

Seasonal Crop ET Estimates (inches/year) These estimates should be adjusted as necessary for age, crop vigor, atypical density, etc. ND=No data																			
Crop	Butte	Colusa	El Dorado	Glenn	Lake	Lassen	Modoc	Napa	Nevada	Placer	Plumas	Sacramento	Shasta	Sierra	Siskiyou	Solano	Sutter	Tehama	Yolo
Alfalfa	53.3	54.7	54.7	54.7	49.5	53.3	43.4	49.5	53.3	54.7	53.3	56.1	51.2	53.3	46.3	52.8	54.7	54.7	56.1
Almond, mature	48.9	49.6	49.8	49.6	ND	49.1	ND	ND	49.1	49.8	49.1	50.5	49.1	49.1	ND	50.5	49.6	49.8	50.5
Almond, 4th leaf	44.0	44.7	44.8	44.7	ND	44.2	ND	ND	44.2	44.8	44.2	45.4	44.2	44.2	ND	45.4	44.7	44.8	45.4
Almond, 3rd leaf	36.7	37.2	37.4	37.2	ND	36.8	ND	ND	36.8	37.4	36.8	37.9	36.8	36.8	ND	37.9	37.2	37.4	37.9
Almond, 2nd leaf	26.9	27.3	27.4	27.3	ND	27.0	ND	ND	27.0	27.4	27.0	27.8	27.0	27.0	ND	27.8	27.3	27.4	27.8
Almond, 1st leaf	19.6	19.9	19.9	19.9	ND	19.6	ND	ND	19.6	19.9	19.6	20.2	19.6	19.6	ND	20.2	19.9	19.9	20.2
Apple	41.0	43.6	42.9	43.6	ND	40.4	ND	ND	40.4	42.9	40.4	45.5	40.2	40.4	40.0	45.5	43.6	42.9	45.5
Apricot/Aprium	41.0	43.6	42.9	43.6	ND	40.4	ND	ND	40.4	42.9	40.4	45.5	40.2	40.4	40.0	45.5	43.6	42.9	45.5
Asparagus	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Barley	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	26.4	29.1	23.6	29.7	28.7	29.4	29.7
Bean - Green	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Bean Dry	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Beet	37.6	38.5	39.4	38.5	ND	ND	ND	ND	ND	39.4	ND	39.4	36.1	ND	36.1	39.4	38.5	39.4	39.4
Berry	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Blackberry	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Blueberry	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cabbage	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Canola	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Carrot	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Cherry	41.0	43.6	42.9	43.6	ND	40.4	ND	ND	40.4	42.9	40.4	45.5	40.2	40.4	40.0	45.5	43.6	42.9	45.5
Chestnut	38.7	42.0	40.4	42.0	ND	37.2	ND	ND	37.2	40.4	37.2	43.7	37.8	37.2	38.5	43.7	42.0	40.4	43.7
Christmas Trees	41.9	42.2	43.7	42.2	ND	43.3	ND	ND	43.3	43.7	43.3	44.1	41.1	43.3	38.9	44.1	42.2	43.7	44.1
Cilantro	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Citrus	39.0	42.9	41.1	42.9	ND	37.2	ND	ND	37.2	41.1	37.2	45.0	38.1	37.2	39.1	45.0	42.9	41.1	45.0
Citrus	35.3	36.1	36.1	36.1	ND	35.3	ND	ND	35.3	36.1	35.3	37.0	35.3	35.3	ND	37.0	36.1	36.1	37.0
Corn - Fodder/Silage	33.2	32.4	34.6	32.4	ND	35.5	ND	ND	35.5	34.6	35.5	33.7	32.3	35.5	29.2	33.7	32.4	34.6	33.7
