

Cook Agronomy Farm

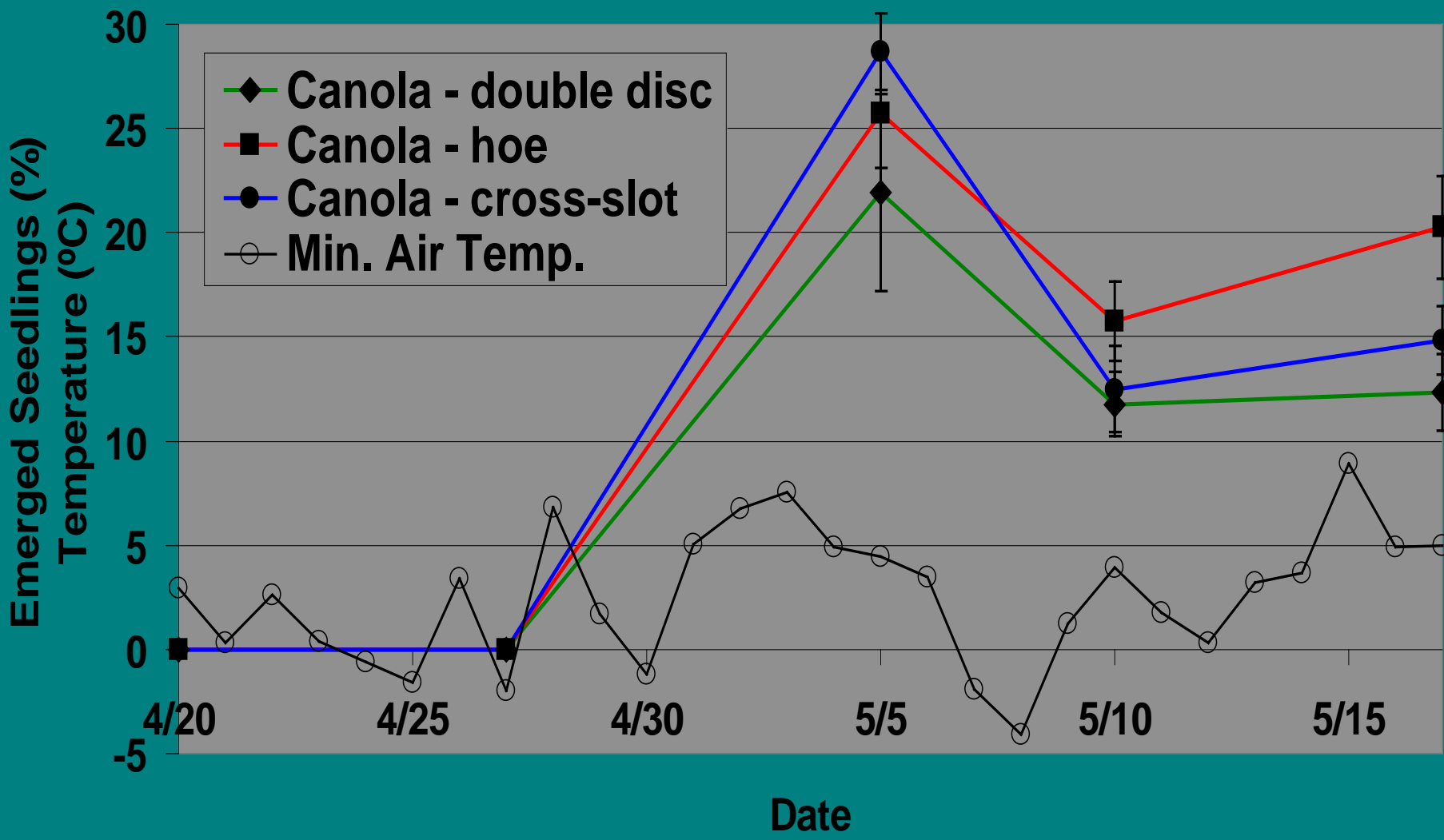
Direct Seed and Precision Farming Systems



Develop principles and strategies that reduce risk, increase profits and improve environmental quality

