



**Fun, Learning and
Achievement**

Status Final
July 2021
Eliminator

NATIONAL FEDERATION OF YOUNG FARMERS' CLUBS

Competition Programme 2021 - 2022

NFYFC Fence Erecting

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28 & Under

RULES

Competition Aim

To provide an opportunity for members to demonstrate the acquired skill in building stock proof fence in a competitive environment.

Learning outcomes

A knowledge of planning and building of a stock proof fence using practical skills in fence erecting, budgeting for materials, acquiring materials, use of hand tools and teamwork.

REMINDER: Please read these rules in conjunction with **NFYFC General Rules** and familiarise all competitors with the **Fine System in place for withdrawal from competitions.**

Further information can be found at <http://www.nfyfc.org.uk/competitionsresources>

1. DATE & VENUE

1.1. After Area Finals, the National Final will be held at NFYFC Competitions Day on Saturday, 9th July 2022

2. REPRESENTATION

2.1. Counties may enter one team per 600 members or part thereof in Area Finals.

2.2. Areas will be represented in the final by one team per 3,000 members or part thereof. (Northern Area 2, Eastern Area 1, East Midlands Area 1, West Midlands Area 1, South West Area 2, South East Area 1 and Wales 2)

3. ELIGIBILITY

3.1. A team shall consist of three (3) members 28 years of age or under on 1st September 2021, and full members of a Club affiliated to the NFYFC.

4. SUBSTITUTION

4.1. **All substitutes must have been eligible to compete in the County Final.**

HEALTH & SAFETY – ESSENTIAL READING/ACTION FOR ALL COMPETITORS

It is essential that all competitors read the Health and Safety Executive's guidance paper concerning fencing and note is taken of the safe working practices and protective clothing equipment that is recommended. The Health and Safety Executive guidance paper 'Fencing' (AFAG104) can be downloaded from the NFYFC website.

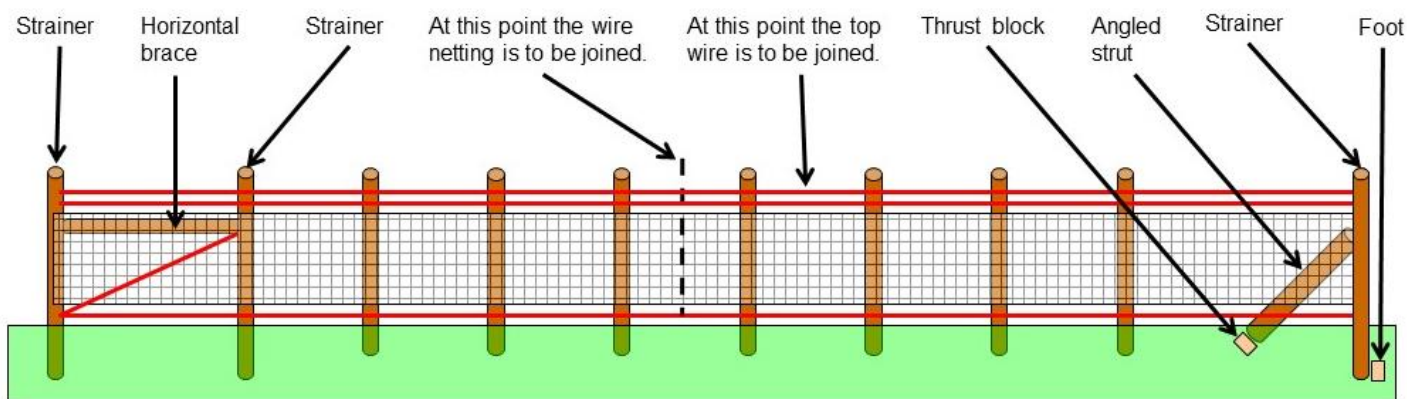
5. PROCEDURE

5.1. At the NFYFC Final the team will be required to erect a 28m stock proof boundary fence in a straight line, using the materials provided (as illustrated in the diagram).

5.1.1. Total height to top of fence 45 inches.

*Diagram is not to scale and is for illustrative purposes only
All spacings to be determined by the competitors*

Drawing is NOT TO SCALE - refer to notes.



