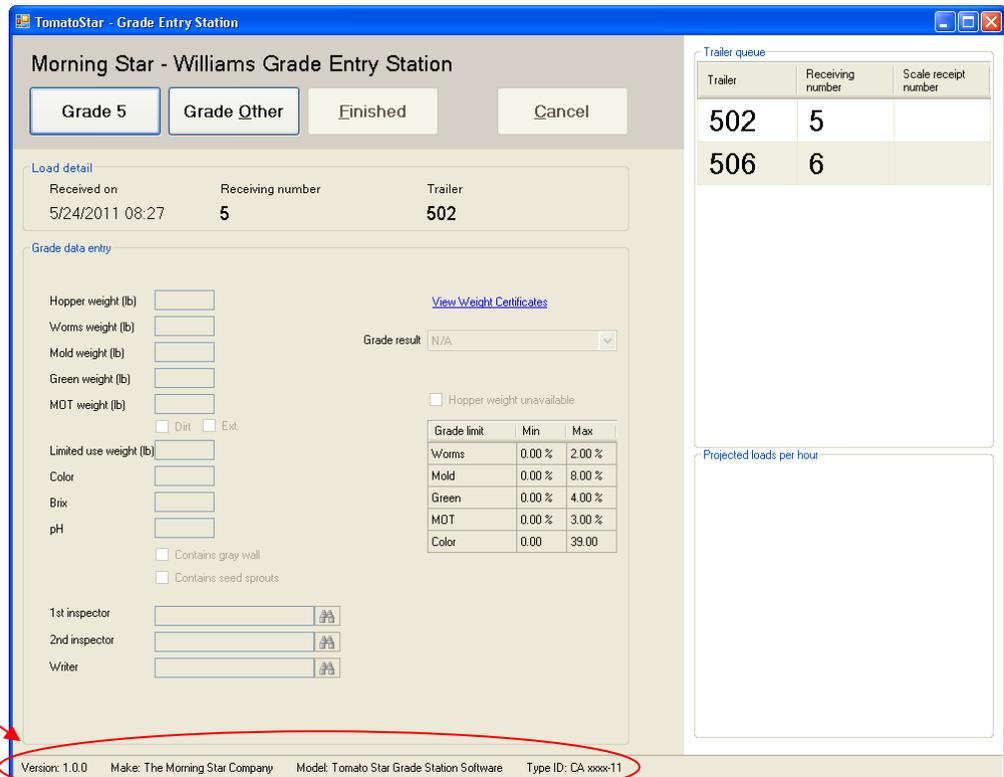
**Operation:** The operator logs onto the system using a pre-assigned password. The operator uses predetermined tares and manually enters the gross weight of a truck. Sample tomatoes are taken, graded and weighed into the system. All tares based on pre-determined tares must be followed by “P.T.” on the weight ticket. A weight ticket is printed with the following information: gross, tare, and net weight, time, date, location of transaction, truck ID, trailer ID, and operator ID.

**Test Conditions:** The Model Tomato Star Grade Station Software (version 1.0.0) was interfaced and tested with a Transcell Model BSS-250 digital weight indicator (Certificate of Conformance Number 98-089A2), Virtual Measurement and Control, load cell Model VC-505 (Certificate of Conformance Number 97-028) and a printer. Several weighing operations were carried out at a field location and several weigh tickets were printed. The emphasis of the evaluation was on device design, operation, marking requirements, tomato grading, and interaction with the weighing indicator, printed information and compliance with accurate weighing requirements. Motion detection, calibration, and momentary power loss were also examined.

Results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2011 Edition

**Tested By:** J. Roach (CA)



ID location