T B Wood + F.J.M. Stratton.   J. Agric Sci Vol 3   417 - 440
The Interpretation of Experimental Results.

✓ ~~1030~~ ~~900~~ ¹⁰⁵⁰ plots mangolds ⅟₁₀₀₀ acre each   no yields given

H Evans :   Some preliminary data concerning the best shape of
and size of plot for field experiments with
sugarcane
Dept of Agric. mauritius   1934
Sugarcane Research Station . Bull. No 3.
✓ Sugarcane   fields of ~~th~~ 1200   indle   stools
Size of field not given.

Batchelor, Parker and Mc Bride :
Studies preliminary to the establishment of a series of
fertilizer trials in a bearing citrus grove.
                    Agric Exp Sta.   Citrus Exp Sta
Mangfs   Univ. of Calif . Bulletin 451 .   1928
Prob. same   as   Hilgardia   1922 - 7.
not same as. B&R.   J A Res Vol 12

A B Culham , J Steele a G G Auchinleck.
Variations in the Yields of cacao trees at Asuansi
Experiment Station

Mitra. S.K. & Ganguli. P.M.   Uniformity trial in rice : Proc. 21st Ann.
              Indian Science Congress. Bombay p71   (1934)
Vaidyanathan M   (1924) do. in Sugar-cane.   p.69
Kulkarni R.K. and S. Bose :   (sorghum) : India Jour Agri
        Sci   (in press)

Kadam & Patel

Kulkarni, ~~R.K.~~ Bose and Malalandes.   (1936)
        Indian Journal. Agric Sci,
     The influence of shape and size of plots on the
7,   effective precision of field experiments . with
        sorghum.
        160 plots   each ($\frac{1}{160}$) acre   (3 rows 15 weft)
     for 1930-1-2
     All yield fresh.

$6\frac{1}{2} . 15 . \frac{4}{7}$ (30)
$\frac{4}{7} . \frac{4}{7}$
     $\frac{1}{2}$

(1.33 × 22.5)

Gorski M u. Stefanow M.

Die Anwendbarkeit der Wahrscheinlichkeitsrechnung bei
Feldversuchen.

✓　　　　Landw. Versuchstationen Vol 90　1917　pp. 225-240

Oats　　　) 200 plots (3 yields messung)　each　9 qm.
300　　plots　　　　　　　　　　　9 qm.
shape of plot not given.

R. K Kristensen : Anlaeg og Opgørelse af Markforsøg
Barley 234 plots　　　~~~~~~~~~~~~ ? (6.24 × 8.79)
✓　　　　　Yields given　　　　　　　　　metres .

Z ~~~~~~~~~~~~ Z Jakowski　　　　unpublished.
see Neyman.
✓
Potatoes　: single rows.　　　1929 .

Stefan ~~~ Barbacki .　~~~~~~~~~~~ Refs.
✓　　Number of barley　　96 sq. plots 1m. × 1m
engl. little　　　　~~~~ Data given
Studies in barley III Variation and inheritance

✓　of nitrogen content of the grain of pure lines and
hybrids .
In polish　English summary

Lehmann: A.   Dept. of Agric. Mysore State   1900/01 - 1904/8

(18)   Ragi (eleusine coracana)

yields for 3 years (plots to acre)

Tedin

Field I	R K Kristensen		
(Askov)	Tids. for Planteavl 31 (1925)	6.2 × 8.8 m	Barley
II III	mence of Hall wheat & mengolds. given by Harris in	American Naturalist (1915) Vol 49 p435	
IV	E G montgomery :		Wheat
V	B R Larsen : Tids for Planteavl (1906) V12 p344	5×5m.	Timothy hay
VI	Harris . J. Agric. Res. V 19 279-314	$23\frac{1}{3} × 99\frac{1}{4}$ ft ,	Alfalfa 1919 2nd cut
VIa	do	..	3rd cut.
VII	N A Hansen Tids for Planteavl. 1915.	25 plots girl are 50 sq metre	1907 oats 1908 rye 1909 barley 1910 swede 1911 barley.
VIII	.. . ― .. ― ..	∟ .	

