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Guidance

Productivity items and specifications – Farming Equipment and Technology Fund (FETF) 2024

Updated 20 February 2024

Applies to England

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Each item in this list has an expected average cost, based on item costs from a cross-section of suppliers.

The Rural Payments Agency (RPA) will pay you a grant amount of 50% or 60% towards either:

- the average cost of the item – if an item costs you the same or more than the expected average cost in this list
- the actual cost you pay for the item– if an item costs you less than the average cost in this list

How applications for productivity items are scored

Applications for productivity items are scored on:

- productivity benefit
- environmental benefit
- level of adoption by the industry

Each productivity item has a score up to 100.

The RPA will give your application a score by:

- adding together the scores for each item in your application (if you apply for more than one of the same item, the item will only be scored once)
- dividing this number by the number of items in your application (if you apply for more than one of the same item, the item will only be counted once)

Example 1

1 x FETF45: direct drill (item score 67)

Application score: 67

Example 2

1 x FETF45: direct drill (item score 67)

2 x FETF51: retro fitted yield monitoring (item score 59)

1 x FETF220: real-time in line forage crop analyser (item score 57)

Application score: 61 ($67+59+57 = 183$. $183 \div 3 = 61$)

Productivity items and specifications

Check this list carefully.

Some items and specifications in this list have changed from those in the Farming Equipment and Technology Fund (FETF) 2023. Some equipment may no longer be eligible.

New items are identified in this list.

Arable

FETF205 - Direct drill 4m

Expected average cost of item (£): 35,690

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 17,845

Score: 59

Item must:

- be a direct drill
- use either tines or discs to produce the seeding slot
- have a 3.9m minimum drilling width
- have no fertiliser placement mechanism in front of the seeding slot
- place the seed in the seeding slot
- drill through an established growing cover crop of at least 15cm
- have a seed hopper with a capacity of at least 1,000L
- have precision metering
- drill the full range of arable and cover crops including cereals

The following are not eligible:

- drills with cultivation, seed bed preparation, or fertiliser placement equipment in front of the seeding slot
- cultivators with over-seeders
- cultivators with broadcasters
- minimum till drills
- strip till drills
- grassland over-seeders
- grassland broadcasters

You must provide this item's serial number when you submit your claim for payment.

FETF206 - Direct drill with fertiliser placement 3m

Expected average cost of item (£): 68,000

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 40,800

Score: 68

Item must:

- be a direct drill with fertiliser placement
- use either tines or discs to produce the seeding slot
- have a 2.9m minimum drilling width
- have no cultivation or seed bed preparation equipment in front of the seeding slot mechanism except where part of the fertiliser placement.
- place the seed in the seeding slot
- place the fertiliser below or to the side of the seed in the seeding slot
- drill through an established growing cover crop of at least 15cm
- have separate seed and fertiliser hoppers
- have precision metering
- drill the full range of arable and cover crops including cereals

The following are not eligible:

- drills with cultivation or seed bed preparation equipment in front of the seeding slot, unless this is part of the fertiliser placement equipment
- drills that broadcast fertiliser on the surface rather than place the fertiliser in the soil below or to the side of the seed
- cultivators with over-seeders

- cultivators with broadcasters
- minimum till drills
- strip till drills
- grassland over-seeders
- grassland broadcasters

You must provide this item's serial number when you submit with your claim for payment.

FETF207 - Air drill for establishing cover crops

Expected average cost of item (£): 3,150

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 1,890

Score: 64

Item must:

- be a pneumatic (air) drill
- be designed to be mounted on existing drills or soil tillage equipment
- have electronic metering
- be able to drill small cover crop seeds
- use either pipes, coulters or spreader plates to place the seed
- have a minimum 3m drilling width
- have a seed hopper with a minimum 300L capacity

You must provide this item's serial number when you submit your claim for payment.

FETF208 - Tractor mounted stubble rake 6m

Expected average cost of item (£): 16,800

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 8,400

Score: 61

Item must:

- be a tractor mounted stubble rake
- have a minimum 6m working width

- have tines to agitate the soil surface and spread crop residues evenly across the field
- break up damp mats of straw

You must provide this item's serial number when you submit your claim for payment.

FETF210 - Inter row companion drills 6m

Expected average cost of item (£): 22,225

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 13,335

Score: 66

Item must:

- be an inter row companion drill
- use either tines or discs to produce the seeding slot
- have a drilling width of at least 5.9m
- place the seed in the seeding slot
- drill between the rows of an established growing crop
- be able to vary widths between coulters
- have minimum inter row spacing between coulters of 45cm
- drill the full range of arable and cover crops including cereals

The following are not eligible:

- drills that use broadcasting or over seeding to place the seed in the seed bed
- drills with cultivation or seed bed preparation equipment in front of the seeding slot

You must provide this item's serial number when you submit your claim for payment.

FETF211 - Liquid fertiliser applicator for seed drills/planters 3m

Expected average cost of item (£): 14,800

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 8,880

Score: 66

Item must:

- be a liquid fertiliser applicator for seed drills
- incorporate the solution into the soil as part of the drilling or planting process
- have a minimum 3m drilling or planting width
- have a fill tank
- have a hydraulic powered pump
- have a drill mounted liquid distribution manifold
- have pressure regulation
- have a nozzle and pump flush system
- apply the solution at different rates using built in calibration
- have a system to prevent nozzles from blocking or a liquid blockage monitoring system
- have an in-cab application control and monitoring system using the display supplied with device or ISOBUS connection

Applicators that use surface application of liquid fertiliser or liquid chemicals such as herbicides and fungicides are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF212 - Liquid fertiliser applicator for seed drills/planters 6m

Expected average cost of item (£): 18,385

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 11,031

Score: 71

Item must:

