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Yields of the Field Experiments 1959

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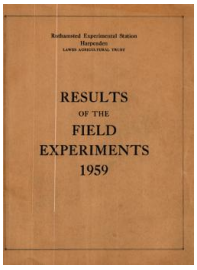

Miscellaneous Data

Rothamsted Research

Rothamsted Research (1960) *Miscellaneous Data ;* Yields Of The Field Experiments 1959, pp 109 - 110 **- DOI: https://doi.org/10.23637/ERADOC-1-179**

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METEOROLOGICAL RECORDS 1959 - WOBURN

Month	Total sun-shine: hours	Mean temperature: °F Air(1)	In ground 1 ft.	Grass minimum: °F	Total rainfall: in. 8" gauge	Rain days(2)
January	74	33.7	35.7	26.2	3.65	16
February	70	38.5	37.3	30.6	0.05	3
March	102	44.5	43.8	35.2	1.97	16
April	147	49.1	49.5	38.8	2.42	16
May	217	53.3	56.7	39.1	0.66	6
June	222	58.7	63.2	44.2	0.99	13
July	259	63.3	66.7	46.7	2.68	10
August	227	63.4	66.1	48.5	0.95	6
September	172	57.9	60.4	39.3	0.09	2
October	146	53.4	53.7	37.7	1.92	13
November	57	43.8	43.8	31.7	2.21	16
December	38	41.8	41.4	33.5	3.73	25
Year*	1731	50.1	51.5	37.6	21.32	142

(1) Mean of maximum and minimum.

(2) Number of days rainfall was 0.01 in. or more.

*Mean or total.

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CONVERSION FACTORS

Factors for the Conversion of Imperial to Metric Units

1 inch (in.)	= 2·540 centimetres (cm)
1 foot (ft) (=12 in.)	= 30·48 cm
1 yard (yd) (=3 ft)	= 0·9144 metre (m)
1 square yard (yd^2)	= 0·8361 m^2
1 acre (ac) (=4840 yd^2)	= 0·4047 hectare (ha)
1 ounce (oz)	= 28·35 grams (g)
1 pound (lb)	= 0·4536 kilogram (kg)
1 hundredweight (cwt) (=112 lb)	= 50·80 kg
1 ton (=2240 lb)	= 1016 kg = 1·016 metric tons (tonnes) (t)
1 pint	= 0·5682 litre (l)
1 gallon (gal) (=8 pints)	= 4·546 litres
1 fluid ounce = 1/20 pint	= 0·02841 litre = 28·41 ml
1 cubic foot	= 28·32 litres

To convert	*Multiply by*
oz ac^{-1} to g ha^{-1}	70·06
lb ac^{-1} to kg ha^{-1}	1·121
cwt ac^{-1} to kg ha^{-1}	125·5
cwt ac^{-1} to t ha^{-1}	0·1255
ton ac^{-1} to kg ha^{-1}	2511
ton ac^{-1} to t ha^{-1}	2·511
gal ac^{-1} to l ha^{-1}	11·233

The following factors are accurate to about 2 parts in 100:

1 lb ac^{-1} = 1·1 kg ha^{-1}
1 gal ac^{-1} = 11 litres ha^{-1}
1 ton ac^{-1} = 2·5 t ha^{-1}

In general reading of the text there will be no great inaccuracy in regarding:

1 lb = 0·5 kg
1 lb ac^{-1} = 1 kg ha^{-1}

Temperatures

To convert °F into °C subtract 32 and multiply by $\frac{5}{9}$ (0.556)
To convert °C into °F multiply by $\frac{9}{5}$ (1·8) and add 32

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