Strickland, A Cr, Forster H.C. and Vasey A.J. :   A Vine Uniformity trial

Ph   J. Agriculture of Victoria   Vol 30 : No 12   pp 584 –

1932

Grapes   200   vines 8 feet apart in rows 10 ft. apart.   Fields guai

Shen : Li – Yung :   Agricultura Sinica.   1934 Vol 1   107–50

Rice

To Morgan.   Some Experiments to determine the uniformity
              of certain plats for field tests   (1908)

(13) ✓   Proc Amer Soc Agron Vol 1 p 58 - 67
             Wheat followed by fodder corn
                63 plots each   (15 × 112½) feet .   (1/25 ac. ? w/c
                      yields given .

Montgomery E.G.   Variation in yield and methods of arranging
(14)   plats to secure comparative results . 1911
    ✓   Nebraska Experiment Station 25th Annual Report
               1911   pp 164 - 180 .
   Wheat   Data given :   Same as   EGM 1913 USDept Bull
               yields & N contents   269 .

      Farrell
F D Davis :   US Dept of Agriculture Bureau of Plant Industry
               Circular No. 109   1913
               Interpreting the variation of plat yields .
(17) ✓   Wheat 1911   66 plots (¼ acre)
               Oats   1911   68 .. (¼ acre)
Yields given ⎰ Sugar-beet 1911   46 .. (¼ ..)   two fields
           ⎱   alfalfa 1912   - - -   same fields
in Harris & ⎰ alfalfa 1912   10 ..(¼..) Huntley
Schofield   data not given .
  1920 .

J A Harris   Practical Universal.

Data cited ~~gives~~ : montgomery's Wheat . (1913)   Given

           Mercer & Hall's mangolds

           T L Lyon's   potatoes .

           Stewart's   ..

           Holtsmark & Larsen's Timothy Hay.

                Landw. Vers. Stat ~~Bd~~. 65 Heft. 1/2 pp 1-22

     alfalfa.   : Montana expt. Sta   1912-14 .

            46 plots ($\frac{1}{4}$) ~~an~~ acre.

        (sometimes $\frac{1}{2}$ $\frac{1}{3}$ or $\frac{1}{4}$ plot yields given)

        data of F. D Farell. . '

F. T. Stewart   : missing hills in potato fields: their

            effect upon the yield

        They New York Agricultural Experiment Station

                    Bulletin No 459. March 1919.

(15) ✓   720 plants , every fifth hill missing,

Potatoes.   Yields per plant and number of tubes counted

           & given .

Holtsmark G. u. Larsen B. R.   1904

      Über die Fehler, welche bei Feldversuchen durch die

(16) ✓   Ungleichartigkeit des Bodens ~~die~~ bedingt werden.

      Landwirtschaftlichen Versuchs- Stationen   Bd. 65 Heft 1-2

          pp 1 - 22 .

     Timothy hay : 240 plots (5 metres square) yields

                            given.

4) N A Hansen: Prøvedyrkning paa Forsøgsstationen ved Aarslev.
Tds. for Landbrugets Planteavl (1914) 21, 553.

1) ·30 plots   1906-11
✓ 1907 oats   1908 rye   1909 barley   1910 mangolds 1911
barley

2) 128 plots
1906 oats   1907 barley,   1908 "seeds",   1909 rye.
yields given

5) also H.G. Sundens

Grain				Straw			
1933	1934	1935	1936	1933	1934	1935	1936
·24·9	34·4	24·9		46·9	52·7	52·7	
B. 32·8	35·7	29·6		64·7	59·2	44·1	
Omitting B. 23·6	34·2	24·6	25·1	43·9	51·6	53·6	47·4

Bailey m.A and Trought :T. 1926 : An account of experiments carried out to determine the experimental error of field trials with cotton in Egypt.