- be a liquid fertiliser applicator for seed drills
- incorporate the solution into the soil as part of the drilling or planting process
- have a minimum 6m drilling or planting width
- have a fill tank
- have a hydraulic powered pump
- have a drill mounted liquid distribution manifold
- have pressure regulation

- have a nozzle and pump flush system
- apply the solution at different rates using built in calibration
- have a system to prevent nozzles from blocking or a liquid blockage monitoring system
- have an in-cab application control and monitoring system using the display supplied with the device or ISOBUS connection

Applicators that use surface application of liquid fertiliser or liquid chemicals such as herbicides and fungicides are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF410 - Combine mounted weed seed reduction system

Expected average cost of item (£): 59,248

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 35,548.80

Score: 70

This item is new for 2024. Item must:

- be a combine mounted weed seed reduction system
- be mounted on the combine
- process weed seeds in the chaff to make them unviable
- use milling, grinding, smashing or cracking of the weed seeds to make them unviable
- able to be retrofitted to combines

You must provide this item's serial number when you submit your claim for payment.

FETF44 - Direct drill 3m

Expected average cost of item (£): 30,135

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 15,067.50

Score: 54

Item must:

- be a direct drill
- use either tines or discs to produce the seeding slot
- have a 2.9m minimum drilling width
- have no fertiliser placement mechanism in front of the seeding slot
- place the seed in the seeding slot
- drill through an established growing cover crop of at least 15cm
- have a seed hopper with a capacity of at least 1,000L
- have precision metering
- drill the full range of arable and cover crops including cereals

The following are not eligible:

- drills with cultivation, seed bed preparation, or fertiliser placement equipment in front of the seeding slot
- cultivators with over-seeders
- cultivators with broadcasters
- minimum till drills
- strip till drills
- grassland over-seeders
- grassland broadcasters

You must provide this item's serial number when you submit your claim for payment.

FETF45 - Direct drill 6m

Expected average cost of item (£): 55,800

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 27,900

Score: 67

Item must:

- be a direct drill
- use either tines or discs to produce the seeding slot
- have a 5.9m minimum drilling width
- have no fertiliser placement mechanism in front of the seeding slot
- place the seed in the seeding slot
- drill through an established growing cover crop of at least 15cm
- have a seed hopper with a capacity of at least 1,000L
- have precision metering

- drill the full range of arable and cover crops including cereals

The following are not eligible:

- drills with cultivation, seed bed preparation, or fertiliser placement equipment in front of the seeding slot
- cultivators with over-seeders
- cultivators with broadcasters
- minimum till drills
- strip till drills
- grassland over-seeders
- grassland broadcasters

You must provide this item's serial number when you submit your claim for payment.

FETF51 - Retro fitted yield monitoring for combines and crop harvesters

Expected average cost of item (£): 3,068

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 1,840.80

Score: 59

Item must:

- be a retrofitted yield monitoring for combines and crop harvesters
- be fitted to the combine or crop harvester (including forage harvester)
- monitor crop yield during harvest
- provide information on harvesting rate, with total and partial area (field) yield of crop
- have a yield sensor for combine or forage harvester
- have an in-cab display or ISOBUS connection and software for downloading data to your computer

The following are not eligible:

- software or activation codes for existing sensors and displays
- purchase of in-cab displays and software only

You must provide this item's serial number when you submit your claim for payment.

FETF54 - Controls for continuous grain dryer

Expected average cost of item (£): 5,890

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 2,945

Score: 50

Item must:

- be controls for a continuous grain dryer
- continuously monitor and analyse the grain dryer
- send the information to a mobile phone or tablet
- be accessed and controlled remotely using a mobile phone or tablet

FETF55 - Grain stirrers

Expected average cost of item (£): 21,685

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 10,842.50

Score: 40

Item must:

- be a grain stirrer
- be installed in a flat store, not a bin
- move automatically across the store on a gantry

Forestry

FETF408 - Harvesting head with bark stripping

Expected average cost of item (£): 83,300

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 49,980

Score: 70

This item is new for 2024. Item must:

- be a harvesting head with bark stripping
- be able to fell and de-limb
- be able to cut timber to required lengths
- remove all the bark from the trunk during delimiting
- fell and cut trees of minimum 150mm in diameter
- have a feed speed of at least 2m per second

You must provide this item's serial number when you submit your claim for payment.

FETF11 - Forestry moulder to aid tree planting

Expected average cost of item (£): 30,700

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 18,420

Score: 59

Item must:

- be a forestry moulder
- produce a discontinuous mounding with no more than 1m of bare soil before a break of 1m to reduce risk of run off
- create a bare area on the mound to allow direct planting into bare ground
- fully invert the soil to bury surface vegetation

Forestry mulchers are not eligible under this item.

You must provide this item's serial number when you submit your claim for payment.

FETF12 - Smaller self-propelled forwarders

Expected average cost of item (£): 61,167

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 30,583.50

Score: 54

Item must:

- be a smaller self-propelled forwarder

- have an enclosed cab for roll over protection, operator protection and falling object protection
- have a payload of at least 2 tonnes and maximum of 6 tonnes
- have low ground pressure tyres
- have a crane with a reach of at least 3.5m and a lift capacity of at least 300kg at 3.5m reach

You must provide this item's serial number when you submit your claim for payment.

FETF13 - Harvesting head (large)

Expected average cost of item (£): 40,198

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 24,118.80

Score: 63

Item must:

- be a harvesting head
- be able to fell and de-limb
- cut timber to required lengths
- be able to fell and cut trees of a minimum 300mm in diameter
- have a feed speed of at least 4m per second

You must provide this item's serial number when you submit your claim for payment.