Corn - Grain	33.2	32.4	34.6	32.4	ND	35.5	ND	ND	35.5	34.6	35.5	33.7	32.3	35.5	29.2	33.7	32.4	34.6	33.7
Corn - Popcorn	33.2	32.4	34.6	32.4	ND	35.5	ND	ND	35.5	34.6	35.5	33.7	32.3	35.5	29.2	33.7	32.4	34.6	33.7
Corn - Sweet	33.2	32.4	34.6	32.4	ND	35.5	ND	ND	35.5	34.6	35.5	33.7	32.3	35.5	29.2	33.7	32.4	34.6	33.7
Cotton	33.7	35.9	35.2	35.9	ND	33.1	ND	ND	33.1	35.2	33.1	37.4	32.7	33.1	32.4	37.4	35.9	35.2	37.4
Cover Crop	CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			
Cucumber	19.9	20.7	21.5	20.7	ND	ND	ND	ND	ND	21.5	ND	21.5	19.4	ND	19.4	21.5	20.7	21.5	21.5
Dichondra	41.9	42.2	43.7	42.2	ND	43.3	ND	ND	43.3	43.7	43.3	44.1	41.1	43.3	38.9	44.1	42.2	43.7	44.1
Fallow	7.1	6.5	7.4	6.5	ND	8.0	ND	ND	8.0	7.4	8.0	6.9	8.1	8.0	8.2	6.9	6.5	7.4	6.9
Fig	38.7	42.0	40.4	42.0	ND	37.2	ND	ND	37.2	40.4	37.2	43.7	37.8	37.2	38.5	43.7	42.0	40.4	43.7
Filbert	38.7	42.0	40.4	42.0	ND	37.2	ND	ND	37.2	40.4	37.2	43.7	37.8	37.2	38.5	43.7	42.0	40.4	43.7
Flower/Ornamental	41.9	42.2	43.7	42.2	ND	43.3	ND	ND	43.3	43.7	43.3	44.1	41.1	43.3	38.9	44.1	42.2	43.7	44.1
Grain Hay	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	39.8	28.7	29.4	29.7
Grape - Other	ND	32.3	32.3	32.3	ND	ND	ND	ND	ND	32.3	ND	32.3	ND	ND	ND	32.3	32.3	32.3	32.3
Grape - Rootstock	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Grape - Wine	41.2	41.5	41.9	41.5	37.6	41.6	ND	37.6	41.6	41.9	41.6	42.1	40.1	41.6	38.5	39.8	41.5	41.9	42.1
Greenhouse	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hay/Forage	CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			CHOOSE SPECIFIC CROP			
Herb/Spice	41.9	42.2	43.7	42.2	ND	43.3	ND	ND	43.3	43.7	43.3	44.1	41.1	43.3	38.9	44.1	42.2	43.7	44.1
Hops	42.5	42.5	42.5	42.5	ND	42.5	ND	ND	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
Kale	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Kiwi	48.0	48.0	48.0	48.0	ND	48.0	ND	ND	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
Lavender	41.9	42.2	43.7	42.2	ND	43.3	ND	ND	43.3	43.7	43.3	44.1	41.1	43.3	38.9	44.1	42.2	43.7	44.1
Leeks	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Melon	19.9	20.7	21.5	20.7	ND	0.0	ND	ND	0.0	21.5	0.0	21.5	19.4	0.0	19.4	21.5	20.7	21.5	21.5
Millet	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Misc Fruit Tree	38.7	42.0	40.4	42.0	ND	37.2	ND	ND	37.2	40.4	37.2	43.7	37.8	37.2	38.5	43.7	42.0	40.4	43.7
Misc Nut Tree	43.7	43.7	43.7	43.7	ND	ND	ND	ND	43.7	43.7	43.7	ND	ND	ND	ND	43.7	43.7	43.7	ND

Seasonal Crop ET Estimates (inches/year) These estimates should be adjusted as necessary for age, crop vigor, atypical density, etc. ND=No data																			
