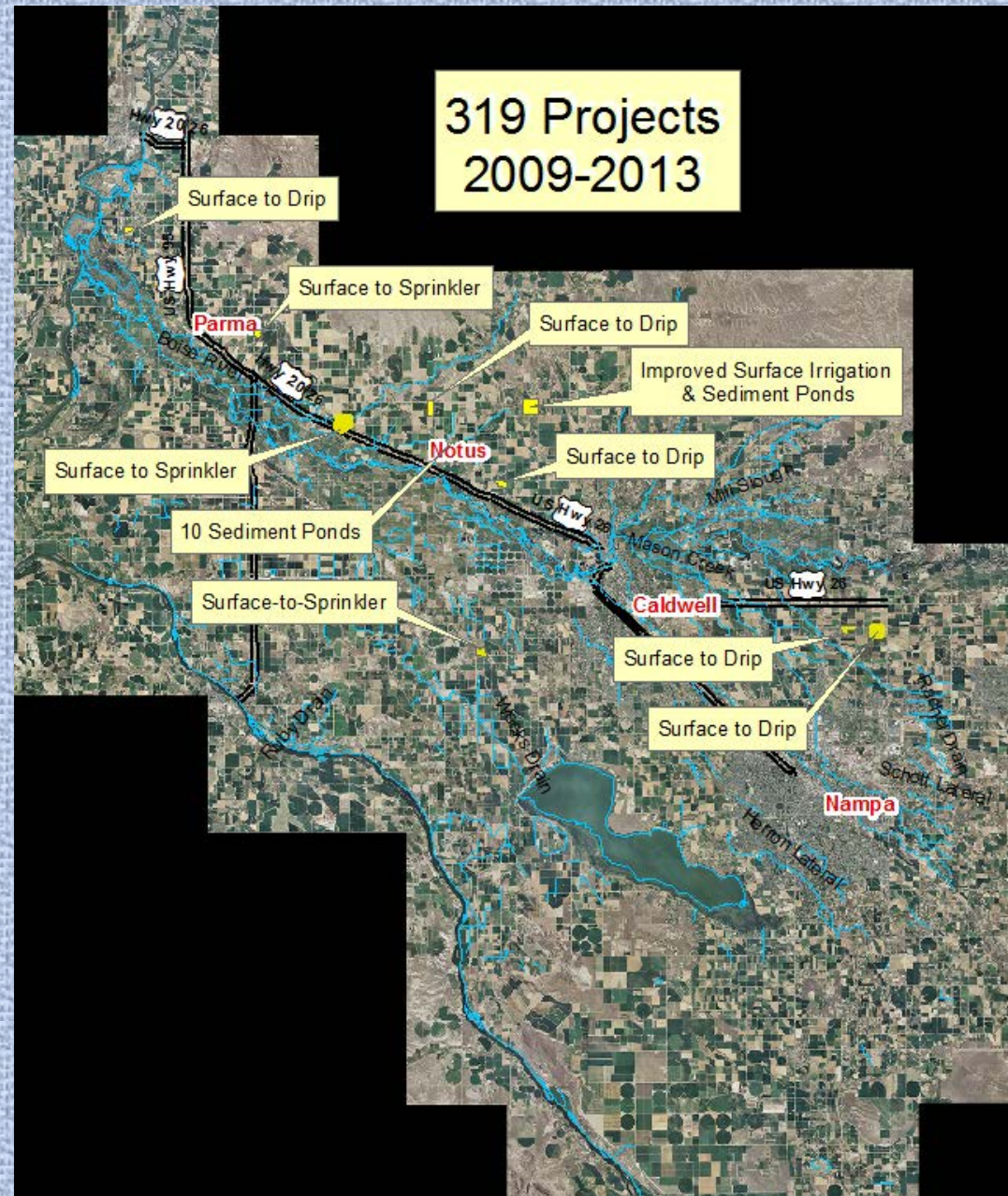


Canyon Soil Conservation District



Best Agricultural Management Practices





Drip on Onions



Benefits of Drip on Onions

- Less Stress on Plants
- Reduce Water Use 33%
- Reduce Fertilizer Application 50%
- Higher Yields



Drip Irrigation on Mint

- Expected to last several seasons
- Less than half the water, fertilizer & pesticides were applied
- Yields increased 40 %
- Soil erosion & runoff reduced/eliminated



Innovations



At end of rows drip tape goes into a manifold allowing for flushing the lines and other maintenance

Drip Irrigation on Beets

- Expected to last several seasons with different crops
- Planted later than other but caught up
- Remote turn on capabilities.



Irrigation Water Management



Sprinklers



Surface Irrigated



Two months after land smoothing
& irrigating with a pivot sprinkler

10 Sediment Basins

- Collects sediment from 205 ac
- Total Storage volume 1772 cu. Yd.
- Saves 1238 tons of soil from leaving the field annually



319 Project Savings Yearly Savings

319 Project	Sediment savings (tons)	Phosphorous savings (tons)	Nitrogen Savings (tons)	Water Savings (Acre Feet)
Surface-to-Drip #1 (Drip, 35 ac)	173	0.09	1.3	66
Surface-to-Drip #2 (Drip, 44 ac)	221	0.11	1.7	85
Surface-to-Drip#3 (Drip, 50 ac)	248	0.12	1.9	95
Sediment Ponds (205 ac)	1238	0.62	4.1	NA
Surface-to-Sprinkler #1 (31 ac)	167	0.08	1.2	62
Surface-to-Sprinkler #2 (59.5ac)	971	1	2.32	17.3
Surface-to-Drip #4 (37.4 ac)	124	0.12	1.87	33.64
Totals (savings per year)	3142	2.14	14.39	358.94

No-Till Drill



Questions