FETF14 - Tree shears capacity to fell 300mm diameter trees

Expected average cost of item (£): 4,511

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 2,255.50

Score: 59

Item must:

- be tree shears
- grip and hold trees of at least 300mm in diameter

- shear cut trees of at least 300mm in diameter

Tree shears which use saw blades to cut the tree are not eligible under this item.

You must provide this item's serial number when you submit your claim for payment.

FETF15 - Tree shears capacity to fell 650mm diameter trees

Expected average cost of item (£): 25,000

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 12,500

Score: 64

Item must:

- be tree shears
- grip and hold trees of at least 650mm in diameter
- shear cut trees of at least 650mm in diameter

Tree shears which use saw blades to cut the tree are not eligible under this item.

You must provide this item's serial number when you submit your claim for payment.

FETF16 - Forestry grab or grapple

Expected average cost of item (£): 2,590

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 1,295

Score: 45

Item must:

- be a forestry grab or grapple
- be designed for handling felled trees
- safely pick up and hold trees and saw logs up to 900mm in diameter
- open to at least 1.3m when fully opened

You must provide this item's serial number when you submit your claim for payment.

FETF17 - Timber cranes

Expected average cost of item (£): 14,200

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 7,100

Score: 50

Item must:

- be a timber crane
- be either cab mounted, mountable using 3-point linkage to a tractor, or fit on to a timber trailer
- be designed for extracting timber from woodland
- be fitted to existing tractors or forestry trailers
- have a reach of at least 6m
- have a lift capacity of at least 500kg at 6m reach
- have a rotator, and grab and valve block

Other forms of cranes are not eligible under this item.

You must not apply for this item if you're applying for a forwarder where the crane is included.

You must provide this item's serial number when you submit your claim for payment.

FETF18 - Forestry / timber trailers small

Expected average cost of item (£): 8,563

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 4,281.50

Score: 36

Item must:

- be a forestry/timber trailer
- be designed for use in forests and woodland to extract felled timber
- have no floor or sides

- have a permanent headboard
- have at least 6 permanent bolsters
- have low ground pressure tyres, floatation tyres or an automatic inflation and deflation system for tyres
- have a timber carrying capacity of at least 2,000kg
- use trailer hitch eyes to attach to a towing vehicle

Trailers using ball hitches for towing are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF19 - Forestry / timber trailers large

Expected average cost of item (£): 12,000

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 6,000

Score: 41

Item must:

- be a forestry/timber trailer
- be designed for use in forests and woodland to extract felled timber
- have no floor or sides
- have a permanent headboard
- have at least 6 permanent bolsters
- have low ground pressure tyres, floatation tyres or an automatic inflation and deflation system for tyres
- have a timber carrying capacity of at least 9,000kg
- use trailer hitch eyes to attach to a towing vehicle

Trailers using ball hitches for towing are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF20 - Timber winches

Expected average cost of item (£): 8,501

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 4,250.50

Score: 41

Item must:

- be a timber winch
- be either tractor or forwarder mountable
- have automatic safety braking
- be controllable remotely using an electric cable or radio control device
- have a pulling force of 65kN or more
- come with at least 9m of wire rope
- have a logging plate
- have a protection guard to protect driver when seated in tractor cab

You must provide this item's serial number when you submit your claim for payment.

FETF201 - Automatic tree planter

Expected average cost of item (£): 59,329

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 35,597.40

Score: 58

Item must:

- be an automatic tree planter
- be excavator mountable
- prepare a planting hole, insert a small tree, and water it in one operation

FETF202 - Forestry mulcher

Expected average cost of item (£): 11,231

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 6,738.60

Score: 56

Item must:

- be a forestry mulcher
- be tractor or skid steer mounted

- be PTO or hydraulically powered
- shred branches up to 7.5cm in diameter
- shred material down to 25mm below ground
- have a minimum 1.8m working width

Grass flail mowers are not eligible.

For an alternative mulcher, see item FETF200P - Tractor mounted flail mulcher for orchards and vineyards.

You must provide this item's serial number when you submit your claim for payment.

FETF406 - Harvesting head (small)

Expected average cost of item (£): 42,000

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 25,200

Score: 58

This item is new for 2024. Item must:

- be a harvesting head
- be able to fell and de-limb
- be able to cut timber to required lengths
- fell and cut trees of at least 200mm in diameter
- have a feed speed of at least 2m per second

You must provide this item's serial number when you submit your claim for payment.

FETF407 - Mobile air curtain burner for use in forestry

Expected average cost of item (£): 68,000

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 40,800

Score: 57

This item is new for 2024. Item must:

- be a mobile air curtain burner for use in forestry

- have a a capacity of at least 15m³
- deliver controlled burning at 1000°C
- have segmented ceramic liner panels
- have a high velocity airflow over the top of the burning chamber

Items that use fossil fuel in the combustion process are not eligible.

This item is only available to forestry owners and forestry contractors.

You must provide this item's serial number when you submit your claim for payment.

General

FETF109 - Central tyre inflation system

Expected average cost of item (£): 6,933

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 4,159.80

Score: 61

Item must:

- be a central tyre inflation system to regulate the tyre pressure of all tyres on the vehicle - inflate or deflate tyres from the cab to suit ground conditions
- maintain air pressure in a tyre if there is a slow leak until the vehicle can be moved to a safe place
- have a pneumatic control unit
- have an operator control panel
- have wheel valves and a pressure switch
- only be fitted to agricultural and forestry machines

You can buy a central tyre inflation system as a factory fitted option to new machines.

Central tyre inflation systems for cars, 4x4s, vans and commercial vehicles are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF110 - Cover crop roller 3m

Expected average cost of item (£): 4,880

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 2,928

Score: 56

Item must:

- a cover crop roller to terminate or bruise cover crops before direct drilling
- have a minimum 3m working width
- have an uneven or ridged surface to help crimp or bruise the cover crop
- crimp or bruise the crop across the full working width of the roller

Flat rolls and ring rolls are not eligible under this item.

