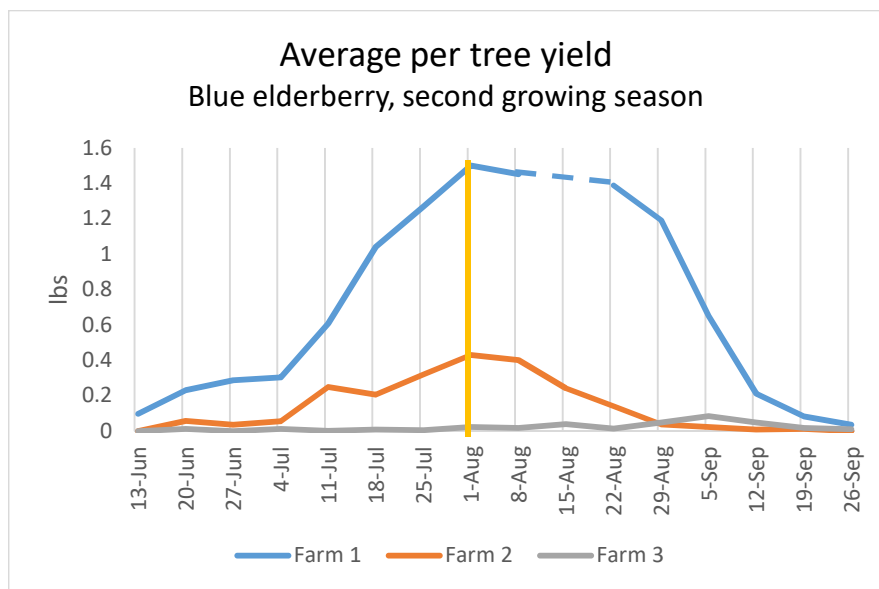


# Field demonstration results summary

Katie Fyhrie – The Cloverleaf Farm  
 k.fyhrie@gmail.com – thecloverleaffarm@gmail.com



## Average per tree yield (total) Second growing season

Farm	Subspecies	Yield (lb)
1	Blue	11.21
	American	1.19
2	Blue	2.21
	American	0.04
3	Blue	0.34
	American	0.20

**Table 1.** Average total yield per tree (lbs, destemmed) of Blue and American elderberry subspecies in second growing season (2019) on demonstration farms 1, 2, and 3.

**Figure 1.** Average weekly yield per tree (lbs, destemmed) of blue elderberry in second growing season (2019) on demonstration farms 1, 2, and 3. Berries were harvested weekly, with peak per tree yield on August 1.

Farm 1	Farm 2	Farm 3
<b>Spacing:</b> 10'	<b>Spacing:</b> 6'	<b>Spacing:</b> 10-12'
<b>Soil prep:</b> 3' rip, disc, rototill	<b>Soil prep:</b> disc, rototill, raised bed	<b>Soil prep:</b> mow weeds
<b>Mulch:</b> cardboard + organic	<b>Mulch:</b> plastic landscape fabric	<b>Mulch:</b> cardboard + organic (circles)
<b>Irrigation (2018):</b> weekly May-Sep Total: 216 gal/plant	<b>Irrigation (2018):</b> biweekly May-Aug Total: 155 gal/plant	<b>Irrigation (2018):</b> biweekly May-Oct Total: 450 gal/plant
<b>Irrigation (2019):</b> weekly Jun-Aug Total: 83.5 gal/plant	<b>Irrigation (2019):</b> monthly May-Aug Total: 24 gal/plant	<b>Irrigation (2019):</b> monthly Jul-Sep Total: 100 gal/plant
<b>Other:</b> removed tree tubes early	<b>Other:</b> left tree tubes on	<b>Other:</b> high winter weed pressure

## Percent growth by subspecies

Average diameter, height

	H	D
Blue	1455%	822%
American	265%	38%

**Table 2.** Average percent increase in diameter (D) and height (H) by subspecies over two growing seasons (May 2018 – October 2019). These represent average height and diameter across all three demonstration farms.

## Cost of labor

	min/lb	\$/lb
Harvest	2.77	\$ 0.69
Destemming	2.80	\$ 0.70
<b>Total</b>	<b>5.57</b>	<b>\$ 1.39</b>

**Table 3.** Average amount and cost of harvest and destemming labor per pound of destemmed berries (\$15/hour). Destemming of frozen berries was done by hand. Harvest labor includes orchard ladder use. Berries were harvested by hand-plucking whole berry cymes.