

JANUARY

FOOD MANUFACTURE / LOGISTICS

1. Intelligent Packaging: Reducing fresh food waste with food preservation technology
2. New solutions for preserving fruit and veg, sanitising food production machinery

FEBRUARY

AGTECH COUNTRY FOCUS - CANADA

1. Saskatchewan, reducing pesticides, making crops more resilient to diseases, increasing yields
2. Interviews / Evan Fraser (Ottawa Smart Farm) and Kelly Daize (Area X.O)

BIOTECHNOLOGY

3. Do edible plant-based vaccines have a future? (Eggs vs plants, algae-based, bananas, COVID-19, African Swine Flu)

MARCH

WEATHER & CLIMATE

1. How new technology is addressing the impact of eating meat (Methane reduction & recycling, animal feed, vertical farming etc.)

PRECISION AGRICULTURE

2. How field data mapping saves money and helps the environment (Satellite data, pesticides & chemicals, sensors, drones)

APRIL

LIVESTOCK MONITORING

1. How technology is improving the health of livestock herds (Wearables, biosensors, facial recognition, sound and other technologies)

VERTICAL FARMING

2. Is vertical farming really sustainable and commercially viable? (Shipping containers, scale, harsh environments, crop types, hospitality or consumer, CEA)

MAY

ROBOTICS IN THE FIELD

1. Interview (TBD)

ROBOTICS IN THE KITCHEN

2. Interview (TBD)

JUNE

COUNTRY FOCUS - UK

1. Our top 10 UK food and farming technology companies

FOOD LOGISTICS

2. Interview: (Company TBD) Automated grocery picking and packing (Produce flow from arrival to exit, crate packing etc)

JULY

PEST MANAGEMENT

1. The tech companies reducing pesticide use (Monitoring, biotechnology, precision, traps, data)

WATER & IRRIGATION

2. Optimising water use in an increasingly unpredictable climate (Solar, soil, plants & weather sensors, soil additives, IoT)

AUGUST

PLANT BASED FOODS

1. Interview (TBD)

CULTURED MEATS

2. Interview (TBD)

SEPTEMBER

AGRICULTURAL DRONES

1. Can drones go beyond small scale farming solutions? (Spraying, mapping, operator skills, cultural acceptance)

EDIBLE INSECTS

2. Interview (TBD)

OCTOBER

AUTONOMOUS VEHICLES

1. Here come the self-driving tractors and combines (topographic analysis, driving, cutting, obstacle avoidance & safety)

BLOCKCHAIN

2. Interview (TBD)

NOVEMBER

COUNTRY FOCUS - ISRAEL

1. Our top 10 Israeli food and farming technology companies

AGRICULTURAL MACHINERY

2. How track & tyre technology is improving agricultural efficiency (Sensors, IoT, tyres vs tracks, soil compaction)

DECEMBER

DATA & ANALYTICS

1. The top 10 companies driving data-driven farming
2. 5G on farms - which country leads the way?