You must provide this item's serial number when you submit your claim for payment.

FETF111 - Cover crop roller 6m

Expected average cost of item (£): 8,282

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 4,969.20

Score: 61

Item must:

- be a cover crop roller to terminate or bruise cover crops before direct drilling
- have a minimum 6m working width
- have an uneven or ridged surface to help crimp or bruise the cover crop
- crimp or bruise the crop across the full working width of the roller

Flat rolls and ring rolls are not eligible under this item.

You must provide this item's serial number when you submit your claim for payment.

FETF117 - Crop storage sensor system

Expected average cost of item (£): 4,818

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 2,409

Score: 55

Item must:

- be a crop storage sensor system
- a system control unit able to send information to mobile phone, tablet or computer
- an alert function when temperature or humidity fall outside the permitted range
- sensor to measure internal store temperature
- sensor to measure external temperature
- 2 sensors to measure CO2 levels
- sensor to measure internal store humidity
- sensor to measure external humidity

FETF219 - Cameras for monitoring farmyard

Expected average cost of item (£): 291

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 145.50

Score: 31

Item must:

- be a camera for monitoring farmyards
- use IP (internet protocol)
- use either Wi-Fi, fibre, or mobile data connections
- be outdoor rated IP66 or more
- have pan, tilt and zoom (PTZ) functionality
- have day and night vision
- have night vision range of 50m minimum
- have 18 x zoom or better
- have definition of 1,080 pixels or more
- have recording facility either through a central recording device or have removable memory cards
- be compatible with online viewing app for smart phones or tablets

Item cost is based on a single camera unit.

You can apply for a maximum of 6 cameras for monitoring farmyards per application.

You can buy a linked multiple camera unit.

You must provide this item's serial number when you submit your claim for payment.

FETF220 - Real-time in line grain analyser

Expected average cost of item (£): 10,590

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 6,354

Score: 57

Item must:

- be a real-time in line grain analyser
- use Near Infra-Red (NIR) spectroscopy to analysis grain in real time
- analyse and record the level of moisture and protein levels in grain and oil level in oilseed rape
- electronically store data for later download to computer or the cloud to help with yield mapping
- come with ISOBUS connection or in cab display
- be fitted to the combine to provide continuous real-time analysis of the crop while being harvested
- be linked to GPS to provide accurate yields for whole and part fields harvested
- be able to be retrofitted to existing combine harvesters

Portable grain analysers are not eligible for this item.

Applications for software or activation codes for existing/pre-installed analyser system are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF421 - Onboard weighing system for agricultural trailers

Expected average cost of item (£): 3,495

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 1,747.50

Score: 58

This item is new for 2024. Item must:

- be an onboard weighing system for agricultural trailers
- weigh up to 15 tonnes
- have an accuracy of plus or minus 1.5%
- weigh load weight and gross weight
- have an overload alarm system
- have a digital display

FETF422 - Tractor powered electric desiccator for weed and plant control

Expected average cost of item (£): 89,500

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 50,000 – this item has been capped at the maximum grant amount

Score: 87

This item is new for 2024. Item must:

- be an electric weeder
- be a mobile unit
- use tractor PTO to drive the electrical generation system
- use a high voltage system to desiccate the selected growing plants
- use electrodes touching the selected growing plants to transfer the electrical charge
- be able to work in windy and wet weather conditions
- have a working speed of at least 2km/hr
- must not affect the soil, water nor insects during the application process

You must provide this item's serial number when you submit your claim for payment.

FETF423 - Chiller trailer for deer carcasses

Expected average cost of item (£): 15,091

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 9,054.60

Score: 58

This item is new for 2024. Item must:

- be a chiller trailer for deer carcasses
- be constructed to food grade standard with minimum 55mm insulation on all walls
- have a maximum gross weight for trailer (including pay load) no more than 1500 kg
- have a maximum internal height not exceeding 2.0m
- contain 2 high level hanging rails
- include a minimum of 20 roller-hooks and gambrels to hang the deer carcasses
- operate in temperature range of 1C to 8C, trailers with freezer capability not eligible
- have a lockable rear door
- be fitted with a rear carcass lift with winch
- be fitted with a temperature data logger to monitor and record temperature when in use
- be fitted with a rear non-slip galvanised step

You must provide this item's serial number when you submit your claim for payment.

FETF424 - Large chiller trailer for deer carcasses

Expected average cost of item (£): 19,839

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 11,903.40

Score: 63

This item is new for 2024. Item must:

- be a chiller trailer for deer carcasses
- be constructed to food grade standard with minimum 55mm insulation on all walls
- have a maximum gross weight for the trailer (including pay load) no more than 3500 kg
- have a maximum internal height not exceeding 2.0m

- contain 2 high level hanging rails
- include a minimum of 30 roller-hooks and gambrels to hang the deer carcasses
- operate in temperature range of 1C to 8C, trailers with freezer capability not eligible
- have a lockable rear door
- be fitted with a rear carcass lift with winch
- be fitted with a temperature data logger to monitor and record temperature when in use
- be fitted with a rear non-slip galvanised step

You must provide this item's serial number when you submit your claim for payment.

FETF46 - GPS light bar

Expected average cost of item (£): 809

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 404.50

Score: 54

Item must:

- be a GPS light bar with a pass to pass accuracy of 20cm or better
- be linked to smart phone or tablet
- create, recognise, and load field boundary information when linked to smart phone or tablet
- be able to provide field boundary measurements
- have a minimum capability of straight and curved guidance modes

FETF47 - Assisted steer system (retro fitted for older tractors)

Expected average cost of item (£): 1,911

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 1,146.60

Score: 49

Item must:

- be an assisted steer system retro-fitted to older tractors
- link to GPS
- include either an electric hands-free assisted steering system to be fitted on to the steering wheel or replaces an existing steering wheel

Software or activation codes for existing or pre-installed automatic steering systems are not eligible.