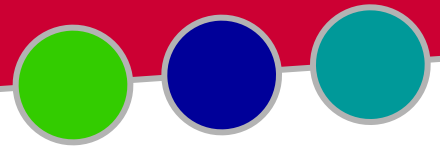


Spring Canola Seedling Emergence Spring 2000

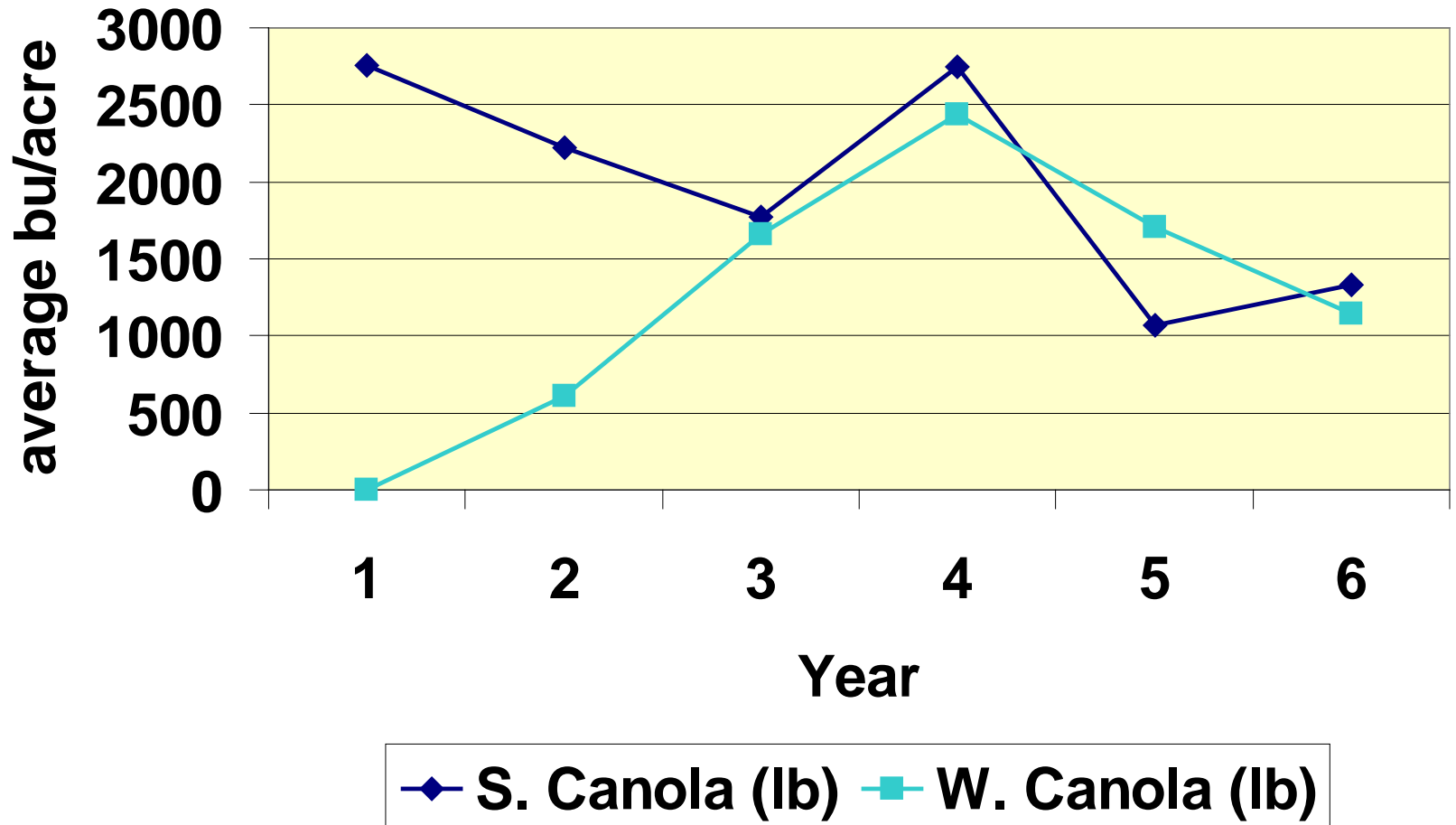


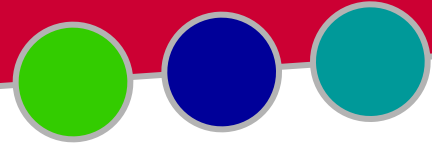
Production Summary

- **No-till: Great Plains Drill**
