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Guidance

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

Updated 20 February 2024

Applies to England

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This publication is available at <https://www.gov.uk/government/publications/farming-equipment-and-technology-fund-2024/slurry-items-and-specifications-farming-equipment-and-technology-fund-fetf-2024>

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 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 slurry items are scored

Applications for slurry items are scored on:

- improving slurry management
- environmental benefit
- level of adoption by the industry

Each slurry 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 FETF501: mobile slurry separator (item score 65)

Application score: 65

Example 2

1 x FETF33: dribble bar (item score 63)

2 x FETF38: umbilical reeler for slurry application (item score 51)

1 x FETF29: real-time in line nutrient analyser (item score 78)

Application score: 64 (63+51+78 = 192. 192 ÷ 3 = 64)

Slurry 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.

Slurry collection and storage

FETF26 - Robotic slurry pusher / collector

Expected average cost of item (£): 18,933

Grant amount (based on a quantity of 1) (£): 11,359.80

Score: 65

Item must:

- be a robotic slurry pusher or collector
- have built in sensors to avoid harmful contact with the livestock and to navigate passageways independently
- have a charging station

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

FETF501 - Mobile slurry separator

Expected average cost of item (£): 54,580

Grant amount (based on a quantity of 1) (£): 32,748

Score: 65

This item is new for 2024. Item must:

- be a mobile slurry separator
- be on wheels or skids for easy moving
- not be permanently fixed to the ground or permanently connected to electricity supply
- capable of processing a minimum of 10m³/hr
- remove 20% by volume as a stackable fraction from the slurry
- produce a resulting stackable fraction with a dry matter of 25% or more according to the model's theoretical capability

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

FETF27 - Fixed slurry separator

Expected average cost of item (£): 19,033

Grant amount (based on a quantity of 1) (£): 11,419.80

Score: 63

Item must:

- be a fixed slurry separator
- be either a mechanical screw press or roller and screen type
- be capable of processing a minimum of 3m³/hr
- remove 20% by volume as a stackable fraction from the slurry
- produce a resulting stackable fraction with a dry matter of 25% or more according to the model's theoretical capability

All other forms of slurry separation are not eligible under this item.

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

Slurry testing

FETF29 - Real time inline nutrient analysis of slurry

Expected average cost of item (£): 21,606

Grant amount (based on a quantity of 1) (£): 12,963.60

Score: 78

Item must:

- use near infra-red (NIR) spectroscopy to analyse slurry in real time
- analyse and record nitrogen (N), phosphate (P) and potassium (K) levels during application
- have an in-cab controller with display or ISOBUS connection
- be able to provide accurate application rates for each field using GPS
- be able to be retrofitted to existing slurry application equipment

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

Slurry application

FETF28 - Flow rate monitoring of slurry

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

Grant amount (based on a quantity of 1) (£): 2,700

Score: 64

Item must:

- be an electronic device to measure and record application of slurry
- have a slurry flow rate meter
- have an in cab controller with display or ISOBUS connection
- be able to provide an accurate electronic record of slurry application by volume to specific field areas
- be able to record and store data for electronic downloading to computer or tablet

FETF30 - Nurse tank minimum capacity 50m3

Expected average cost of item (£): 28,500
Grant amount (based on a quantity of 1) (£): 17,100
Score: 45

Item must:

- be a nurse tank with a minimum capacity of 50m³
- be mobile
- have hydraulic braking and road lights
- have a minimum of 4 outlet points
- have a sight level glass

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

FETF31 - Nurse tank minimum capacity 100m³

Expected average cost of item (£): 36,750
Grant amount (based on a quantity of 1) (£): 22,050
Score: 50

Item must:

- be a nurse tank with a minimum capacity of 100m³
- be mobile
- have hydraulic braking and road lights
- have minimum 4 outlet points
- have a sight level glass

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

FETF32 - Dribble bar (minimum working width 6m)

Expected average cost of item (£): 10,500
Grant amount (based on a quantity of 1) (£): 6,300
Score: 58

Item must:

- be a dribble bar with a minimum working width of 6m

- fit to a slurry tanker or attach to an umbilical system
- have a macerator and a stone trap
- include pipework and connectors to connect to a tanker or umbilical system