You must provide this item's serial number when you submit your claim for payment.

Horticulture

FETF1 - Electronic tray filling machine

Expected average cost of item (£): 14,844

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 7,422

Score: 65

Item must:

- be an electronic tray filling machine
- fill polystyrene trays, plug trays, shuttle trays and pots in trays
- fill 500 trays per hour
- be able to change filling density to achieve optimal compaction for different seeding requirements.
- be able of handling 600mm x 400mm trays.
- be compatible with a conveyor belt system to allow incorporation into a fully automated seeding line or transplanting line

You must provide this item's serial number when you submit your claim for payment.

FETF2 - Electronic row seeder

Expected average cost of item (£): 26,176

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 13,088

Score: 55

Item must:

- be an electronic row seeder
- be able to handle small batches of trays
- have a row bar dibbling and seeding unit - drum seeders are not eligible
- have a vibrating covering unit
- be able to process 2,000 rows of seed per hour
- be able to handle 600mm x 400mm trays
- be compatible with a conveyor belt system to allow for incorporation into a fully automated seeding line

You must provide this item's serial number when you submit your claim for payment.

FETF200 - Tractor mounted flail mulcher for orchards and vineyards (large)

Expected average cost of item (£): 2,400

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 1,440

Score: 56

Item must:

- be a tractor mounted flail mulcher for orchards and vineyards
- be tractor PTO driven
- shred branches up to 6cm in diameter into woodchips
- have a 1.6m minimum working width
- have a 3.0m maximum working width

You must provide this item's serial number when you submit your claim for payment.

FETF401 - Remote substrate sensors with datalogger

Expected average cost of item (£): 798

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 399

Score: 60

This item is new for 2024. Item must:

- be a remote substrate sensors with datalogger
- measure in real time
- collect and upload data to a computer, mobile phone, or tablet for real-time analysis
- provide alerts when the growing medium is too dry
- measure moisture content in all growing mediums between 0 to 0.7m³/m³ in increments of 0.01m³/m³ with an accuracy of plus or minus 0.01m³/m³
- measure temperature between -20°C to 60°C in increments of 0.1°C with an accuracy of plus or minus 0.5°C
- measure electrical conductivity of the soil between 0 to 20dS/m in increments of 0.01dS/m with an accuracy of plus or 0.05dS/m
- be IP 65 rated or better

You must provide this item's serial number when you submit your claim for payment.

FETF402 - Tractor mounted sensor for precision orchard management

Expected average cost of item (£): 21,500

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 12,900

Score: 72

This item is new for 2024. Item must:

- be a tractor mounted sensor for precision orchard management
- recognise individual trees
- record blossom level and fruit loading on trees
- be ISOBUS compatible
- have wifi connectivity
- link to an existing GPS system
- provide data for blossom mapping, vigour mapping and fruit load mapping

Cost includes:

- purchase of high-resolution sensor system mounted on the tractor

- purchase of in-cab terminal with on-board, real-time processing of data and ability to upload data to a computer or the cloud

You must provide this item's serial number when you submit your claim for payment.

FETF403 - Plug transplanting machine

Expected average cost of item (£): 65,000

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 39,000

Score: 69

This item is new for 2024. Item must:

- be an electronic transplanting machine
- be able to handle small batches of trays
- be able to transplant plugs into trays or pots
- be able to transplant 5,000 plants per hour
- be able to handle 600mm x 400mm trays
- be capable of being used on a conveyor belt system to allow for incorporation into a fully automated planting line.

You must provide this item's serial number when you submit your claim for payment.

FETF404 - Front mounted orchard pruner

Expected average cost of item (£): 16,395

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 8,197.50

Score: 64

This item is new for 2024. Item must:

- be a tractor mounted orchard pruner
- be vertically front mounted on to the tractor
- use either a series of saw blades or reciprocating cutter bar
- be able to side trim between orchard rows
- be able to cut branches that are 6cm in diameter
- have a cutting width of 2m or more

You must provide this item's serial number when you submit your claim for payment.

FETF405 - Drone for spraying whitewash on to glasshouses

Expected average cost of item (£): 36,190

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 21,714

Score: 72

This item is new for 2024. Item must:

- be a drone for spraying whitewash on to glasshouses
- have a minimum spraying width of 5m
- have a minimum tank capacity of 20L with liquid level sensor
- have a variable flow rate for spraying with a maximum of 10L per minute
- have a multi-directional radar system
- have a plus or minus 10cm accuracy in horizontal and vertical hover using GPS
- have a plus or minus 10cm accuracy in horizontal and vertical hover using Radar

You must provide this item's serial number when you submit your claim for payment.

FETF5 - Inter row weeders 1.8m

Expected average cost of item (£): 60,348

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 36,208.80

Score: 88

Item must:

- be an inter row weeder
- automatically distinguish between the crop plants and weeds in the crop row using camera recognition
- remove weeds from between the individual plants in the crop row, not just between crop rows

- have a minimum 1.8m working width

You must provide this item's serial number when you submit your claim for payment.

FETF6 - Inter row hoe 3m

Expected average cost of item (£): 18,030

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 10,818

Score: 80

Item must:

- be an inter row hoe
- automatically distinguish between the crop row and weeds between the crop rows using camera recognition
- detect the position of the crop rows and automatically adjust the hoes to only remove weeds between the crop rows
- have a minimum 3m working width

You must provide this item's serial number when you submit with your claim for payment.

