Visualizing Tillage and Rotation Effects on Crop Residue
Dick Wolkowski, Dept. of Soil Science (2001)

#1  Sb-C-Sb; CH(f), FC(s); 20%
#2  Sb-C-Sb; NT; 76%
#3  Sb-C-Sb; NT w/RC; 70%
#4  C-Sb-C; CH(f), FC(s); 52%
#5  C-Sb-C; NT; 92%
#6  C-Sb-C; NT w/ RC; 72%
#7  Cont. C; CH(f) FC(s); 36%
#8  Cont. C; NT; 94%
#9  Cont. C; NT w/RC; 86%
Cont. C; CH(f), FC(s); 56%

Cont. C; SC(f), CH(f), FC(s); 42%

Cont. C; MB(s), FC(s); 4%

Cont. C; NT; 90%

Cont. C; SC(f), NT; 94%

Alfalfa; Clipped and Sprayed (f); 18%

C-Sb-C; VR(f), FC(s); 18%

Sb = Soybean
C = Corn
CH = Twisted Shank Coulter Chisel
FC = Field Cultivator
RC = Finger-type Row Cleaners
NT = No-till
VR = V-ripper
SC = Stalks Chopped

*Photos and measurements taken after planting