



**Fun, Learning and
Achievement**

Status Final
June 2018
Eliminator
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NATIONAL FEDERATION OF YOUNG FARMERS' CLUBS

Competition Programme 2018-19

NFYFC Fence Erecting

Sponsored by



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: Read in conjunction with **NFYFC General Rules**. Further information can be found at

<http://www.nfyfc.org.uk/CompetitionsResources/competitionsresources>

1. DATE & VENUE

1.1. After Area Finals, the National Final will be held at NFYFC Competitions Day on Saturday, 6th July, 2019.

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 26 years of age or under on 1st September 2018, and full members of a Club affiliated to the NFYFC.

4. SUBSTITUTION

4.1. If two or more of the original team are unable to go forward to subsequent rounds, then the next highest placed team will represent the Area.

4.2. **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.

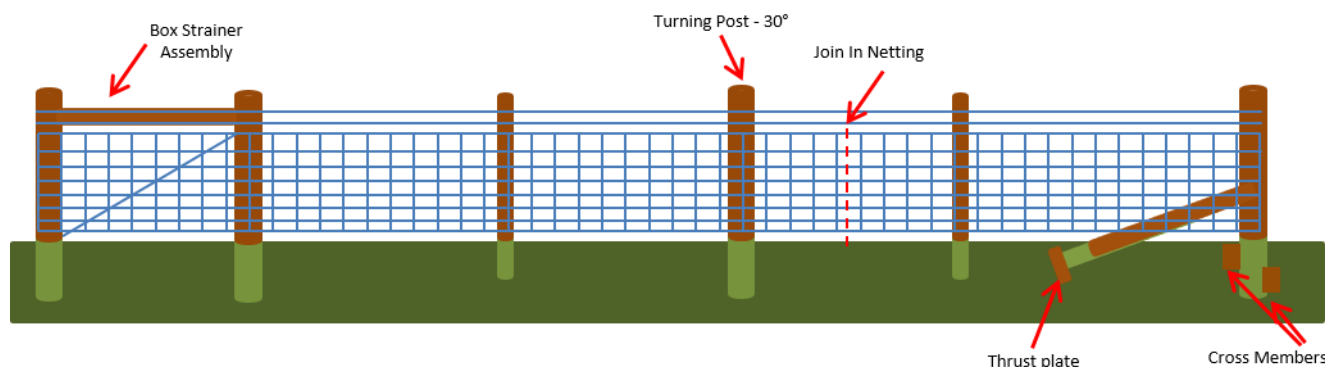
5. PROCEDURE

5.1. At the NFYFC Final the team will be required to erect a 22m stock proof boundary fence using the materials provided (as illustrated in the diagram).

5.2. From the start point; the fence shall be in a straight line for 12m before turning approximately 30^o to the right and continuing for a further 10m.

- 5.3. It shall be constructed of post and netting with 2 strands of high tensile steel wire above the netting.
- 5.4. At the start of the fence there will be a box strainer assembly using a horizontal strut and diagonal brace wire. At the other end; the fence will be secured with a high tensile fencing-strainer assembly, using a strainer and angled strut (strut to be secured using a thrust plate, and strainer to be secured using 2 cross members).
- 5.5. Where the fence turns 30°; the turning post shall be a straining post without struts.
- 5.6. The plain wire must be tensioned and tied with a knot at both ends.
- 5.7. A join in the netting must be made by hand where indicated on the diagram.
- 5.8. 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).*

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



- 5.9. Only materials supplied by the organisers are to be used for Area and National Finals (see list of materials below).
- 5.10. Only hand tools will be allowed and the teams themselves must provide these. No power tools or chainsaws are allowed.
 - 5.10.1. 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.
- 5.11. Competitors are not allowed to shorten any of the vertical posts.
- 5.12. The Judge reserves the right to inspect any strut following completion of the task.
- 5.13. All teams are required to dismantle their fence after 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. EQUIPMENT TO BE PROVIDED

4 x Strainers:	2.2m, 125mm – 150mm diameter round posts (7ft, 5" – 6")
1 x Angled Strut:	From 2.4m x 100mm diameter round post (8ft, 3 – 4")
1 x Horizontal Strut:	From 2.4m x 100mm diameter round post (8ft, 3 – 4")
2 x Intermediate posts:	1.65m x 100mm diameter round posts (5ft 6", 3 – 4")
Thrust Plate and Cross members using:	1 x 1.8m x 100mm x 100mm square post (5ft 11", 4"x 4")

25m x High Tensile stock netting HT8/80/30
70m x High Tensile plain wire 2.5mm gauge

4" nails
Staples

7. **TIMING**

- 7.1. 2 hours 20 minutes 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 50 minutes.
- 7.3. **Please note that the tidying of tools and equipment away 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 Round: 2 hours 50 minutes with a cut off of 3 hours 20 minutes.
Area Round: 2 hours 35 minutes with a cut off of 3 hours 5 minutes.

9. **SCALE OF MARKS**

Box strainer assembly	50
High tensile fencing-strainer assembly	50
Turning post	20
Intermediate post line and height	20
Fixing and tensioning of netting	40
Fixing and tensioning of plain wire	20
Join in netting	20
Overall neatness of finished job (Including surrounding area)	25
Written risk assessment	5
TOTAL	250

10. **AWARDS**

- 10.1. **Betafence National Farm Skills Challenge Cup** 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]	Severity [S]	Risk Level [R]
1; Improbable	1; Negligible	
2; Remote	2; Minor	
3; Possible	3; Severe	
4; Probable	4; Extreme	

	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.