



with specific rhizobia selected for use with the plant. Hoverson Germplasm has shown rapid emergence in most planting trials, and provides a cool season legume component to seed mixes.

Areas planted to Hoverson Germplasm should be deferred for 30 days to allow plants to become established. Established plants should be allowed to produce seed annually because in many areas with proper soil moisture deer pea vetch readily reseeds itself with minimal soil disturbance. As perennial cover increase on most sites deer pea vetch decreases without soil disturbance.

No severe insect or disease problems have been observed in deer pea vetch once established. Cold tolerance of this germplasm beyond the area of intended use is unknown.

### **Ecological Considerations**

There are no known environmental concerns with deer pea vetch.

### **Seed and Plant Production**

Seed increase plots have been managed by flat drill planting on 8" rows. It can also be grown from transplants planted in the late fall. Harvesting when 50% of the seed is ripe allows for some seed to shatter allowing stand to reseed itself for subsequent years of harvest.

Seed can be harvested using a combine with a grain header. This harvest method will result in both green and mature seed, as well as other high moisture material in the harvested product. Most of the green seed will mature, but care must be taken to insure adequate seed drying procedures are followed to prevent molding and heating of this mixture. Seed harvested with this method is best cleaned by hammer milling to release seed from un-opened pods, then screened using a Clipper seed cleaner.

Well managed seed fields of Hoverson Germplasm have produced 200 bulk pounds of clean seed per year. Purity of the seed is usually around 70% and germination rates average near 90%. Hoverson Germplasm typically has

50% dormant seed, however after scarification active germination is increased to 90%. It produces one seed crop per year when grown in south Texas.

### **Availability**

*For conservation use:* Initially seed will be produced exclusively by Douglass King Seed Company, San Antonio, TX and Pogue Seed Company, Kenedy, TX.

*For seed or plant increase:* Seed of the Hoverson Germplasm deer pea vetch will be identified by USDA NRCS accession number 9109630. First generation (G0) seed will be produced and maintained by South Texas Natives. Seed production fields have a 5 year production limit.

*For more information, contact:*  
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Website: <http://plant-materials.nrcs.usda.gov/stpmc/index.html>

### **Citation**

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For additional information about this and other plants, please contact your local USDA Service Center, NRCS field office, or Conservation District <<http://www.nrcs.usda.gov/>>, and visit the PLANTS Web site <<http://plants.usda.gov/>> or the Plant Materials Program Web site <<http://www.plant-materials.nrcs.usda.gov/>>

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