

# Spring Wheat after Crop Sequences

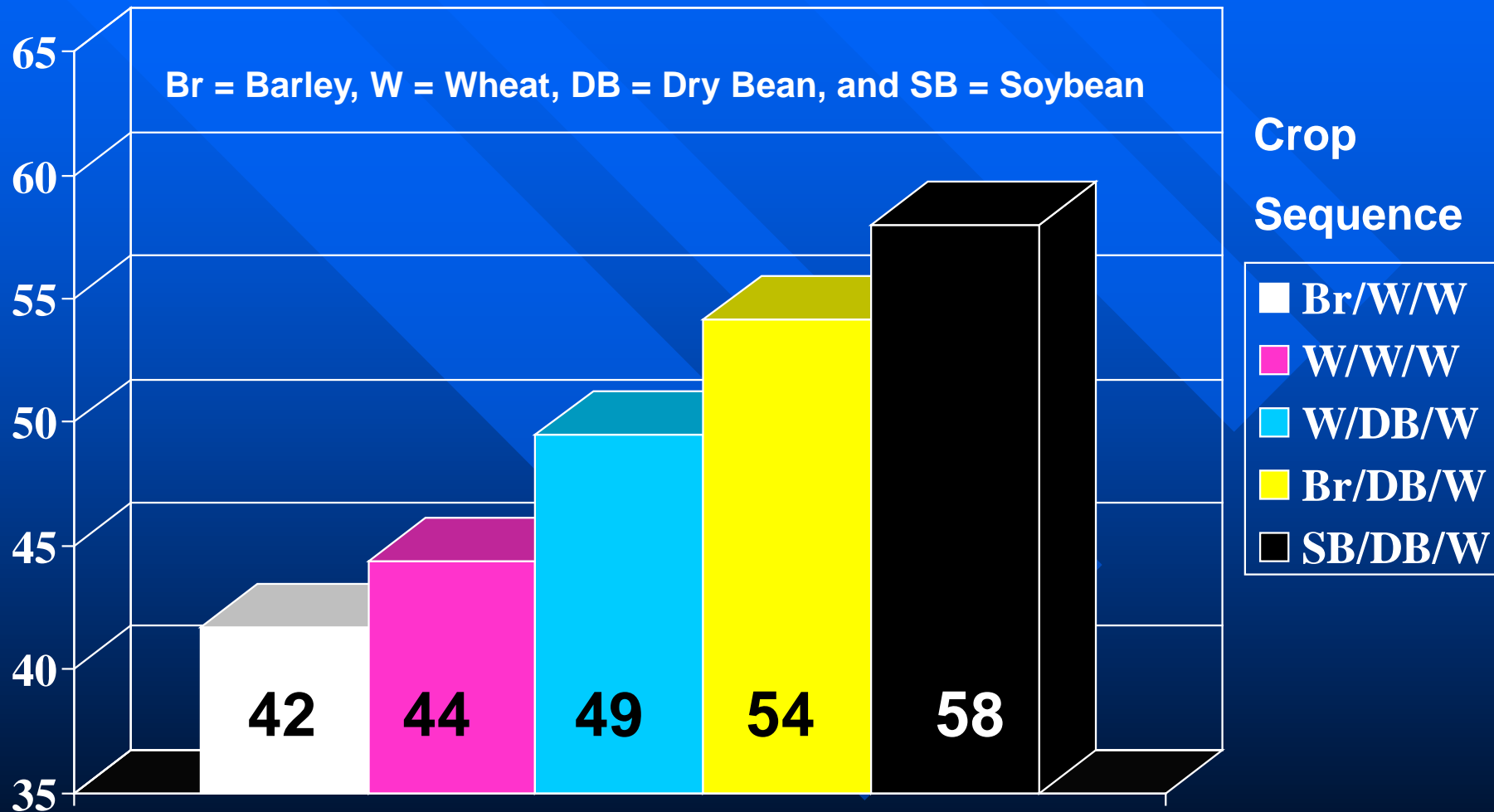
Crop by crop residue matrix with  
100 crop sequence treatments

Spring Wheat crop grown over 100 crop  
sequence treatments grown the previous year

Research Results

# Spring Wheat Yield after Selected Crop Sequences

Yield, Bu/a



# Two Year Average Spring Wheat Yields (bu/a)

Average spring wheat yields for 2 years, each after the 100 crop sequence treatments. Example: Wheat-wheat-wheat, 44.4 bu/a; compared to flax-safflower-wheat, 55.4 bu/a.

## Crop Residue (Second year)

	Canola	Crambe	Dry Bean	Dry Pea	Flax	Safflower	Soybean	Sunflower	Wheat	Barley
Canola	51.2	54.8	55.8	54.3	55.0	55.3	53.4	53.5	48.4	52.9
Crambe	52.5	51.8	52.2	51.9	52.4	51.4	49.8	52.8	44.4	48.8
Dry Bean	53.2	54.3	55.4	53.2	55.4	51.8	54.2	52.0	46.1	49.2
Dry Pea	51.0	52.5	51.2	47.3	51.8	53.0	53.3	52.3	44.0	53.4
Flax	49.4	55.2	52.0	55.5	55.3	55.4	54.9	53.8	46.0	51.2
Safflower	53.6	52.4	52.6	51.6	52.9	50.2	51.2	52.8	47.7	53.1
Soybean	52.2	52.3	58.0	52.1	53.5	52.2	53.7	54.0	43.7	51.3
Sunflower	54.4	55.9	57.0	56.2	54.7	53.3	55.5	52.4	48.1	52.4
Wheat	52.0	52.2	49.4	53.2	50.4	48.8	50.2	49.5	44.4	49.7
Barley	48.8	50.7	54.2	52.5	49.7	54.2	51.8	51.0	41.7	48.1

Crop Residue (First year)

# Two Year Average Spring Wheat Yields (lb/a)

Average spring wheat yields for 2 years, each after the 100 crop sequence treatments. Example: Wheat-wheat-wheat, 2664 lb/a; compared to flax-safflower-wheat, 3325 lb/a.

## Crop Residue (Second year)

	Canola	Crambe	Dry Bean	Dry Pea	Flax	Safflower	Soybean	Sunflower	Wheat	Barley
Canola	3075	3289	3348	3260	3301	3317	3202	3210	2903	3175
Crambe	3147	3110	3133	3117	3141	3086	2987	3170	2664	2929
Dry Bean	3190	3260	3326	3191	3323	3110	3252	3118	2765	2950
Dry Pea	3059	3148	3071	2836	3110	3179	3201	3135	2641	3204
Flax	2967	3313	3122	3329	3316	3325	3295	3226	2760	3074
Safflower	3213	3142	3156	3098	3173	3013	3070	3168	2859	3187
Soybean	3132	3135	3478	3129	3208	3133	3222	3241	2620	3075
Sunflower	3263	3354	3422	3372	3284	3195	3331	3144	2886	3142
Wheat	3119	3133	2967	3193	3021	2930	3013	2972	2664	2985
Barley	2930	3044	3250	3148	2984	3250	3109	3061	2504	2885

Crop Residue (First year)