annual legume germinates in the autumn and grows through the winter with flowering starting in February or early March.

The flowering habit is indeterminate with flowering continuing until just before the plant matures and dies in May. The leaf is green (7.5 GY 4/4, Munsell Color Chart) and pubescent, with the underside being lighter in color. Leaves (three) are pinnate with the center leaflet having a longer petiolule than the two lateral leaflets. Margins of the leaflets are moderately serrated.

Devine has no leaf markings. The stem is pubescent and branched at most nodes. Devine seldom exceeds 20 to 25 cm in height unless it is growing in association with a taller plant that will help support its stems.

A seed yield from harvests with commercial machinery is 200 to 250 kg ha⁻¹. Seed production under grazing has not been documented but it will produce an abundance of seed even when herbage is removed (Muir et al., 2005). This high level of seed production combined with the hardseededness permits this plant to persist under grazing and erratic rainfall patterns of central Texas.

Disease and insect problems have not been observed under normal production practices, but we have observed powdery mildew [caused by *Erysiphe polygoni* DC], late in the season when total season growth is allowed to accumulate. Larval alfalfa weevil (*Hypera postica* Gyllenhal) will attack Devine, but this species is less affected than other annual medics (Muir et al., 2005).

Foundation seed of Devine is available to licensees and for research purposes from Texas Foundation Seed Services (a division of Texas Agric. Exp. Stn.), Vernon, TX. Devine will not be protected by Plant Variety Protection, and only Certified seed can be sold. Stand life on both Foundation and Certifiable fields are limited to 5 years. There is no Registered class of seed. An exclusive release of Devine marketing rights has been licensed to Pogue Agri Partners, Inc. Kenedy, TX. Two years after the date of release by the Texas Agricultural Experiment Station (2005), seed will also be available from the Missouri Agricultural Experiment Station.

References

Registration of ‘Laramie’ Annual Medic


‘Laramie’ (Reg. No. CV-274, PI 642951) is an annual medicago (*M. rigidula* (L.) All.) Tifton burclover cultivar developed and released in 2007 by the Wyoming Agricultural Experiment Station. Laramie is accession SA 10343 from the Annual Medicago Genetic Resource Center, Adelaide. It was released as a potential winter annual, self regenerating, pasture species for the Central High Plains. Laramie was evaluated in Wyoming under the designated WY-SA 10343. This line was chosen for release for several characteristics including winter hardiness (in southeastern Wyoming), production of abundant high quality spring forage, effective regeneration from the soil seed bank, and acceptance by species was as follows:

<table>
<thead>
<tr>
<th>Species</th>
<th>1995 Survival</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>M. sativa</em></td>
<td>50%</td>
</tr>
<tr>
<td><em>M. truncatula</em></td>
<td>30%</td>
</tr>
<tr>
<td><em>M. polymorpha</em></td>
<td>10%</td>
</tr>
<tr>
<td><em>M. rigidula</em></td>
<td>5%</td>
</tr>
</tbody>
</table>

*Laramie* is accession SA 10343 from the Annual Medicago Genetic Resource Center, Adelaide, and released in 2007 by the Wyoming Agricultural Experiment Station. Laramie was evaluated in Wyoming under the designated WY-SA 10343. This line was chosen for release for several characteristics including winter hardiness (in southeastern Wyoming), production of abundant high quality spring forage, effective regeneration from the soil seed bank, and acceptance by Pogue Agri Partners, Inc. Kenedy, TX. Twenty years after the date of release by the Texas Agricultural Experiment Station (2005), seed will also be available from the Missouri Agricultural Experiment Station.