- 5.2. The posts shall be at a maximum of 4m centres, with intermediate posts at equal spacing.
- 5.3. It shall be constructed of post and high tensile netting.
 - 5.3.1. One strand of high tensile plain wire below the netting, 2" above ground level.
 - 5.3.2. The netting shall be set 2" above the ground wire.
 - 5.3.3. There shall be 2 strands of high tensile plain wire above the netting, set at 2" & 5" above the top of the netting – ie, 2" between the netting and lower wire, then 3" between the 2 wires.
 - 5.3.4. Netting shall be secured to the end strainers using a recognised knot.
- 5.4. At one end of the fence there will be a box strainer assembly using a horizontal strut and diagonal brace wire.
 - 5.4.1. The box strainer shall be made with 2 x 8' strainers and an 8' horizontal brace, with 2.5 HT plain wire.
 - 5.4.2. The horizontal brace shall be morticed into the strainers on both ends.
- 5.5. At the other end, the fence will be secured with a strainer assembly.
 - 5.5.1. The assembly shall be made using an 8' strainer and 8' angled strut, with the strut secured using a horizontal thrust block.
 - 5.5.2. The thrust block shall be dug 8" below ground level and be left open for judges inspection.
 - 5.5.3. A horizontal foot shall be used on the bottom of the strainer.
 - 5.5.4. The strut is to be morticed into the strainer at 18" to the top of the strut – ie, between the 4th and 5th wire on the net.
- 5.6. A hand tied joint will be required in the netting and a hand tied joint in the top line wire; towards the centre of the fence (no joining aids will be permitted).
- 5.7. The team are required to prepare a written risk assessment/method statement, which is to be handed to the Chief Steward on the day of the competition - prior to the competition start. *Failure to provide a written risk assessment/method statement or failure to comply with it; or working unsafely, will result in immediate disqualification. Please see NFYFC Fence Erecting Risk Assessment Template below. This may be used and completed as teams wish (Risk 1 already entered as an example). Teams are welcome to complete their own risk assessment.*
- 5.8. Only materials supplied by the organisers are to be used for Area and National Finals (see list of materials below).
- 5.9. Only hand tools will be allowed and the teams themselves must provide these. No power tools or chainsaws are allowed.
 - 5.9.1. All tools and equipment used must be fit for purpose and be in good condition, well maintained and safely operated by members of the team at all times. Judges/stewards have the right to stop the use of tool/piece of equipment if, in their view, it is not safe to use or is being handled/used in an unsafe manner.
- 5.10. Competitors are not allowed to shorten any of the vertical posts.
- 5.11. Water can be used during the competition if circumstances require.
- 5.12. The Judges reserve the right to inspect any strut following completion of the task.
- 5.13. All teams are required to dismantle their fence prior to the Presentation of Awards (The thrust plate and any blocks/cross members must be out of the ground). – Teams are required to clear away all debris and any off-cuts of wire etc must **not** be put down the postholes. Receptacles will be provided for this purpose. Soil will be available to make the ground good. **Any team not complying with this ruling will be disqualified and receive a £75 fine.**
- 5.14. **The Judge's decision is final.**

6. MATERIALS TO BE PROVIDED

3 x Strainers - 2.4m x 150mm – 175mm diameter round posts (8ft, 6”– 7” round)
 1 x Angled Strut - From 2.4m x 100mm – 125mm diameter round post (8ft, 4”– 5” round)
 1 x Horizontal Strut - From 2.4m x 100mm – 125mm diameter round post (8ft, 4”– 5” round)
 7 x Intermediate posts - 1.65m x 75mm - 100mm diameter round posts (5ft 6”, 3”– 4” round)
 Thrust Block – 0.9m x 150mm x 75mm (3ft x 6”x 3” square)

33m x High Tensile stock netting HT8/80/22
 120m x High Tensile plain wire 2.5mm gauge

6” nails
 Staples

7. TIMING

- 7.1. 2 hours will be allowed for the NFYFC final.
- 7.2. **Time penalties** – teams will be encouraged to complete the task but will lose one (1) point for every minute or part thereof over the allocated time. At the NFYFC final teams will be asked to stop 30 minutes after the allocated time. i.e. at 2 hours 30 minutes.
- 7.3. **Please note that the tidying away of tools and equipment will be included in the time to complete the task.**

8. COUNTY AND AREA ROUNDS

- 8.1. For the County and Area rounds of the competition it is suggested that the timing could be adjusted as follows:
 County and Area Rounds: 2 hours 30 minutes with a cut off of 3 hours.

9. SCALE OF MARKS

Box strainer assembly	50
High tensile fencing-strainer assembly	50
Intermediate post line and height	20
Fixing and tensioning of plain wire	20
Fixing and tensioning of netting	40
Join in netting	30
Join in plain wire	10
Overall neatness of finished job (Including surrounding area)	30
Written risk assessment	20
TOTAL	270

10. AWARDS

- 10.1. **Trophy** and Prize Cards to the winning team.
- 10.2. NFYFC Prize Cards to teams placed 2nd and 3rd.
- 10.3. NFYFC Certificate of Achievement will be awarded to all members of teams in the NFYFC final.



NFYFC Fence Erecting – Risk Assessment Template

Item	Activity <i>(Description of activity and associated hazards)</i>	Risk Evaluation <i>(No controls)</i>			Safety precautions <i>(Details of preventative or control measure for each hazard)</i>	Residual Risk Evaluation <i>(With Controls)</i>		
		P	S	R		P	S	R
1	Mild steel wire tensioned beyond breaking point causing eye damage	3	4	A	Wear suitable eye protection	3	2	C
2								
3								
4								
5								
6								
7								
8								
9								
10								

Probability [P] 1; Improbable 2; Remote 3; Possible 4; Probable	Severity [S] 1; Negligible 2; Minor 3; Severe 4; Extreme	Risk Level [R]
------------------------------------------------------------------------------------	-----------------------------------------------------------------------------	-----------------------



	S1	S2	S3	S4
P1	#	#	#	C
P2	#	#	C	B
P3	#	C	B	A
P4	#	B	A	A



Consequences

A; Hazard **MUST** be eliminated or avoided, work NOT to proceed.
 B; Risk **MUST** be controlled by physical safeguards.
 C; Risk **MUST** be controlled so far as is reasonably practicable.
 #; Risk is adequately controlled / insignificant.