KBS LTER Biodiversity Gradient Experiment

Location within main LTER site

Description Key

F = Fallow
S = Soybean
C = Corn
W = Wheat (red)
T = Tilled and cultivated
cov1 = 1-species cover (legume)
cov2 = 2-species cover (legume + small grain)

Treatment | Description | System
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B1 | F<sub>fall</sub> | A
B2 | F<sub>spring</sub> | A
B3 | C<sub>cov2</sub> - S - W<sub>cov2</sub> | B
B4 | S - W<sub>cov2</sub> - C<sub>cov2</sub> | B
B5 | W<sub>cov2</sub> - C<sub>cov2</sub> - S | B
B6 | C<sub>cov1</sub> - S - W<sub>cov1</sub> | C
B7 | S - W<sub>cov1</sub> - C<sub>cov1</sub> | C
B8 | W<sub>cov1</sub> - C<sub>cov1</sub> - S | C
B9 | C - S - W | D
B10 | S - W - C | D
B11 | W - C - S | D
B12 | C - S | E
B13 | S - C | E
B14 | W - S | E
B15 | C<sub>cov1</sub> | F
B16 | S<sub>cov1</sub> | F
B17 | W<sub>cov1</sub> | F
B18 | C | G
B19 | S | G
B20 | W | G
B21 | T | H

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System Key    Trt    Total Species    Species/year
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A    B1-2    10    5-7
B    B3-5    5    1-3
C    B6-8    4    1-2
D    B9-11    3    1
E    B12-14    2    1
F    B15-17    2    2
G    B18-20    1    1
H    B21    0    0

All treatments established May 2003
Each plot is 30’ X 90’ (9.1m x 27.4m)