FETF7 - Inter row hoe 6m

Expected average cost of item (£): 50,786

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 30,471.60

Score: 85

Item must:

- be an inter row hoe
- automatically distinguish between the crop row and weeds between the crop rows using camera recognition
- detect the position of the crop rows and automatically adjust the hoes to only remove weeds between the crop rows
- have a minimum 6m working width

You must provide this item's serial number when you submit with your claim for payment.

Livestock

FETF103 - Robotic silage pusher

Expected average cost of item (£): 17,000

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 8,500

Score: 60

Item must:

- be a robotic silage pusher
- be programmable to use on different types of feed passage
- detect the distance from the feed barrier and adjust position automatically
- detect the amount of feed in the passage

You must provide this item's serial number when you submit your claim for payment.

FETF112 - Grassland sward lifters

Expected average cost of item (£): 4,500

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 2,250

Score: 54

Item must:

- be a grassland sward lifter
- have 3 minimum legs
- have adjustable depth control to a minimum 300mm
- have a cutting disc in front of each leg that cuts to a minimum 50mm depth
- have a packing roller behind each leg
- have a shear bolt or mechanical reset on each leg

You must provide this item's serial number when you submit your claim for payment.

FETF24 - Hydraulic ram pumps (water)

Expected average cost of item (£): 4,368

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 2,620.80

Score: 53

Item must:

- be a hydraulic ram pump
- use hydraulic pressure to raise clean water - systems using electric pumps are not eligible
- have a 20L per minute flow at a 3m head
- have a lift of minimum 10m
- have a ram pump
- have a sediment chamber
- have a pump chamber
- have a drive pipe
- have a return pipe
- have a header tank with minimum 5000L capacity
- include minimum 300m of distribution pipe

FETF411 - Grassland pasture aerator

Expected average cost of item (£): 3,498

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 1,749

Score: 54

This item is new for 2024. Item must:

- be a grassland pasture aerator
- have a 2.3m minimum working width
- have a roller or cylinder design with hardened steel blades to create aeration slots
- create aeration slots minimum 160mm deep
- have capacity to carry additional weight to provide better blade penetration in dry conditions

You must provide this item's serial number when you submit your claim for payment.

FETF412 - Mobile tractor powered livestock total feed ration mixer

Expected average cost of item (£): 16,180

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 8,090

Score: 57

This item is new for 2024. Item must:

- be a mobile tractor powered livestock total feed ration mixer
- mix and chop any feed including straw, baled silage, and roots
- provide a total mixed ration
- have a maximum mixing capacity of 3,000L
- operate on an 100hp tractor
- have a weighing system with onboard weatherproof display
- be controlled from the tractor cab

You must provide this item's serial number when you submit your claim for payment.

FETF413 - Solar powered water pump

Expected average cost of item (£): 5,000

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 3,000

Score: 58

This item is new for 2024. Item must:

- be a solar powered water pump
- be a self-contained system in a lockable steel box
- have a self-priming water pump capable of pumping at least 3,500L per day to a height of 30m at 30PSI or greater - items that can pump over 10m³ per day are not eligible
- have a solar panel, inverter and battery
- include 5m of inlet pipe with filter
- have automatic shut off for the pump when water flow is not required

FETF414 - Bracken roller

Expected average cost of item (£): 1,449

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 869.40

Score: 58

This item is new for 2024. Item must:

- be a bracken roller
- have a minimum 1.5m working width
- have a roller or cylinder design with an uneven or ridged surface for bashing and bruising bracken
- be able to be towed by an ATV or tractor

You must provide this item's serial number when you submit your claim for payment.

FETF48 - Real time inline forage crop analyser

Expected average cost of item (£): 17,000

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 10,200

Score: 63

Item must:

- be real-time inline forage crop analyser
- use near infra-red (NIR) spectroscopy to analyse forage crops in real time
- analyse and record the level of dry matter, crude protein, starch, crude fibre, sugar, and crude ash during harvest
- have ISOBUS connection or be supplied with in-cab display
- automatically control silage additive application rates through analysis of dry matter content
- use GPS to provide accurate yields for each field harvested
- be able to be retrofitted to existing forage harvesting equipment

You cannot claim for this item and item FETF220P - Real-time in line grain analyser as one item, you must buy separate NIR spectroscopy units for each item.

You must provide this item's serial number when you submit your claim for payment.

FETF52 - Pasture plate meter (handheld)

Expected average cost of item (£): 580

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 290

Score: 51

Item must:

- be a pasture plate meter (handheld)
- be a handheld device
- assess grass cover by measuring total height and the number of measurements taken
- electronically store measurements from separate paddocks
- download the data collected to a computer or mobile device

Plate meters that are not able to store data electronically for later electronic transfer are not eligible.

You can only apply for 2 handheld pasture plate meters per application.

You must provide this item's serial number when you submit your claim for payment.

FETF84 - Chemical free disinfection system for dairy farms

Expected average cost of item (£): 30,000

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 15,000

Score: 58

Item must:

- be a chemical free disinfection system for dairy farm
- be a low voltage electrical ozone-based disinfection system
- have a tank with a minimum 250L capacity

You must provide this item's serial number when you submit your claim for payment.

FETF92 - Real time milk analysis

Expected average cost of item (£): 1,400

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 700

Score: 56

Item must:

- be real time milk analysis (analyser)
- produce data in real time on individual cows
- produce data on conductivity
- produce data on milk constituents (including lactose and protein levels)

Cost is per milking point.

Items which only measure milk volume and milking time are not eligible.

