Alternatives to Burning Wheat Stubble in the Pacific Northwest, USA

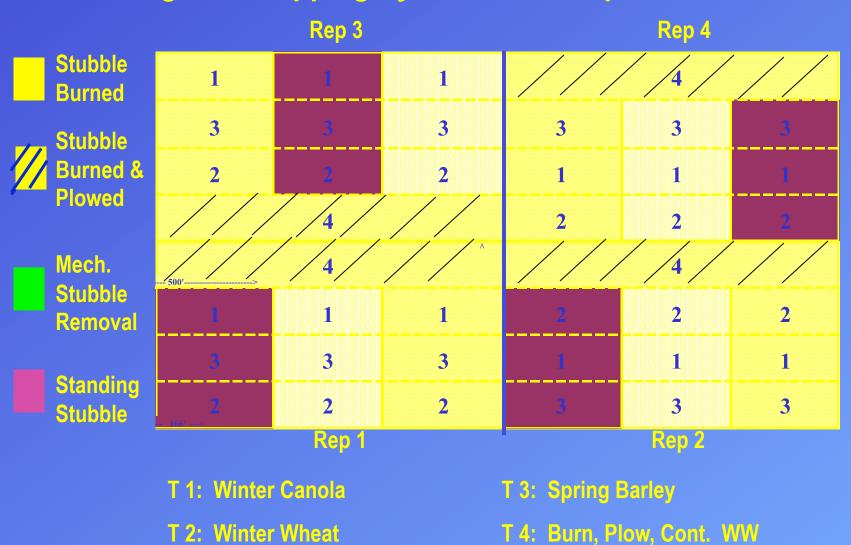
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World Class. Face to Face.



