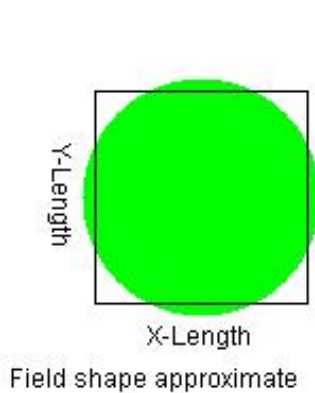


# WEPS Run Summary



**Client** Exercise 5  
**Farm No**  
**Tract No**  
**Field No**  
**Run Name** Alfalfa 3yr-Potato-WWheat, circle irr CMZ 49\_1  
**Run Location** Exercise  
**Management** Alfalfa, fall seed, 3yr-Potato-WWheat, circle irr CMZ49  
**Soil** Quincy\_97\_100\_FS



## Simulation & Site Information

**Mode :** NRCS  
**State :** Washington  
**County :** Grant  
**Soil Loss T:** 5 T/ac/yr  
**Latitude :** 47.30 °N  
**Longitude :** 119.51 °W

## Field Dimension Information

**Radius :** 1342.52 ft  
**Elevation :** 1259.84 ft  
**Orientation :** 0.0 °

**Area :** 129.99 ac

## Weather Station / Files

**Cligen Station :** EPHRATA CAA AP  
**Wingen Station :** MOSES LAKE/GRANT CO

Period	Crop	Gross Loss (tons/acre)	Net Soil Loss From Field (tons/acre)			
			Total	Creep/Salt.	Suspension	PM10
Rot. yr: 1	Wheat, winter, CMZ 50	4.7	4.7	1.33	3.42	0.221
Rot. yr: 2	Alfalfa, hay	0.0	0.0	0.00	0.00	0.000
Rot. yr: 3	Alfalfa, hay	0.0	0.0	0.00	0.00	0.000
Rot. yr: 4	Alfalfa, hay	0.0	0.0	0.00	0.00	0.000
Rot. yr: 5	Potato, late, harvest	38.5	38.5	10.60	27.86	1.828
Ave. Annual		8.6	8.6	2.39	6.26	0.410

Harvest Date	Crop Name	Residue lbs/acre	Harvest Yield	Yield % Moisture
Aug 01, 01	Wheat, winter, CMZ 50 hi ppt 7-10in spac	5961	74.981 bu/ac	13.5
May 15, 02	Alfalfa, hay	710	2.292 ton/ac	15.0
Jun 15, 02	Alfalfa, hay	438	1.259 ton/ac	15.0
Jul 15, 02	Alfalfa, hay	331	0.934 ton/ac	15.0
Aug 15, 02	Alfalfa, hay	470	1.554 ton/ac	15.0
Sep 15, 02	Alfalfa, hay	403	1.302 ton/ac	15.0
May 15, 03	Alfalfa, hay	902	2.830 ton/ac	15.0
Jun 15, 03	Alfalfa, hay	539	1.565 ton/ac	15.0
Jul 15, 03	Alfalfa, hay	402	1.195 ton/ac	15.0
Aug 15, 03	Alfalfa, hay	501	1.666 ton/ac	15.0
Sep 15, 03	Alfalfa, hay	403	1.307 ton/ac	15.0

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Harvest Date	Crop Name	Residue lbs/acre	Harvest Yield	Yield % Moisture
May 15, 04	Alfalfa, hay	910	2.900 ton/ac	15.0
Jun 15, 04	Alfalfa, hay	526	1.474 ton/ac	15.0
Jul 15, 04	Alfalfa, hay	438	1.323 ton/ac	15.0
Aug 15, 04	Alfalfa, hay	514	1.735 ton/ac	15.0
Sep 15, 04	Alfalfa, hay	393	1.236 ton/ac	15.0
Sep 30, 05	Potato, late, harvest	648	450.100 cwt/ac	79.0

