

# How to Propagate *Lithospermum californicum*



## Unearthing the Secrets: How to Propagate the Charming *Lithospermum californicum*

*Lithospermum californicum*, also known as the California Stoneseed or Catalina Gromwell, is a captivating plant native to the western United States. This charming perennial boasts clusters of vibrant, sky-blue flowers that add a splash of color to arid gardens and landscapes. If you're hoping to spread the beauty of *Lithospermum californicum* in your own garden, understanding its propagation methods is key. While considered a relatively slow-growing plant, successfully multiplying your *Lithospermum californicum* can be a rewarding experience.

Let's delve into the two most effective methods of propagating this stunning native plant:

### 1. Seed Propagation: Embracing the Cycle of Nature

Propagating *Lithospermum californicum* from seed offers a fulfilling way to connect with the plant's natural life cycle. Here's what you need to know:

- **Seed Collection:** Collect seeds from mature plants in late summer or early fall. Look for the small, hard, stone-like seeds within the fading flowers (hence the name "Stoneseed").
- **Seed Stratification: A Mimicry of Winter's Chill**

*Lithospermum californicum* seeds benefit from a period of cold stratification, mimicking the natural winter conditions they would experience in the wild. Here's how to do it:

1. Place the seeds in a moistened paper towel or within a seed starting mix.
  2. Seal them in a plastic bag or container.
  3. Store them in your refrigerator (around 35-40°F or 2-4°C) for 4-6 weeks.
- **Sowing the Seeds:** After stratification, sow the seeds in seed trays or pots filled with a well-draining seed starting mix. Lightly cover the seeds with a thin layer of soil and keep the soil consistently moist but not waterlogged.
  - **Patience is Key:** Germination can be slow and erratic, taking anywhere from a few weeks to a couple of months. Be patient and continue to provide consistent moisture and indirect light.

## 2. Propagation from Cuttings: A Shortcut to Success

Propagating from cuttings allows you to create a genetically identical plant, replicating the characteristics of the parent plant. Here's a step-by-step guide:

- **Timing is Everything:** The best time to take cuttings is in late spring or early summer when the plant is actively growing.

### ▪ **Taking the Cuttings:**

1. Choose healthy, non-flowering stems.
2. Using sharp, sterilized pruning shears or a knife, take cuttings that are about 3-4 inches (7-10 cm) long.
3. Remove the lower leaves from the cutting, leaving 2-3 pairs of leaves at the top.

▪ **Encouraging Root Development:** Dip the cut end of the stem in rooting hormone powder (optional but helpful). Plant the cuttings in a pot filled with a well-draining rooting mix, burying at least one node (where the leaves were removed) below the soil line.

▪ **Creating a Humid Environment:** To increase the chances of successful rooting, cover the pot with a clear plastic bag or a propagation dome to trap moisture. Place the pot in a bright location, out of direct sunlight.

▪ **Rooting Time:** Cuttings generally take several weeks to develop roots. Once you notice new growth, it's a good sign that rooting has been successful.

### **Nurturing Your New *Lithospermum californicum*:**

Whether you choose to propagate from seed or cuttings, once your new plants are established, provide them with well-draining soil and a location that receives full sun to part shade. Water them regularly during their first growing season to establish a strong root system.

Propagating *Lithospermum californicum* may require patience and attention to detail, but the rewards are well worth the effort. By successfully multiplying this beautiful and resilient plant, you'll contribute to its presence in gardens and contribute to the biodiversity of your local environment.