  Min. Agric. Egypt. Tech + L. Service, Bull 63.

Davies J.G. 1931 - The experimental error of the yield from
760 plots (1/1000 acre) small plots of natural pasture
  yields given

  Counc. Sci. + Indust. Res. (Aust) Bull 48

  Smith H.F.   A blank experiment with very small plots of wheat. 0·5 sq feet 1080 plots

  Wiebe :G A · 1935 Variation and correlation in grain yield among 1500 wheat nursery plots

    J Agric Res. 50 . 331-357

    0·5 sq feet. 1080 plots
    1 sq. feet 1440 plots.

3) CH Goulden :   2400 304 square yards plots of wheat barley data
  F J Pound .   Trees are cocoa trees. Since 1914

$$m + \sigma \tau = \bar{x} + st$$

$$f(t, \tau)\, dt$$

$$\int \frac{1}{f} \left(\frac{d f}{\delta \tau}\right)^2 dt$$

Lyon T.L : 1912 : Some experiments to estimate error in field plat. tests . Proc Amer Soc Agron vol 3 p 89-114
1 12 feet row.

Stewart F.C. 1919. missing hills in potato fields : Their effect upon the yield. N.Y. Agr. Exp Sta Bul. 459 p 45-69 Oats

Kiessolbach : J. Amer Soc Agron vol 11 No 6 p 235-41 Oats

Montgomery E.G 1913. Experiments in wheat breeding : experimetal error in the nursery and variation in nitrogen and yield. U.S. Dept. Agric Bur. Plant. Indus. Bul 269 .

Stockberger W.W : 1916 : Relative precision of formulae for calculating normal plot yields .   J. Amer Soc Agron. Vol 8 NO 3 p 167-175
Hops. 30 rows (each of 210 feet) 1909-14 yield given each year.

Coombs. G.E & Grantham J : 1916 : Field Experiments and the interpretation of their results : Agr. Bul. Fed malay State vol 4 No 7 p 206-16.
Rice .   (½ × ½ chain)

Holtsmark G & Larsen B.R.   1906

　　　über die Fehler, welche bei Feldversuchen durch die
Ungleichartigkeit des Bodens bedingte werden.
　　Landw. Ves. Stat. Bd 65 Heft 1/2 p 1-22.

　　　　　　Timothy hay.

Smith L.H,   1910   Plot arrangements for variety experiments
　　　　with corn.

　　　　　　Proc. Ame. Soc. Agron. V.1.   p 84-9

Lehmann A 1907

　　　　Seventh Annual Report of the Agricultural Chemist for the
　　　year 1905-6.   Department of Agre. Mysore State
　　　　53 p. Bangalore   paddy.

Stockberger W.W.   1912.   A study of individual performance
　　　　in hops.   Ann. Report Ame. Breeders' Assoc=
　　　　　　　vol 7/8 p 452-7

E.C.C Transvaal.

D Mac Donald : Two cotton uniformity trials (paps. ready in Aug: will be sent then)

Cotton

H C Duckeer : [(unpublished data)   490 plots   (1 row × 7 yds) 1936
(8✓)   data interrupt

S M Gilbert.   Promised yields of trials

A R Saunders'.   Maize   Statistical methods with
(9)   (1)   300 plots (1 row × 20 yds)   special reference to
(10✓)   (2)   250 "   (1 row × 10 plants)   field experiments
              unpublished data

A H. Mc Kinstry   Cotton 520 plots (1 row × 25 feet)   1935
                         poor yield
(11✓)   unpublished

(12✓)

B. T   5 Trials , each of about 160 plots.   1921–3,
          size of unit (20 ridges × 7 metres)
                     about 1/40 acre.
                     yield grain

                              1120
                               60
                              1720
                               200