Crop	Butte	Colusa	El Dorado	Glenn	Lake	Lassen	Modoc	Napa	Nevada	Placer	Plumas	Sacramento	Shasta	Sierra	Siskiyou	Solano	Sutter	Tehama	Yolo
Misc Row Crop	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Misc Truck Crop	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Misc Vegetable	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Nursery	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oat	28.4	28.7	29.4	28.7	ND	29.1	44.3	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Okra	19.2	22.1	20.2	22.1	ND	17.3	ND	ND	17.3	20.2	17.3	23.1	20.6	17.3	23.9	23.1	22.1	20.2	23.1
Olive (table)	40.7	41.7	41.7	41.7	ND	40.7	ND	ND	40.7	41.7	40.7	42.7	40.7	40.7	40.7	42.7	41.7	41.7	42.7
Olive (oil)	32.6	33.4	33.4	33.4	ND	32.6	ND	ND	17.3	33.4	17.3	23.1	32.6	17.3	47.1	53.6	33.4	33.4	23.1
Onion	19.5	22.1	19.9	22.1	ND	17.3	ND	ND	17.3	19.9	17.3	22.5	20.6	17.3	23.9	22.5	22.1	19.9	22.5
Orange	35.3	36.1	36.1	36.1	ND	35.3	ND	ND	35.3	36.1	35.3	37.0	35.3	35.3	ND	37.0	36.1	36.1	37.0
Other	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pasture	54.3	55.6	55.6	55.6	50.3	54.3	44.3	50.3	54.3	55.6	54.3	57.0	52.1	54.3	50.0	57.0	55.6	55.6	57.0
Pea	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Peach/Nectarine, mature	40.5	40.8	41.1	40.8	ND	40.8	ND	ND	40.8	41.1	40.8	41.4	40.8	40.8	ND	41.4	40.8	41.1	41.4
Peach, 5th leaf	32.4	32.6	32.9	32.6	ND	32.6	ND	ND	32.6	32.9	32.6	33.1	32.6	32.6	ND	33.1	32.6	32.9	33.1
Peach, 4th leaf	28.3	28.6	28.8	28.6	ND	28.5	ND	ND	28.5	28.8	28.5	29.0	28.5	28.5	ND	29.0	28.6	28.8	29.0
Peach, 3rd leaf	26.3	26.5	26.7	26.5	ND	26.5	ND	ND	26.5	26.7	26.5	26.9	26.5	26.5	ND	26.9	26.5	26.7	26.9
Peach, 2nd leaf	18.2	18.4	18.5	18.4	ND	18.4	ND	ND	18.4	18.5	18.4	18.6	18.4	18.4	ND	18.6	18.4	18.5	18.6
Peach, 1st leaf	10.9	11.0	11.1	11.0	ND	11.0	ND	ND	11.0	11.1	11.0	11.2	11.0	11.0	ND	11.2	11.0	11.1	11.2
Pear	41.0	43.6	42.9	43.6	ND	40.4	ND	ND	40.4	42.9	40.4	45.5	40.2	40.4	40.0	45.5	43.6	42.9	45.5
Pecan, mature	38.7	42.9	41.3	42.9	ND	37.2	ND	ND	37.2	41.3	37.2	45.5	37.8	37.2	38.5	45.5	42.9	41.3	45.5
Pecan, 3rd leaf	32.9	36.4	35.1	36.4	ND	31.6	ND	ND	31.6	35.1	31.6	38.6	32.2	31.6	32.7	38.6	36.4	35.1	38.6
Pecan, 2nd leaf	19.4	21.4	20.7	21.4	ND	18.6	ND	ND	18.6	20.7	18.6	22.7	18.9	18.6	19.2	22.7	21.4	20.7	22.7
Pecan, 1st leaf	11.6	12.9	12.4	12.9	ND	11.2	ND	ND	11.2	12.4	11.2	13.6	11.3	11.2	11.5	13.6	12.9	12.4	13.6
Pepper	27.0	27.1	27.9	27.1	ND	27.8	ND	ND	27.8	27.9	27.8	28.0	27.0	27.8	26.2	28.0	27.1	27.9	28.0
Persimmon	38.7	42.0	40.4	42.0	ND	37.2	ND	ND	37.2	40.4	37.2	43.7	37.8	37.2	38.5	43.7	42.0	40.4	43.7
Pistachio, mature	42.5	42.6	43.0	42.6	ND	42.8	ND	ND	42.8	43.0	42.8	43.2	42.8	42.8	ND	43.2	42.6	43.0	43.2
