THE FIFE AGRICULTURAL ASSOCIATION FIELD ROOT COMPETITION SCORE SHEET 2025



FODDER BEET

NAME OF FARM	Row	1 st	2 nd	3 rd		Tonnes/	
	width	weight	weight	weight	Total kg	hectare	Place
JM & W Turnbull, Boghall 1	20"	7.0	4.8	7.5	19.3	84.6	8th
JM & W Turnbull, Boghall 2	20"	7.15	5.0	7.2	19.35	84.9	7th
JM & W Turnbull, Boghall 3	20"	7.8	8.7	10.3	26.8	117.5	2nd
JM & W Turnbull, Boghall 4	20"	9.0	8.4	5.3	22.7	99.6	6th
Murdo Fraser, Pitcairlie West	20"	8.38	13.26	11.13	32.77	143.7	1st
Ross Forster, Peacehill	20"	8.9	9.0	8.4	26.3	115.4	3rd
JT & LI Wilson, Cassindilly, Ceres	24"	9.3	10.3	9.6	29.2	107	4th
M Wilson, Balhelvie	20"	7.1	10.0	6.5	23.6	103.6	5th

JUDGES: David Aglen & Richard Black

BEST OVERALL ROOT CROP (Danskin Perp Challenge Trophy) **Murdo Fraser, Pitcairlie West**

BEST MANAGED FIELD (RS Walker Silver Challenge Trophy) Ross Forster, Peacehill

Formula: **Row width 18**" = 45.7cm **20**" = 50.8cm

22" = 55.9cm

24" = 61cm

26" = 66cm

Row width $0.46 \times 1.5 \text{m}$ (length of stick) = 0.69m^2

 $0.51 \times 1.5 \text{m} = 0.76 \text{m}^2$

 $0.56 \times 1.5 \text{m} = 0.84 \text{m2}$ $0.61 \times 1.5 = 0.91 \text{m}^2$

0.66 x 1.5 = **0.99m2**

Average weight of 3 digs divided by 0.69/0.76/0.84/0.91/0.99 = ??kg/m

??kg/m x 10000(ha) divided by 1000 = tonnes per hectare (divided by 2.47 for t/acre)