

Computer Requirements for Southern Regional Dairy Challenge

Updated 9/22/2023

All schools are responsible for bringing computers to the competition; no computers are being provided for this event. We ask each school to bring at least ONE (1) Laptop computer, TWO (2) if possible. In addition, students should plan to use their own computers to prepare presentation materials and load material from the Contest Data Page of Southern Regional Dairy Challenge Website. Student computers do not have to be checked in. Please drop additional computers at Dairy Challenge Central. **Computers for use during the contest should have** the following minimum requirements; these requirements are minimums – typically, bigger is better.

Hardware Minimums

Reliable, working, and in-good-condition PC Laptop – **absolutely no Macs without installed/configured Software that provides a PC Platform.**

Operating system – Win 10 or newer (fully patched with current Windows updates).

Administrator logon and password – this is a **MUST HAVE**.

Processor – 1.5Mhz P4 Celeron processor or better.

RAM – 4 Gb minimum (8 Gb or more preferred)

Hard drive – minimum of 20 GB of free space after all software is loaded.

Video – 800x600 minimum resolution.

USB ports – 1 required, 2 or more better (version 1.1 is ok, version 2.0 or higher preferred).

Software Minimums (to be loaded and tested prior to contest)

You are responsible for:

Microsoft Office 2010, 2013 or 2016 – regardless of version, all updates should be applied.

Anti-Virus software with current, up-to-date virus definitions.

Adobe 9 or higher.

The contest is responsible for:

- All Herd Data
- All Contest Data
- Dart
- DairyComp 305

A few days prior to the contest, both Dart and DairyComp 305 (dairy herd management programs) will be available for download and installation from the Southern Regional Dairy Challenge Website.

Cameras will be provided.

Schools who have access to LCD Projectors are encouraged to bring one; the contest will need up to 6 total.

Additional material

- Calculator, measuring tape, watch/stopwatch, pens and clean notepads.

- NRC Nutrient Requirements of Dairy Cattle can be freely downloaded [here](#) or at: <https://www.nap.edu/>

Failure to meet the stated requirements above will, at a minimum, be a major hindrance on individual team performance and may, at worst, render the team non-competitive.