

# Computer Requirements for 2017 Southern Regional Dairy Challenge

Updated 101817

All schools are responsible for bringing computers to the competition. A small number of computers are being provided for this event; these computers will be loaded with the herd data in both PCDART and DairyComp 305 programs and will be used by aggregate teams and judges' panels. In addition, we ask each school to bring at least ONE (1) university laptop computer with the following minimum requirements. These requirements are **minimums** – typically, bigger is better. **Again for 2017 SRDC: Students will be allowed to use their own computers and have access to the internet for this Southern Regional contest.** As such, students are encouraged to bring their own computers to prepare presentation materials and load material from Contest Data USB. University and student computers do not have to be checked in. In the event of a failure, loaner systems may or may not be available.

Also, schools who have access to LCD Projectors are encouraged to bring one. The contest will need up to 6 total.

## **Hardware Minimums**

Reliable, working, and in-good-condition PC Laptop – **absolutely no Macs without installed/configured Parallel (or similar) Software.**

Operating system – Win 7, 8 or 10 (fully patched with current updates).

Administrator logon and password – this is a **must have.**

Processor – 1.5Mhz P4 Celeron processor or better.

RAM – **2 Gb** or more.

Hard drive – minimum of 10 GB of free space after all software is loaded.

CD-R drive – there is no minimum speed requirement (faster is better).

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 2000, XP, 97 – 2003, 2007, 2010, 2013 or 2016 – regardless of version, all updates should be applied.

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

**The contest is responsible for:**

- All Herd Data
- All Contest Data
- PCDART
- DairyComp 305

Both PCDART and DairyComp 305 (dairy herd management programs with the herd data) will be installed for you at the contest site.

**Cameras will be provided.**

## **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.**