Pistachio, 5th leaf	34.0	34.1	34.4	34.1	ND	34.3	ND	ND	34.3	34.4	34.3	34.5	34.3	34.3	ND	34.5	34.1	34.4	34.5
Pistachio, 4th leaf	29.7	29.8	30.1	29.8	ND	30.0	ND	ND	30.0	30.1	30.0	30.2	30.0	30.0	ND	30.2	29.8	30.1	30.2
Pistachio, 3rd leaf	27.6	27.7	28.0	27.7	ND	27.8	ND	ND	27.8	28.0	27.8	28.1	27.8	27.8	ND	28.1	27.7	28.0	28.1
Pistachio, 2nd leaf	19.1	19.2	19.4	19.2	ND	19.3	ND	ND	19.3	19.4	19.3	19.4	19.3	19.3	ND	19.4	19.2	19.4	19.4
Pistachio, 1st leaf	11.5	11.5	11.6	11.5	ND	11.6	ND	ND	11.6	11.6	11.6	11.7	11.6	11.6	ND	11.7	11.5	11.6	11.7
Plum/Pluot	41.0	43.6	42.9	43.6	ND	40.4	ND	ND	40.4	42.9	40.4	45.5	40.2	40.4	40.0	45.5	43.6	42.9	45.5
Pomegranate	38.7	42.0	40.4	42.0	ND	37.2	ND	ND	37.2	40.4	37.2	43.7	37.8	37.2	38.5	43.7	42.0	40.4	43.7
Potato	37.6	38.5	39.4	38.5	ND	ND	ND	ND	ND	39.4	ND	39.4	36.1	ND	36.1	39.4	38.5	39.4	39.4
Prune, mature	43.2	43.7	43.8	43.7	ND	43.3	ND	ND	43.3	43.8	43.3	44.2	43.3	43.3	ND	44.2	43.7	43.8	44.2
Prune, 5th leaf	34.6	34.9	35.0	34.9	ND	34.6	ND	ND	34.6	35.0	34.6	35.4	34.6	34.6	ND	35.4	34.9	35.0	35.4
Prune, 4th leaf	30.2	30.6	30.6	30.6	ND	30.3	ND	ND	30.3	30.6	30.3	31.0	30.3	30.3	ND	31.0	30.6	30.6	31.0
Prune, 3rd leaf	28.1	28.4	28.5	28.4	ND	28.1	ND	ND	28.1	28.5	28.1	28.8	28.1	28.1	ND	28.8	28.4	28.5	28.8
Prune, 2nd leaf	19.4	19.6	19.7	19.6	ND	19.5	ND	ND	19.5	19.7	19.5	19.9	19.5	19.5	ND	19.9	19.6	19.7	19.9
Prune, 1st leaf	11.7	11.8	11.8	11.8	ND	11.7	ND	ND	11.7	11.8	11.7	11.9	11.7	11.7	ND	11.9	11.8	11.8	11.9
Pumpkin	19.9	20.7	21.5	20.7	ND	ND	ND	ND	ND	21.5	ND	21.5	19.4	ND	19.4	21.5	20.7	21.5	21.5
Raspberry	12.0	12.0	12.0	12.0	ND	12.0	ND	ND	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Ryegrass	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Safflower	28.9	29.9	30.2	29.9	ND	29.1	ND	ND	29.1	30.2	29.1	31.2	27.7	29.1	26.3	31.2	29.9	30.2	31.2
Seed Crop	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Sorghum/Milo	33.2	32.4	34.6	32.4	ND	35.5	ND	ND	35.5	34.6	35.5	33.7	32.3	35.5	29.2	33.7	32.4	34.6	33.7
Squash	19.9	20.7	21.5	20.7	ND	ND	ND	ND	ND	21.5	ND	21.5	19.4	ND	19.4	21.5	20.7	21.5	21.5
Strawberry	28.7	28.7	29.4	28.7	ND	29.4	ND	ND	29.4	29.4	29.4	29.5	28.0	29.4	26.7	29.5	28.7	29.4	29.5
Sudan Grass	28.4	28.7	29.4	28.7	ND	29.1	ND	ND	29.1	29.4	29.1	29.7	27.7	29.1	26.3	29.7	28.7	29.4	29.7
Sunflower	28.9	29.9	30.2	29.9	ND	29.1	ND	ND	29.1	30.2	29.1	31.2	29.6	29.1	30.1	31.2	29.9	30.2	31.2
Tomato - Fresh Market	27.0	27.1	27.9	27.1	ND	27.8	ND	ND	27.8	27.9	27.8	28.0	27.0	27.8	26.2	28.0	27.1	27.9	28.0
Tomato - Processing	27.0	27.1	27.9	27.1	ND	27.8	ND	ND	27.8	27.9	27.8	28.0	27.0	27.8	26.2	28.0	27.1	27.9	28.0