Date	Operation	Crop
Mar 15, 01	Irrigation, Start Monitor (pivot, linear, wheelline)	
Jul 15, 01	Irrigation, Stop Monitor	
Aug 01, 01	Harvest, killing crop 50pct standing stubble	Wheat, winter, CMZ 50 hi ppt
Aug 15, 01	Disk, tandem heavy primary op	
Aug 17, 01	Disk, tandem secondary op	
Aug 20, 01	Cultivator, field 6-12 in sweeps	
Aug 24, 01	Drill or airseeder, double disk	Alfalfa, hay
Aug 25, 01	Irrigation, Start Monitor (pivot, linear, wheelline)	
May 08, 02	Irrigation, Stop Monitor	
May 15, 02	Harvest, hay, legume	Alfalfa, hay
May 16, 02	Irrigation, Start Monitor (pivot, linear, wheelline)	
Jun 08, 02	Irrigation, Stop Monitor	
Jun 15, 02	Harvest, hay, legume	Alfalfa, hay
Jun 23, 02	Irrigation, Start Monitor (pivot, linear, wheelline)	
Jul 08, 02	Irrigation, Stop Monitor	
Jul 15, 02	Harvest, hay, legume	Alfalfa, hay
Jul 16, 02	Irrigation, Start Monitor (pivot, linear, wheelline)	
Aug 08, 02	Irrigation, Stop Monitor	
Aug 15, 02	Harvest, hay, legume	Alfalfa, hay
Aug 16, 02	Irrigation, Start Monitor (pivot, linear, wheelline)	

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**Soil** Quincy\_97\_100\_FS

Date	Operation	Crop
Sep 08, 02	Irrigation, Stop Monitor	
Sep 15, 02	Harvest, hay, legume	Alfalfa, hay
Mar 15, 03	Irrigation, Start Monitor (pivot, linear, wheelline)	
May 08, 03	Irrigation, Stop Monitor	
May 15, 03	Harvest, hay, legume	Alfalfa, hay
May 16, 03	Irrigation, Start Monitor (pivot, linear, wheelline)	
Jun 08, 03	Irrigation, Stop Monitor	
Jun 15, 03	Harvest, hay, legume	Alfalfa, hay
Jun 23, 03	Irrigation, Start Monitor (pivot, linear, wheelline)	
Jul 08, 03	Irrigation, Stop Monitor	
Jul 15, 03	Harvest, hay, legume	Alfalfa, hay
Jul 16, 03	Irrigation, Start Monitor (pivot, linear, wheelline)	
Aug 08, 03	Irrigation, Stop Monitor	
Aug 15, 03	Harvest, hay, legume	Alfalfa, hay
Aug 16, 03	Irrigation, Start Monitor (pivot, linear, wheelline)	
Sep 08, 03	Irrigation, Stop Monitor	
Sep 15, 03	Harvest, hay, legume	Alfalfa, hay
Mar 15, 04	Irrigation, Start Monitor (pivot, linear, wheelline)	
May 08, 04	Irrigation, Stop Monitor	
May 15, 04	Harvest, hay, legume	Alfalfa, hay
May 16, 04	Irrigation, Start Monitor (pivot, linear, wheelline)	
Jun 08, 04	Irrigation, Stop Monitor	
Jun 15, 04	Harvest, hay, legume	Alfalfa, hay
Jun 23, 04	Irrigation, Start Monitor (pivot, linear, wheelline)	
Jul 08, 04	Irrigation, Stop Monitor	
Jul 15, 04	Harvest, hay, legume	Alfalfa, hay
Jul 16, 04	Irrigation, Start Monitor (pivot, linear, wheelline)	
Aug 08, 04	Irrigation, Stop Monitor	
Aug 15, 04	Harvest, hay, legume	Alfalfa, hay

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**Soil** Quincy\_97\_100\_FS

Date	Operation	Crop
Aug 16, 04	Irrigation, Start Monitor (pivot, linear, wheelline)	
Sep 08, 04	Irrigation, Stop Monitor	
Sep 15, 04	Harvest, hay, legume	Alfalfa, hay
Apr 10, 05	Disk, tandem heavy primary op	
Apr 15, 05	Chisel, twisted shovel	
Apr 16, 05	Disk, tandem light finishing	
Apr 19, 05	Bedder, hipper, disk hiller	
Apr 20, 05	Planter, double disk opener on 8 inch high beds	Potato, late, harvest
Apr 21, 05	Irrigation, Start Monitor (pivot, linear, wheelline)	
May 12, 05	Cultivator, rotary, row	
Jun 11, 05	Cultivator, rotary, row	
Sep 16, 05	Irrigation, Stop Monitor	
Sep 30, 05	Harvest, dig root crops res. buried	Potato, late, harvest
Oct 01, 05	Disk, offset, heavy	
Oct 01, 05	Cultipacker, roller	
Oct 01, 05	Drill or airseeder, double disk	Wheat, winter, CMZ 50 hi ppt
Oct 02, 05	Irrigation (2 inch, Pivot, Linear, Wheelline)	

## Run specific information:

1/10/ 5 Wheat, winter, CMZ 50 hi ppt 7-10in spac 1.225  
 20/ 4/ 5 Potato, late, harvest 1.225

1/10/ 5 Wheat, winter, CMZ 50 hi ppt 7-10in spac 1.193  
 20/ 4/ 5 Potato, late, harvest 1.225