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Yields of the Field Experiments 1966

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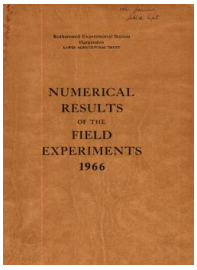

Miscellaneous Data

Rothamsted Research

Rothamsted Research (1967) *Miscellaneous Data ;* Yields Of The Field Experiments 1966, pp 305 - 306 **- DOI: https://doi.org/10.23637/ERADOC-1-158**

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METEOROLOGICAL RECORDS 1966 - WOBURN

(Departure from long period means in brackets)

Month	Total sunshine: hours	Mean temperature: °F Air(1)	In ground 1 ft.	Grass minimum °F	Total rainfall: in 8 in. gauge	Rain(2) days
January	37 (-14.3)	35.7 (-2.0)	37.1	27.7	1.26 (-0.86)	18
February	36 (-30.2)	42.8 (+4.5)	41.8	36.2	2.99 (+1.39)	19
March	115 (-2.0)	42.9 (+1.0)	43.1	29.6	0.58 (-1.08)	12
April	90 (-51.6)	45.3 (-1.1)	45.4	36.3	3.31 (+1.45)	23
May	216 (+27.9)	51.0 (-1.1)	53.7	37.7	1.88 (-0.19)	12
June	199 (+3.4)	59.5 (+2.0)	59.8	47.6	4.30 (+2.42)	12
July	145 (-37.3)	58.3 (-2.7)	62.0	46.1	2.38 (+0.05)	17
August	187 (+10.5)	57.2 (-3.2)	61.1	47.1	3.84 (+1.38)	14
September	158 (+19.0)	56.7 (+0.2)	58.6	46.4	1.92 (-0.20)	8
October	85 (-18.4)	50.3 (+0.6)	53.7	39.7	4.38 (+2.14)	18
November	50 (-9.6)	40.9 (-2.2)	44.4	31.0	2.48 (+0.06)	25
December	37 (-7.5)	41.2 (+2.1)	41.4	31.0	3.29 (+1.10)	25
Year*	1355(-110.1)	48.5 (-0.1)	50.2	38.0	32.61 (+7.66)	203

(1) Mean of maximum and minimum.
(2) Number of days rainfall was 0.01 inches 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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