

Yield of wheat.

Key words: Split-plot.

Description

An experiment with 6 varieties of wheat concerning the treatment of a fungus attack was carried out on an experimental field with 5 blocks each consisting of 12 plots. The experimental design and the yield (hkg/ha) for each plot are given in the following table, where the treatment (T=treated, U=untreated) and the variety (an=anja, ci=citadel, ko=kosack, kr=kraka, sl=sleipner, vu=vuka) are also given.

U kr	U sl	U ko	U an	U ci	U vu	T ko	T sl	T vu	T ci	T an	T kr
58.5	58.6	59.6	32.8	57.8	30.6	75.2	74.2	63.1	76.4	69.4	75.6

U an	U vu	U sl	U kr	U ko	U ci	T ci	T ko	T vu	T sl	T an	T kr
30.5	28.5	52.0	54.1	56.1	54.4	79.8	74.4	62.2	76.5	65.4	64.8

T kr	T ko	T ci	T an	T vu	T sl	U vu	U kr	U an	U ko	U ci	U sl
64.2	75.2	80.1	61.3	57.9	78.2	27.1	55.0	31.4	62.7	60.1	59.5

U an	U sl	U kr	U ci	U vu	U ko	T vu	T ko	T ci	T kr	T an	T sl
26.7	54.9	47.9	54.7	24.4	53.8	57.3	77.2	84.4	62.7	58.9	82.2

T an	T sl	T ko	T ci	T vu	T kr	U ci	U vu	U sl	U ko	U kr	U an
61.9	80.2	73.3	77.5	63.1	62.1	53.2	25.9	60.6	60.4	52.9	31.1

Number of observations: 60

Variable	Description
block	Numbered 1-5
treat	Values U, T
variety	Values an, ci, ko, kr, sl, vu
yield	Measured in hkg/ha

Source

The Royal Veterinary and Agricultural University, Denmark.

Analysis

Split-plot with blocks.