Irrigated Cropping Systems Plot Map, Lind, WA

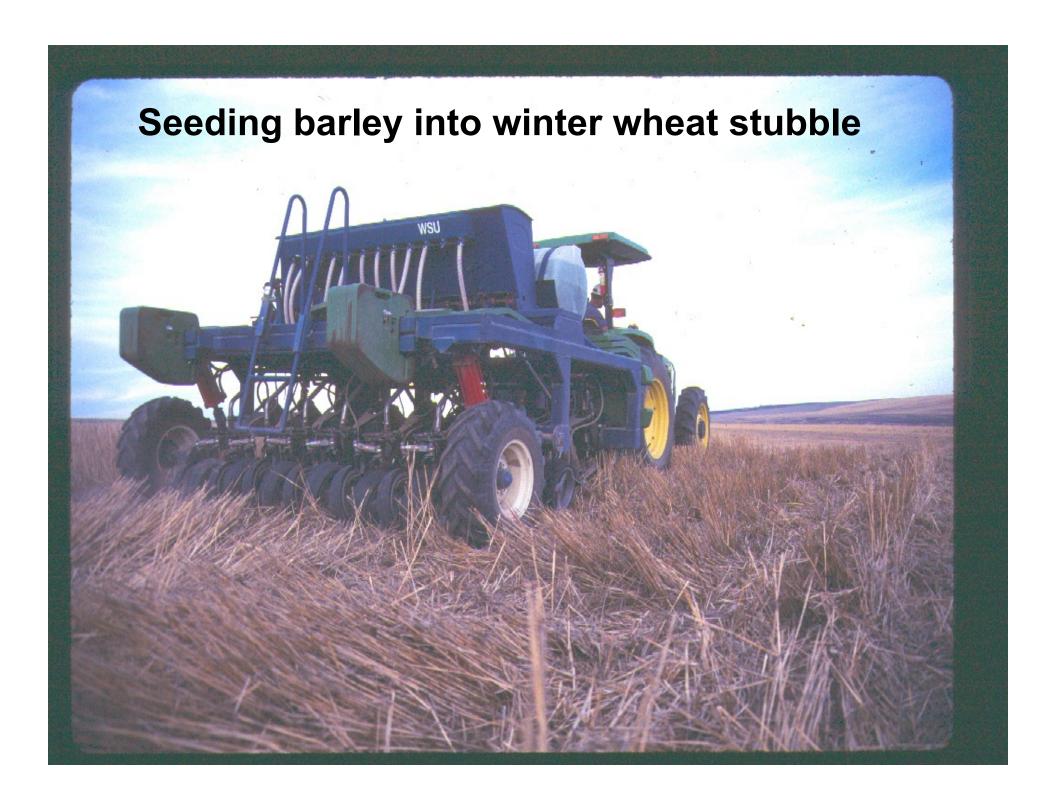


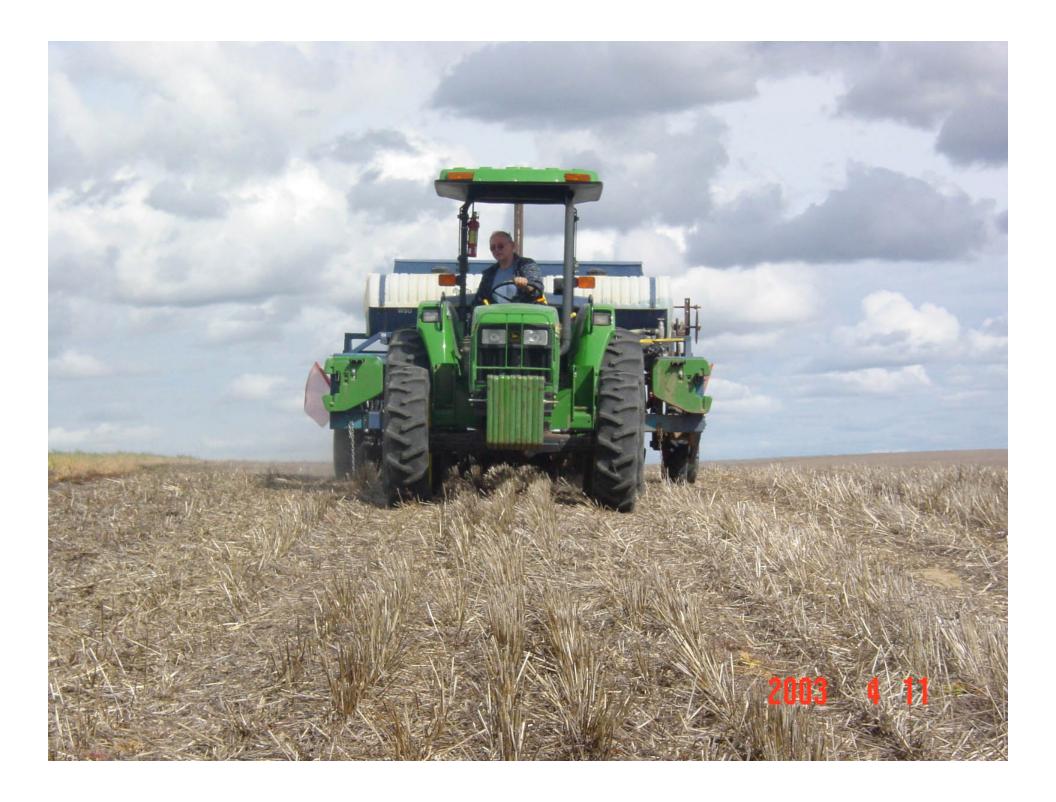




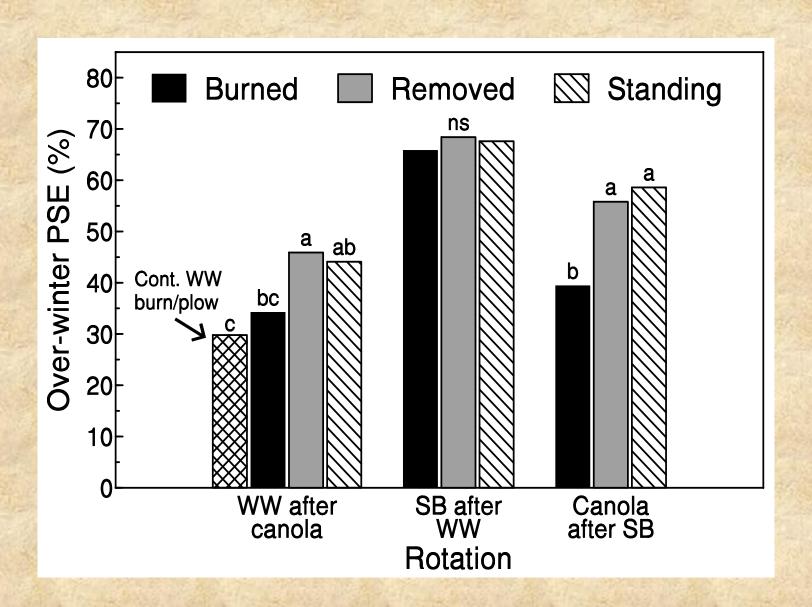








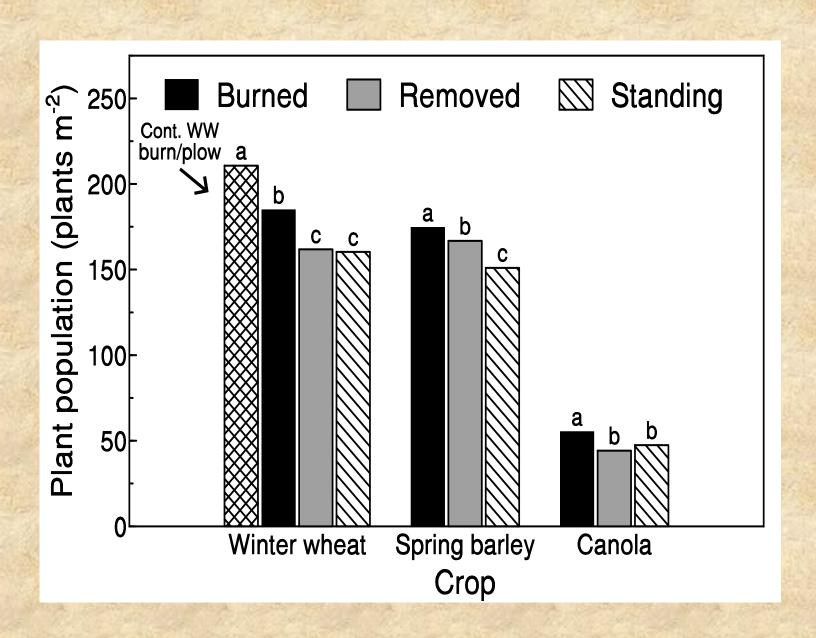












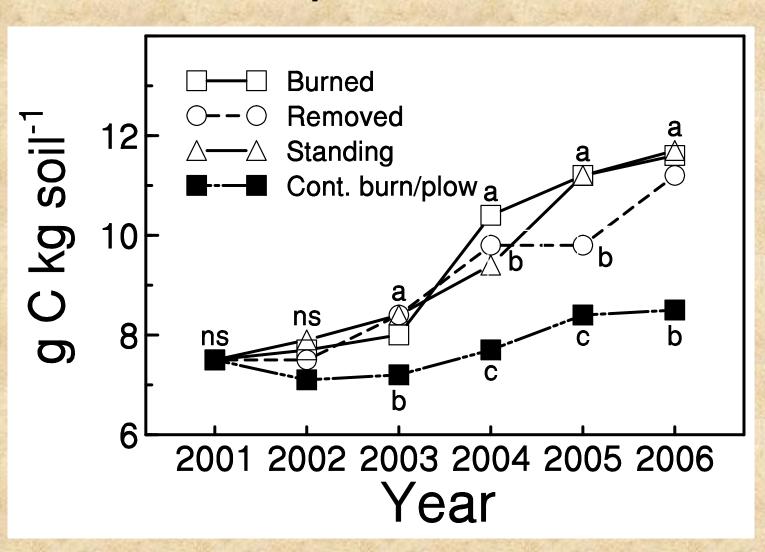




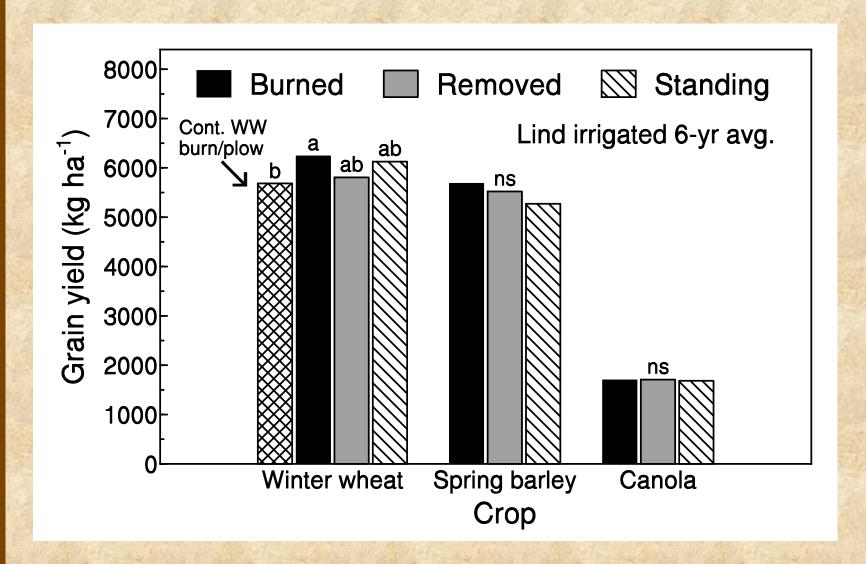




Soil organic carbon depth 0-5 cm







Summary

- Planting canola into barley stubble works well.
- Planting spring barley into 10,000 kg/ha winter wheat stubble not a problem.
- Much better over-winter water storage with standing stubble

Summary cont.

- Burn & plow detrimental to soil quality.
- No difference in grain yield within any crop as affected by residue management.

