

Start Application: Approximate day and time, may change based on circumstances and weather conditions	SF City Dept.	Product Name
11/1/2024, Signage will be posted	Parks and Open Spaces	EZ-JECT: Copperhead Herbicide Shells
10/31/2024, Signage will be posted	Parks and Open Spaces	EZ-JECT: Copperhead Herbicide Shells
1/17/2025, Signage will be posted	Parks and Open Spaces	EZ-JECT: Copperhead Herbicide Shells

3/28/2025, time of spray determined by weather, likely before 7AM, Signage will be posted	Parks and Open Spaces	Agrisel Pendi Hydrocap (used as Pre-emergent) Avenger Organic weed Killer(Spot treatment Post-emer
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May 2025, before 10AM, Signage will be posted	Parks and Open Spaces	Avenger Organic weed Killer(Spot treatment Post-emer
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Active Ingredients	EPA Registration #	Address of Pesticide use
Imazapyr, as trunk injection	83220-2	1142 Siler Road, Building C
Imazapyr, as trunk injection	83220-2	205 Caja Del Rio Rd

Imazapyr, as trunk injection	83220-2	Cerrillos Road median between Siler and Richards Ave
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Pendimethalin	70506-230-72159	205 Caja Del Rio Rd.
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D-limonene	92967-1	205 Caja Del Rio Rd.
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Justification for use	Explanation of Efforts to Find Alternatives
Siberian Elm is an invasive species with a long history of difficult to control growth habits. The individuals being treated have grown into large epicormic masses that are not possible to remove with mechanical means. For future safety and maintenance issues they will be treated.	Efforts have been take to remove small individuals by hand and with a weed wrench, which works well, but is labor and financially intensive. Mechanical weeding removes upper foliage, but does not cause mortality on larger individuals, and creates uncontrolled epicormic growth.
The cotton wood trees near the MRC effluent pond pump house have been removed previously due to damaging the foundation. The adventitious and epicomic growth continues to be a problem. Chemical control will be used to reduce further financial and infrastructure damage.	These trees have previously been mechanically managed and many are too large and too close of proximity to the building to be removed with heavy equipment. Much of the growth is adventitious and is unable to be pulled out. Cottonwoods often sprout back from very small pieces left in the soil.
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Weed species become quite abundant beginning with germination in Spring. Mechanical efforts have now controlled Kochia, Russian Thistle and other weedy vegetation below a action thresholds. This affects parking availability, creates a persistant source of weed seed and unchecked contributes to the spread of non-native weeds.

Municipal Recreation Complex(MRC) staff mow, harrow drag and box scrape the parking lot several times yearly. The process becomes labor intensive and time consuming with limited staff. The IPM program manager will continue to help MRC staff to develop their vegetation management program in order to maintain action thresholds without herbicide use.

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Strategy to Prevent Future Exemptions

This species may never be controlled effectively with non chemical means, though targeting small individuals early on may reduce the massive stumps with epicormic growth.

In the Future, it will be attempted to solarize or stumpgrind trees that are removed. Ideally trees will be removed as small specimens when it is financially viable to control mechanically.

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The IPM program manager will continue to work with MRC staff to develop a vegetation IPM implementation plan in order to maintain action thresholds without herbicide use. Timing of mechanical treatments to target young and vulnerable weeds. Develop methods to increase management intensity without increasing time and labor.

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End Date of ALLOWED Pesticide Use

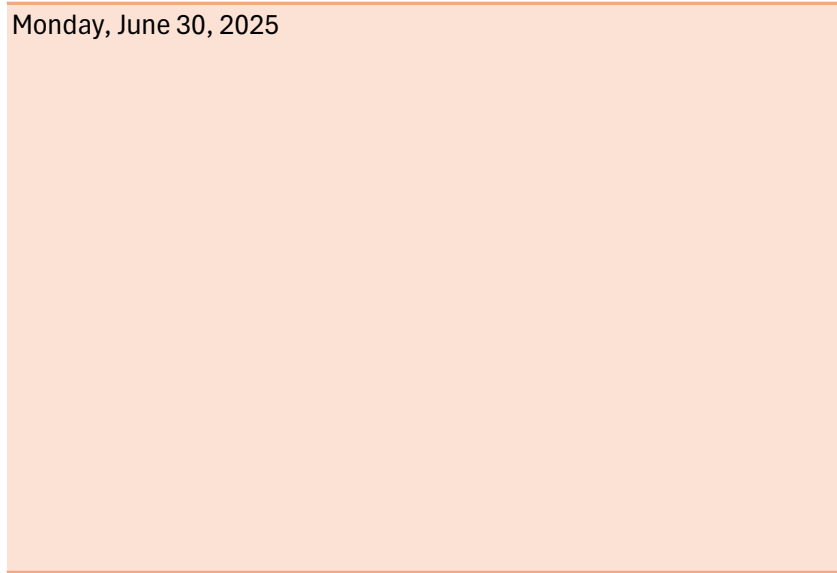
Tuesday, December 31, 2024

Tuesday, December 31, 2024

Wednesday, December 31, 2025

Friday, April 25, 2025 or germination of Spring perennial species such as Kochia or Russian thistle.

Monday, June 30, 2025



Hazard Tier	Limitations
Caution	Usage is limited to a trial bases on select city properties with applications involving invasive species or trees damaging intrastructure.
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For spot spraying of Puncture vine and other prostrate weeds, Russian thistle and any species listed on the "New Mexico Noxious weed list"

SFE Comments

This product explores the efficacy of application method as a means to limit exposure and reduce environmental and personnel risks.

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Preemergent herbicides are used before seed germination. This strategy is based on the previous years vegetation density. Goals are to minimize pesticide use during peak Spring and Summer patronage, target vulnerable weed stage at germination and to practice effective herbicide resistance management.

This product is an OMRI listed organic broadspectrum herbicide that used citrus derived D-limonene as an active ingredient. It will be used only if other nonchemical controls fail to maintain populations below action thresholds.

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