



Software and Device Security



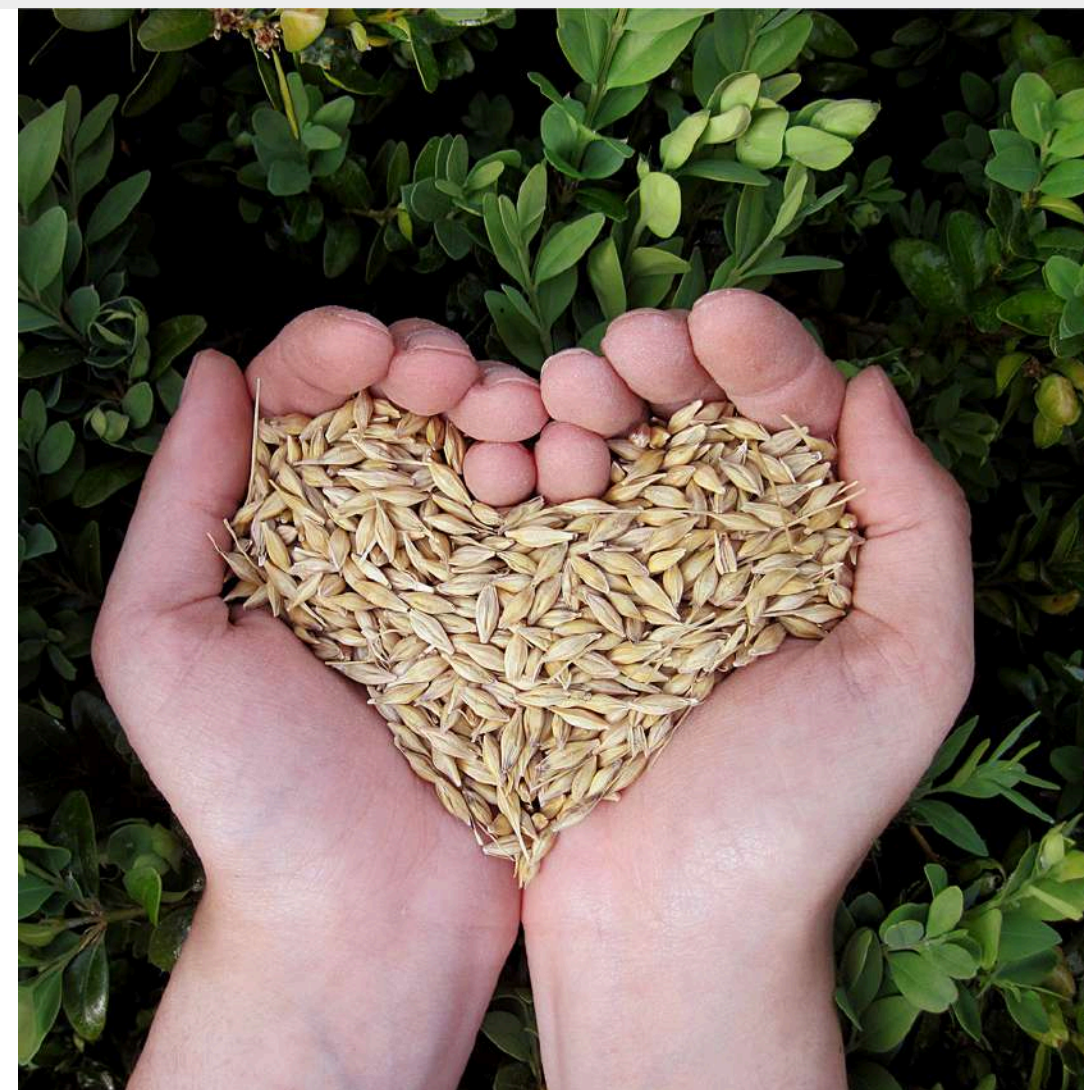
■ Why are software updates essential?

- **Importance:** Keeping your software up to date ensures that your devices are protected from the latest cyber threats.
- **Risks:** Computer virus, compromised credentials, loss of data.
- **Think of it as:** Regular maintenance of your essential farm equipment so everything runs smoothly.
- **Solution:** Keep software up to date.



The risks of using public Wi-Fi

- **Risks:** Public Wi-Fi is often unsecured, allowing hackers to intercept your data.
- **Think of it as:** Leaving your farm gate open for anyone to drive in.



• **Solution:** Avoid accessing sensitive information, such as banking and farm operations when on public Wi-Fi and use a Virtual Private Network(VPN) for added protection.



Dangers of public USB outlets

01

Risks: Connecting to unknown USB outlets can introduce malware to your devices.

02

Think of it as: A disease entering your farm and spreading through your livestock.

03

Solution: Only use trusted USB devices and avoid unknown outlets.





Physical security

- 01 Importance:** Ensure computers, tablets, mobiles and smart devices are stores securely.
- 02 Risks:** Loss or contamination of vital farm data and loss of control of farm equipment, such as tractors and irrigators.
- 03 Think of it as:** Locking your gate, shed and farm equipment.
- 04 Solution:** Secure all digital devices physically as you would your farm assets.





Best practices for device security

01

Strong passwords: Protect all devices with strong and unique passwords.

02

Security software: Use anti-malware tools and antivirus software to protect your devices and connected farm equipment.

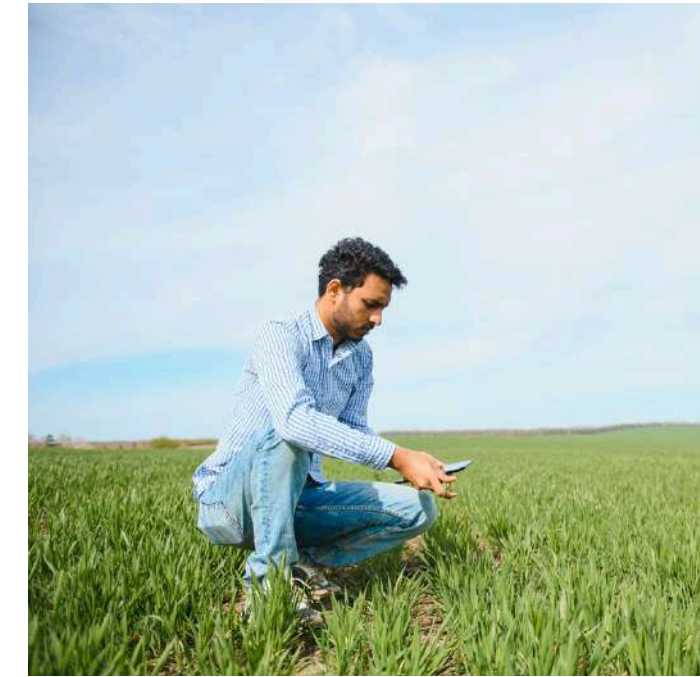
03

Regular backups: Frequently back up your data to prevent loss.

04

Stay informed: Keep up to date with the latest cybersecurity threats and best practices.





Resources and Further Reading



cyber.gov.au



[National Farmers Federation](https://www.nff.org.au)



[Essential Cyber Security](https://www.essentialcybersecurity.gov.au)



[Cyber Wardens](https://www.cyberwardens.gov.au)



[Grain Producers Australia](https://www.grainproducers.com.au)



[Agriculture.gov.au](https://www.agriculture.gov.au)



Contact Us



<https://www.csu.edu.au/research/farmers-cybersecurity>

Thank You

Uplifting farmers' cyber security awareness