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

FETF33 - Dribble bar (minimum working width 10m)

Expected average cost of item (£): 16,000

Grant amount (based on a quantity of 1) (£): 9,600

Score: 63

Item must:

- be a dribble bar with a minimum working width of 10m
- fit to a slurry tanker or attach to an umbilical system
- have a macerator and a stone trap
- include pipework and connectors to connect to a tanker or umbilical system

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

FETF34 - Shallow injection systems (minimum working width 3m)

Expected average cost of item (£): 16,500

Grant amount (based on a quantity of 1) (£): 9,900

Score: 71

Item must:

- be a shallow injection system with a minimum working width of 3m
- incorporate slurry under the soil surface leaving no residue on the surface
- fit to a slurry tanker or attach to flexible pipe or umbilical system
- have a macerator and a stone trap
- include pipework and connectors to connect to a tanker or umbilical system

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

FETF35 - Shallow injection systems (minimum 6m working width)

Expected average cost of item (£): 17,968

Grant amount (based on a quantity of 1) (£): 10,780.80

Score: 76

Item must:

- be a shallow injection system with a minimum working width of 6m
- incorporate slurry under the soil surface leaving no residue on the surface
- fit to a slurry tanker or attach to flexible pipe or umbilical system
- have a macerator and a stone trap
- include pipework and connectors to connect to a tanker or umbilical system

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

FETF36 - Trailing shoe slurry system 6m

Expected average cost of item (£): 14,750

Grant amount (based on a quantity of 1) (£): 8,850

Score: 63

Item must:

- be a trailing shoe slurry system with a minimum working width of 6m
- fit to a slurry tanker or attach to flexible pipe or umbilical system
- have a macerator and a stone trap
- include pipework and connectors to connect to a tanker or umbilical system

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

FETF37 - Trailing shoe slurry system over 8m

Expected average cost of item (£): 16,033

Grant amount (based on a quantity of 1) (£): 9,619.80

Score: 68

Item must:

- be a trailing shoe slurry system with a minimum working width of 8m
- fit to a slurry tanker or attach to flexible pipe or umbilical system
- have a macerator and a stone trap
- include pipework and connectors to connect to a tanker or umbilical system

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

FETF38 - Umbilical hose reeler for slurry application

Expected average cost of item (£): 10,135

Grant amount (based on a quantity of 1) (£): 6,081

Score: 51

Item must:

- be an umbilical hose reeler for slurry application
- have a minimum 400m of hose

The reeler must be either:

- compartmentalised or random
- mounted or trailed

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

FETF39 - Trailed compartmented reeler for slurry application

Expected average cost of item (£): 13,500

Grant amount (based on a quantity of 1) (£): 8,100

Score: 56

Item must:

- be a trailed compartmented reeler for slurry application
- be compartmentalised
- be mounted on wheels
- have a minimum of 1,600m of hose

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

FETF203 - Mobile slurry chopper pump

Expected average cost of item (£): 8,710

Grant amount (based on a quantity of 1) (£): 5,226

Score: 55

Item must:

- be a mobile slurry chopper pump
- be tractor PTO or hydraulically driven
- be a centrifugal pump with a cutting system to chop or maceration of solids in pumped liquid
- have a transfer rate of at least 100m³ per hour at a 10m head
- have a pumping head of at least 100m
- have a minimum diameter inlet of at least 100mm
- have a minimum diameter outlet of at least 65mm

Static pumps and electrically powered pumps are not eligible under this item.

Other types of pump and pumps intended to be used for other liquids are not eligible under this item.

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

FETF204 - Remote control for engine driven slurry pumps

Expected average cost of item (£): 12,409

Grant amount (based on a quantity of 1) (£): 7,445.40

Score: 62

Item must:

- be a remote control for engine driven slurry pumps
- remotely monitor and control the pump from at least 2,000m
- have pressure monitoring on the outlet side of the pump
- remotely start and stop the pump from the cab of the application equipment
- remotely vary the speed of the pump

- remotely monitor slurry flow rate
- have an in-cab display and control unit for the cab of the application equipment
- be able to be retrofitted to existing engine driven slurry pumping systems
- only be used for pumping slurry or digestate

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

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