 - **RR varieties**
 - **Seeding date: early April (target)**
 - **Seeding rate: 6 lbs/ac**
 - **Fertilizer: 110-10-25**
 - **Insecticides: none**
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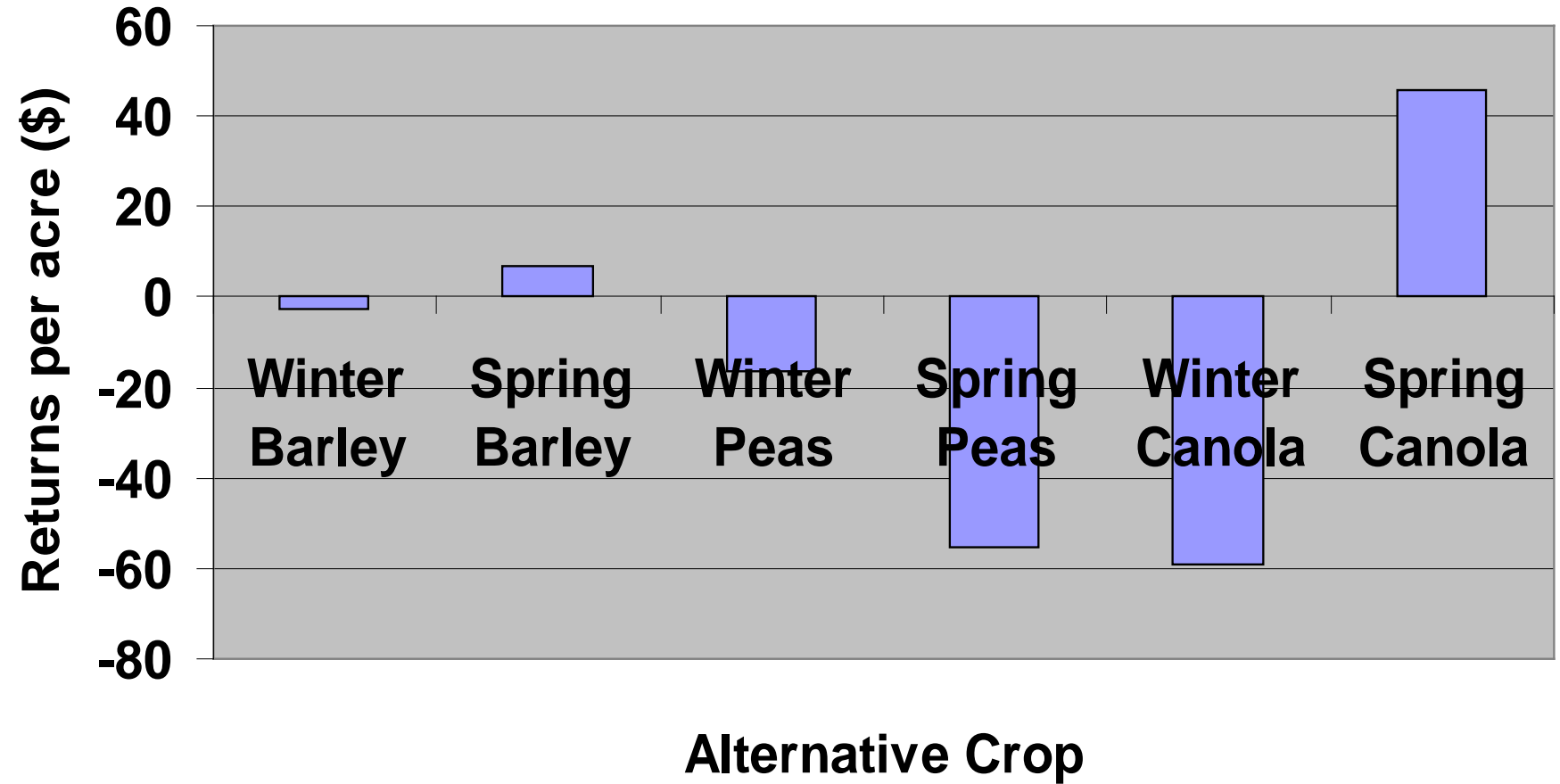


