NC STATE EXTENSION

A NEW RISK FOR TODAY'S FARM

Farm Cybersecurity

Protect the accounts, devices and data your farm depends on.



CYBERPEST Management Resources

AgDefenders An NC-PaCE Initiative

Protect your work. Keep your farm running.

NC STATE EXTENSION

CYBERPEST Management Resources

A cyber problem can stop farm work.

Email, business records and connected equipment all support daily operations.

Money

A fake supplier invoice

A payment goes to a scammer.

Records

Ransomware locks files

You lose access to important farm records.

Operations

Irrigation or livestock controls are disrupted

Essential farm work is interrupted.

Protecting digital tools helps protect your time, income and production.

Sources: NC State Extension | Farm Cybersecurity: Real Farm Impacts; Quick Guide for Farmers

AgDefenders An NC-PaCE Initiative

Manage cyber risk like a farm risk.

CyberPest Management applies a familiar approach to the digital side of your farm.



Know what you have

List connected devices, accounts and support contacts.

Prevent problems

Build the CORE 4 habits into everyday work.

Watch for warning signs

Notice unusual messages, logins or equipment behavior.

Plan to respond and recover

Protect essential operations and know who to call.

Sources: CyberPest Management; Tools and Checklists; Get Help! Something Has Happened

Start with the CORE 4.

Small, repeatable habits can reduce risk across the accounts and systems you use.

Use long, unique passwords

Use a password manager.
Replace factory-default passwords.

Turn on MFA

Multifactor authentication adds a second sign-in check.

Spot phishing and scams

Pause before you click, share or pay.
Verify unexpected requests.

Keep software updated

Update phones and computers.
Plan equipment updates with your vendor.

Sources: Quick Guide for Farmers, pages 1-4 | CyberPest Management CORE 4 how-to guides

NC STATE EXTENSION

CYBERPEST Management Resources

AgDefenders An NC-PaCE Initiative

Take one step today.

Start with your main email account: use a unique password and turn on MFA.

Your next steps are here.

→ CORE 4 how-to guides

→ Printable quick guide + device inventory

→ Real farm stories

→ Guidance after a cyber incident



Download the guide

Scan for resources

Learn More About AgDefenders

farmcybersecurity.ces.ncsu.edu

Contact Kenneth Sherin: kmsherin@ncsu.edu