Resource and energy management

FETF214 - Soil health monitor package

Expected average cost of item (£): 543

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 325.80

Score: 58

The package must include 3 items:

- portable soil pH meter capable of giving real-time pH and conductivity measurements of the soil
- penetrometer to measure the resistance of the soil
- soil moisture meter

The pH meter must be able to measure:

- pH from 3 to 12 with a resolution accuracy of ± 0.1 pH
- temperature between 0°C and 60°C with an accuracy of $\pm 0.5^{\circ}\text{C}$
- electric conductivity of the soil between 0 microsiemens per cm and 6,000 microsiemens per cm with an accuracy of $\pm 2\%$

The soil moisture meter be able to measure:

- soil moisture between 0% and 50% at depths of up to 200mm with a resolution of 0.1%

The penetrometer must:

- be able to measure between 0 and 400 psi or equivalent megapascals
- have a probe with a graduated depth scale
- have 2 probe tips, one for firm soil and one for loose soil

You must provide these items' serial numbers when you submit your claim for payment.

FETF215 - Weed wiper 2.4m

Expected average cost of item (£): 3,300

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 1,980

Score: 54

Item must:

- be a weed wiper with a minimum 2.4m working width
- be a trailed machine
- have height adjustment
- have a minimum of one rotating application roller made of carpet, brush or absorbent pad
- have an electric pump and pump control to regulate herbicide application

You must provide this item's serial number when you submit your claim for payment.

FETF216 - Camera guided inter row sprayer 3m

Expected average cost of item (£): 8,729

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 5,237.40

Score: 73

Item must:

- be a camera guided inter row sprayer
- use real-time photo recognition to identify weeds
- control the sprayer to spot spray weeds between rows of growing crops
- switch individual spray nozzles on and off independently
- automatically distinguish between crop rows and weeds between the crop rows
- have a minimum 3m working width

You must provide this item's serial number when you submit your claim for payment.

FETF217 - Camera guided inter row sprayer 6m

Expected average cost of item (£): 12,510

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 7,506

Score: 78

Item must:

- be a camera guided inter row sprayer
- use real-time photo recognition to identify weeds
- control the sprayer to spot spray weeds between rows of growing crops
- switch individual spray nozzles on and off independently
- automatically distinguish between crop rows and weeds between the crop rows
- have a minimum 6m working width

You must provide this item's serial number when you submit your claim for payment.

FETF218 - Robotic drill and guided hoe

Expected average cost of item (£): 62,566

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 37,539.60

Score: 90

Item must:

- be a robotic drill and guided hoe

- precisely place seed in the ground
- mechanically weed between drilled rows
- mechanically weed between plants in rows
- be able to drill and hoe
- be able to operate autonomously in the field without an operator (apart from refilling the seed hopper)

You must provide this item's serial number when you submit your claim for payment.

FETF40 - Heat recovery unit to heat water

Expected average cost of item (£): 5,970

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 3,582

Score: 59

Item must:

- be a heat recovery unit to heat water
- recover heat from a refrigerated system such as a milk cooler on a dairy farm or from a cold store on a horticultural unit
- use the recovered energy to pre-heat water for an existing hot water system
- have a heat recovery tank with a minimum 300L capacity
- connect to an existing refrigerant system, water supply and hot water system

FETF41 - Plate heat exchanger for cooling milk (plate cooler)

Expected average cost of item (£): 2,900

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 1,740

Score: 59

Item must:

- be a gasketed plate heat exchanger for cooling milk
- have a continuous flow rate of a minimum 5,000L per hour of milk

FETF418 - Automatic spray boom height control

Expected average cost of item (£): 10,495

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 6,297

Score: 60

This item is new for 2024. Item must:

- be an automatic spray boom height control
- have sensors to measure height from ground
- have a controller to automatically adjust the boom height to contours of the ground
- have stability control to monitor and compensate for boom section roll
- have ISOBUS connectivity
- be able to be retrofitted to existing sprayers

You must provide this item's serial number when you submit your claim for payment.

FETF419 - Closed transfer system for sprayers for containers over 20L

Expected average cost of item (£): 1,260

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 756

Score: 67

This item is new for 2024. Item must:

- be a closed transfer system for sprayers (for containers over 20L)
- have a coupler to intermediate bulk carrier (IBC) tank giving a dry clean connection with no leaks which complies with ISO21191
- have a flow meter with an inaccuracy of less than 1%
- have a control valve to control flow
- have a minimum 3m of delivery hose
- have a coupler to sprayer giving a dry clean connection with no leaks
- have a rinse socket for connection to transfer system for flushing and cleaning of the system

You must provide this item's serial number when you submit your claim for payment.

FETF420 - Closed transfer system for sprayers for containers under 20L

Expected average cost of item (£): 3,838

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 2,302.80

Score: 67

This item is new for 2024. Item must:

- be a closed transfer system for sprayers (for containers under 20L)
- comply with ISO21191
- be fitted to the sprayer
- have coupler to container caps to give clean, dry connection with no leaks
- allow air into the container while connected to coupler to aid emptying into sprayer
- completely empty containers
- have an integrated rinse facility to allow containers to be rinsed

You must provide this item's serial number when you submit your claim for payment.

FETF43 - Variable speed drive for pumps and electric motors

Expected average cost of item (£): 3,550

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 2,130

Score: 52

Item must:

- be a variable speed drive used with either vacuum pumps, water pumps or other electrically driven systems where continuous running is normally required

FETF49 - Measuring nitrogen levels in crops using light reflectance

Expected average cost of item (£): 13,350

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 8,010

Score: 66

Item must:

- measure the nitrogen levels of the crop using light reflectance
- have a mounting frame and be tractor mounted
- provide real-time variable rate nitrogen fertiliser application
- automatically control application of fertiliser and record application rates while operating
- have sensors
- connect to the variable control on the fertiliser spreader to enable automatic rate adjustment while in operation

You must provide this item's serial number when you submit your claim for payment.