Crop Yields by Year

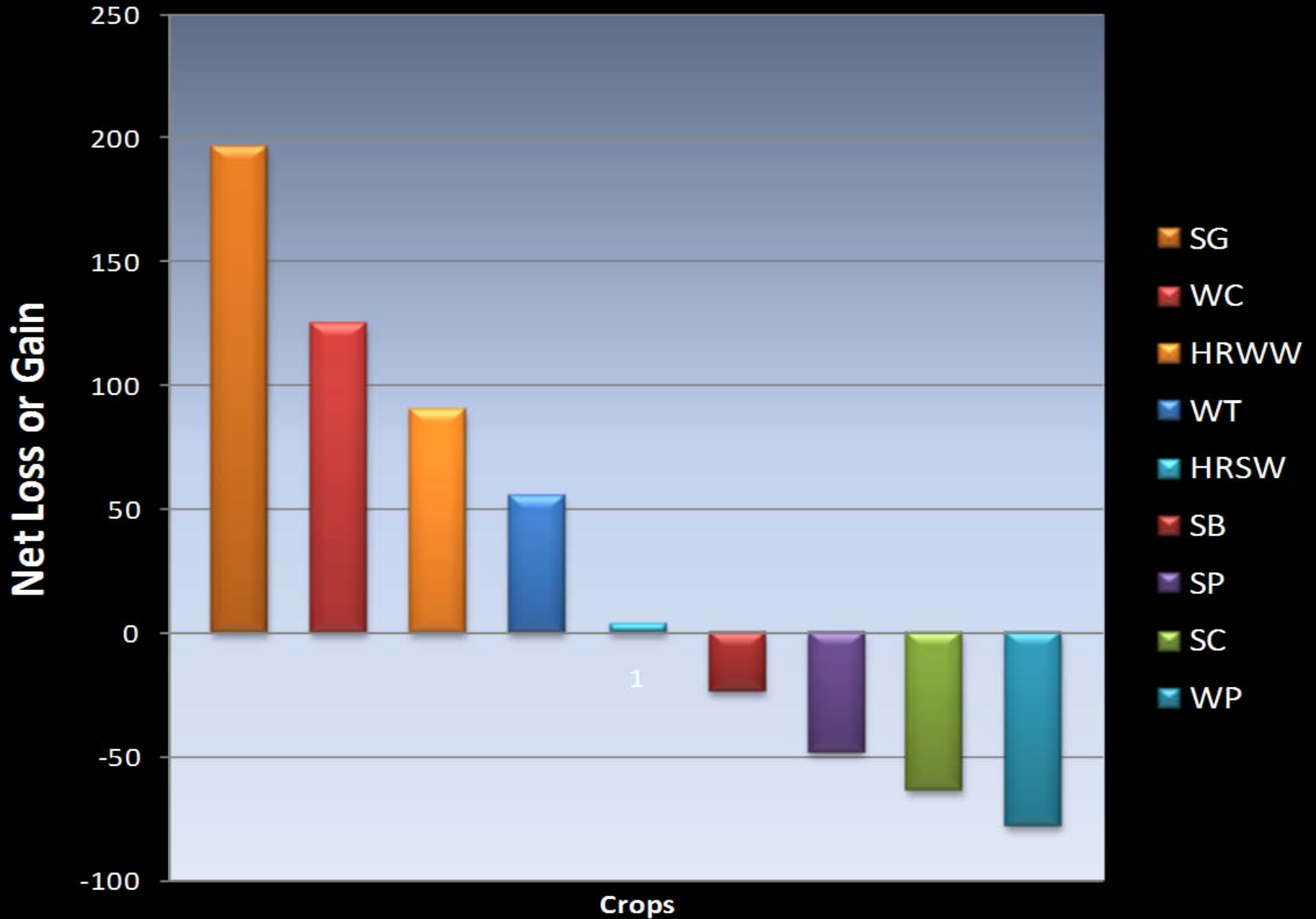




Average Return over Variable Cost



Returns over Total Costs



First planting date (7/10/08)

Sampled on 10/27/08

Treatment	Leaf number / plant	Branch number /plant	Crown diameter (mm)	Leaf area (cm ² /plant)	Plant height (cm)	Biomass (g/plant)
Control	15.56	5.2	6.80 a	134.3	8.99 A	2.54
Palisade high	16.63	5.9	8.25 b	173.2	9.23 AB	2.79
Trimmit high	17.29	5.8	9.15 b	159.4	10.16 BC	3.33
Palisade low					10.97 CD	
Trimmit low					10.66 CD	
Alpha			0.1		0.05	

Yield (lbs/ac) Control: 1538b

Palisade: 1847b

Trimmit: 2311a