

Table 1a. Dominant crop rotations and tillage sequences for sites by precipitation zone. High Precipitation

Site Number	Location	County	Precipitation Zone	Annual Rainfall (Inches)	Seeding	Rotation	low pH /high AI	Dominant crop rotation(s)	Dominant tillage sequence(s)
1	Genesee, ID	Latah	High	24	Direct Seed	winter wheat – winter wheat	Major	WW-WW-Garb-Can-Pea	Single pass till, harrow in spring as relevant-DS
10	Genesee, ID	Latah	High	24	Direct Seed	spring wheat – winter wheat	Major	Pulses, WW, SG	DS pulses into SG
14	Genesee, ID	Latah	High	24	Direct Seed	spring wheat – winter wheat	None	winter wheat – winter wheat	
8	Colfax, WA	Whitman	High	20	Direct Seed	spring peas – winter wheat	None	WW-Pea; Sbar, Pea, WW	Disking 80 bushel stubble
5	Pullman, WA	Whitman	High	20	Conser- vation	chickpeas – winter wheat	Major	WW-SW- Pulses	Disc-rip 6”-8” WW stubble in fall; harrow and seed SW in spring, chisel 6”- 8” SW stubble, harrow and seed pulses in spring
11	Colton, WA	Whitman	High	20	Direct Seed	spring peas – winter wheat	Major	WW,WW, SG, Pulses	DS WW w/hoe drill, fall chisel WW stubble to apply fertilizer before spring grain

Table 1b. Dominant crop rotations and tillage sequences for sites by precipitation zone. Intermediate precipitation

Site Number	Location	County	Precipitation Zone	Annual Rainfall (Inches)	Seeding	Rotation	low pH /high Al	Dominant crop rotation(s)	Dominant tillage sequence(s)
4	Dayton, WA	Columbia	Intermediate	19	Direct Seed	spring peas – winter wheat	Major	3 yr: WW, SG, Fallow 4 yr: WW, WW, SG, S broad leaf	3 yr: DS WW, Fall vertical till, 2 pass SG, chem fallow 4 yr: 2 pass WW, DS WW, fall vertical till/3 pass SG, DS spring broadleaf
9	Dayton, WA	Columbia	Intermediate	19	Direct Seed	spring wheat – winter wheat	Major	WW/ SW/ Canola/Lentils/Pea/SW/Oats, WW	DS
13	St. John, WA	Whitman	Intermediate	17	Direct Seed	spring wheat – winter wheat	None	spring wheat – winter wheat	
16	Lacrosse, WA	Whitman	Intermediate	17	Direct Seed	spring mustard – winter wheat	Minor	spring mustard – winter wheat	
3	Wilbur, WA	Lincoln	Intermediate	15	Direct Seed	fallow – winter wheat	None	3 year: SG, NTF, WW; 4 year: S Can, SG, NTF, WW	DS
15	Wilbur, WA	Lincoln	Intermediate	15	Conservation	fallow – winter wheat	None	ww/fallow	

Table 1c. Dominant crop rotations and tillage sequences for sites by precipitation zone. Low precipitation.

Site Number	Location	County	Precipitation Zone	Annual Rainfall (Inches)	Seeding	Rotation	low pH /high Al	Dominant crop rotation(s)	Dominant tillage sequence(s)
12	Bickleton, WA	Klickitat	Low	13	Direct Seed	winter wheat – winter wheat	None	SW, SW, WW	No-till cross-slot seed drill
7	Ritzville, WA	Adams	Low	12	Conser- vation	fallow – winter wheat	None	WW/ Fallow	Undercutter and rodweed
6	Ritzville, WA	Adams	Low	12	Direct Seed	fallow – winter wheat	None	Contin. SW	None reported
2	Davenport, WA	Lincoln	Low	13	Direct Seed	fallow – winter wheat	Major	NTF-WW- SW	DS