FETF50 - Variable rate controller for seed drills, sprayers and fertiliser spreaders

Expected average cost of item (£): 4,863

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 2,917.80

Score: 57

Item must:

- be a variable rate controller for seed drills, sprayers and fertiliser spreaders
- electronically vary and control the application rate of chemical or seed
- be able to be retrofitted to an existing implement to control application rates
- change the rate of application automatically without operator input
- record and download application rates to a computer or tablet
- provide sectional control
- have either an in-cab display or ISOBUS connection
- include equipment to fit on to the applicator to provide section control
- have a variable rate controller

Software or activation codes for existing control systems are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF425 - Camera guided spot sprayer 24m

Expected average cost of item (£): 46,000

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 27,600

Score: 78

This item is new for 2024. Item must:

- include high definition cameras capable of distinguishing plants
- include computer with software recognition to automatically distinguish weeds from the growing crop
- include electronic system to link to the sprayers existing individual nozzle control to spot spray the weeds
- use real-time photo recognition to identify weeds
- switch individual spray nozzles on and off independently to spot spray
- have a minimum 24m working width
- must be capable of being retrofitted to existing sprayers.

Funding is not available under this item for converting sprayers to individual nozzle control.

Systems which do not control individual spray nozzles are not eligible under this item.

You must provide this item's serial number when you submit your claim for payment.

Water and irrigation management

FETF118 - Digital weather station

Expected average cost of item (£): 1,804

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 902

Score: 67

Item must link wirelessly to a computer and be able to measure and record:

- barometric pressure
- temperature

- humidity
- rainfall
- wind speed and direction
- UV levels
- soil moisture
- soil temperature

The following costs are not included:

- installation costs
- service costs
- annual licence fee for software and calibration

You must provide this item's serial number when you submit your claim for payment.

FETF21 - Rainwater harvesting for crop irrigation minimum tank size 5,000L

Expected average cost of item (£): 1,268

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 760.80

Score: 58

Item must:

- be a rainwater harvesting system for crop irrigation
- have a water tank with a minimum 5,000L capacity
- have a 2 stage pre-filter system for removing debris and soil
- have an electric pump to distribute water to the growing crops

FETF213 - Remote soil moisture sensing

Expected average cost of item (£): 796

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 477.60

Score: 56

Item must:

- remotely measure soil moisture at depths of up to 200mm
- have an accuracy of at least $\pm 0.03\text{m}^3/\text{m}^3$
- be designed for outside use
- be easily inserted and removed from the soil
- have a remote communication system such as bluetooth to connect with a networked base station or mobile phone

Subscriptions or software are not eligible.

You must provide this item's serial number when you submit your claim for payment.

FETF22 - Rainwater harvesting for crop irrigation minimum tank size 50,000L

Expected average cost of item (£): 7,034

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 4,220.40

Score: 63

Item must:

- be a rainwater harvesting system for crop irrigation
- have a water tank with a minimum 50,000L capacity
- have a stage pre-filter system for removing debris and soil
- have an electric pump to distribute water to the growing crops
- be a storage tank of either plastic or circular galvanised steel with a liner and cover

FETF23 - UV Water treatment system

Expected average cost of item (£): 682

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 341

Score: 47

Item must:

- be a UV water system used to treat water for feeding livestock or to irrigate horticultural crops

- have a single bulb in-line UV filter
- have automatic shut off of the water supply when power or bulb failure occurs
- treat at least 30L per minute at 30mJ/cm² (for example 55 watt power consumption)
- be Water Regulations Advisory Scheme (WRAS) approved

You can apply for up to 10 UV water treatment system items per application.

FETF25 - Irrigation sensor

Expected average cost of item (£): 1,195

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 717

Score: 67

Item must:

- be an irrigation sensor
- be waterproof and rated a minimum IP65
- have an inbuilt battery
- connect directly to irrigation equipment
- monitor movement of the irrigator across the field
- have an alarm function if water pressure drops or the irrigator stops moving
- communicate with either mobile phone, tablet or computer to show irrigation status, irrigator speed and to notify if an alarm is activated

FETF415 - Irrigation controller for rain guns

Expected average cost of item (£): 3,013

Percentage paid towards item: 60%

Grant amount (based on a quantity of 1) (£): 1,807.80

Score: 60

This item is new for 2024. Item must:

- be an irrigation controller for rain guns
- have a pressure sensor
- have a GPS receiver
- have a solar panel and battery

- connect to a mobile phone or tablet
- be programmable for future irrigation programmes
- be able to override system to allow remote manual control using a mobile phone or tablet
- have fault detection and alerts for low water pressure and non-movement
- record and save water applications
- have automated self-drive mode
- alert when the irrigator finishes a programme
- provide real-time status and current water pressure

You must provide this item's serial number when you submit your claim for payment.

FETF416 - Field drain cleaner

Expected average cost of item (£): 12,306

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 6,153

Score: 59

This item is new for 2024. Item must:

- be a field drain cleaner
- have a PTO driven self-priming high-pressure pump producing a minimum 200L per minute at 50 bar pressure
- come with a minimum 100m (20mm in diameter) 50 bar rated high pressure hose
- have a hose reel
- have a minimum 10m suction hose with filter
- have a pressure regulator
- have a self-propelling jetting nozzle to pull the pipe into the drain

You must provide this item's serial number when you submit your claim for payment.

FETF417 - Sand filter

Expected average cost of item (£): 6,714

Percentage paid towards item: 50%

Grant amount (based on a quantity of 1) (£): 3,357

Score: 61

This item is new for 2024. Item must:

- be a sand filter
- have a service flow of at least 10m³ per hour
- have a back washing function
- have 2 parallel filter units so water can continue to flow while one filter is back washing
- remove particles as small as 125 micron from the water

You must provide this item's serial number when you submit your claim for payment.

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