



SIS Study: Discoveries from the Field



June 2017





In BPA's territory, there is roughly four times as much irrigated agriculture in the Columbia River Basin than in Idaho



What are the different crop types that are irrigated in BPA's territory?



Scientific Irrigation Scheduling

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64%



Not a dramatic difference between crop types within SIS fields and non-SIS fields



The amount of fields using SIS is similar regardless of incentive availability.

Field Study Category	BPA Utility Without SIS Program	BPA Utility With SIS Program
SIS Program	0%	27%
Non-SIS	77%	71%
SIS Non-Program	23%	2%
Total	100%	100%







The future is data-based agriculture

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There is a steady increase in real time soil moisture monitoring happening.



Growers are installing weather stations on their farm to track micro climates.





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Average Growing Seasons Observed in 2016 Metering Study

Bar starts at average emergence date, ends at average end of growing season date.



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