

Sulfur cinquefoil

Potentilla recta L.



- Sulfur cinquefoil is a perennial from Eurasia growing 1 to 2 feet tall with single or several stems. Flowers are pale yellow with 5 heart-shaped petals. Flowering is from May to July with peak flowering in early summer
- Leaves are alternate and compound with 5 to 7 leaflets and a defined green under leaf. **Native cinquefoil leaves can also have a green under leaf but typically have a grey underside**
- Reproduces only from seeds that remain viable in soil for at least 3 years. Has a single taproot with many shallow spreading branch roots, but no rhizomes
- Plant growth is much more robust compared to the native Mountain cinquefoils

Negative Impacts

- Sulfur cinquefoil is unpalatable to grazing animals and wildlife
- Increases acidity in the surface of the soil that displaces native plants
- Plants have a long life span of at least 20 years
- Infestations reduce or eliminate wildlife use



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Chemical Control (always add non-ionic surfactant @ 1 oz for each 3 gallons of water) **Read Labels for safety info & to see if products are approved for your site or near desirable trees.**

Tordon (Picloram) Restricted use, do not use in seasonal flood plain, on porous soils or within 10 feet of branch end drip line of desirable trees

- 1 pint per acre
- Spot treatment: **0.75** oz per gal of water
- Treatment timing: Anytime during active growing season or to fall re-growth

Milestone (Aminopyralid) **Do Not Use Near Trees**

- 6 oz per acre
- Spot treatment: refer to spot application chart in product label
- Treatment timing: Pre-bud to early bloom growth

Escort xp (Metsulfuron)

- 1 to 2 ounces per acre
- Spot treatment: 1 gram per gallon of water (there are 28.3 grams in one ounce)
- Treatment timing: Anytime during active growing season or to fall re-growth

Mechanical Control: Hand pull or dig when soil is moist is effective on small infestations. Remove as much of the root system as possible since root fragments can produce new plants

Stopping flowering and seed production is critical for success. Mowing is not effective.

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