

# South Texas Natives Project

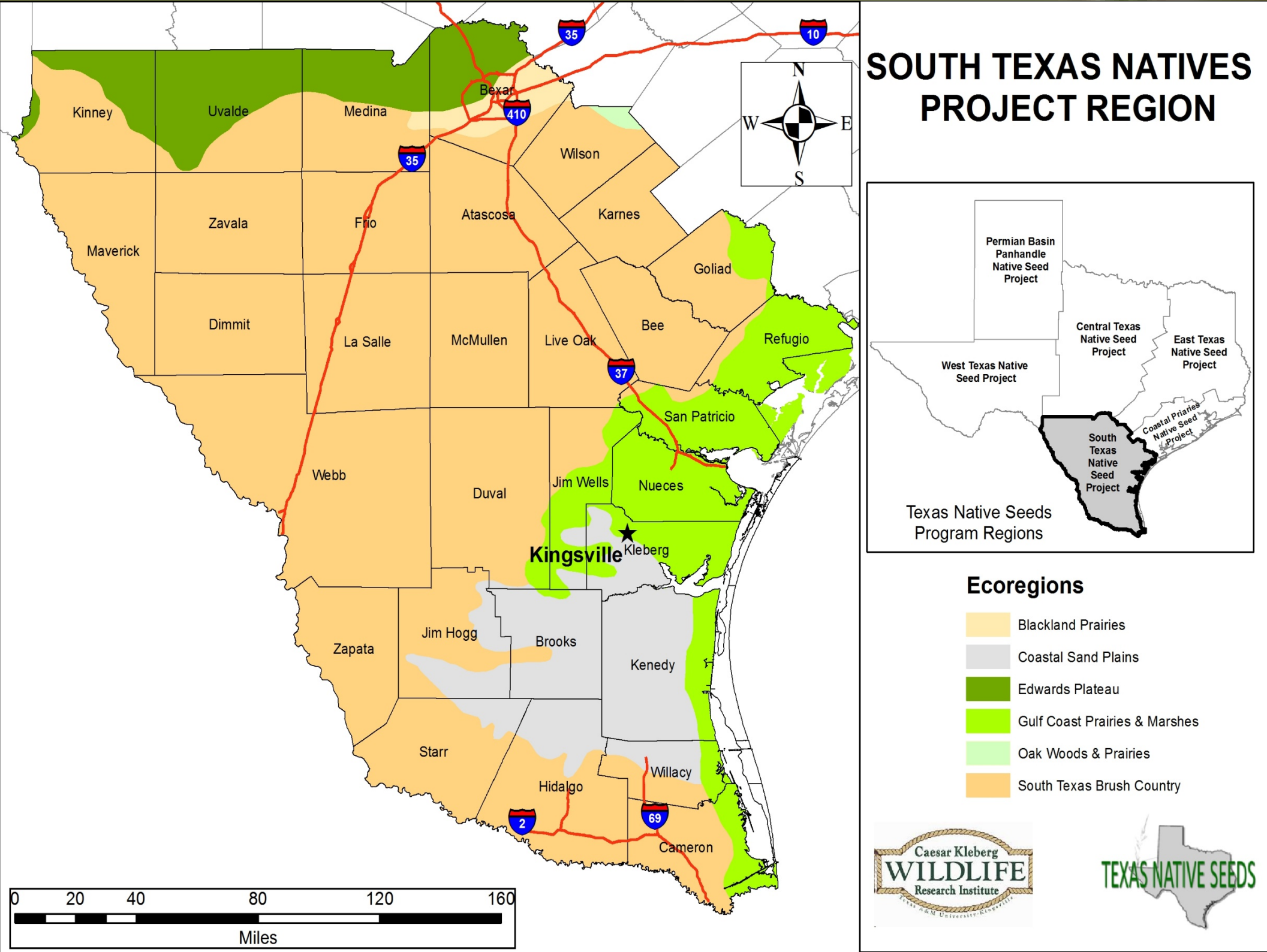
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The *South Texas Natives (STN)* project was initiated in 2001 with a mission to develop and promote native plants for restoration and reclamation of habitats on private and public lands in South Texas. The project was started in direct response to reclamation needs of new highway and energy infrastructure and the lack of ecotypic native seed supply for use in the region. For the last 20 years, *STN* has been a leading force in ecotypic seed source development for South Texas, as well as conducting applied research to determine the best practices to ensure successful restoration when using native seeds. STN has released over 35 native germplasms and has conducted over 50 research and demonstration plantings across South Texas. *South Texas Natives* is now part of a larger program, *Texas Natives Seeds* which is operated by the Caesar Kleberg Wildlife Research Institute at Texas A&M University-Kingsville, and serves similar needs throughout Texas.

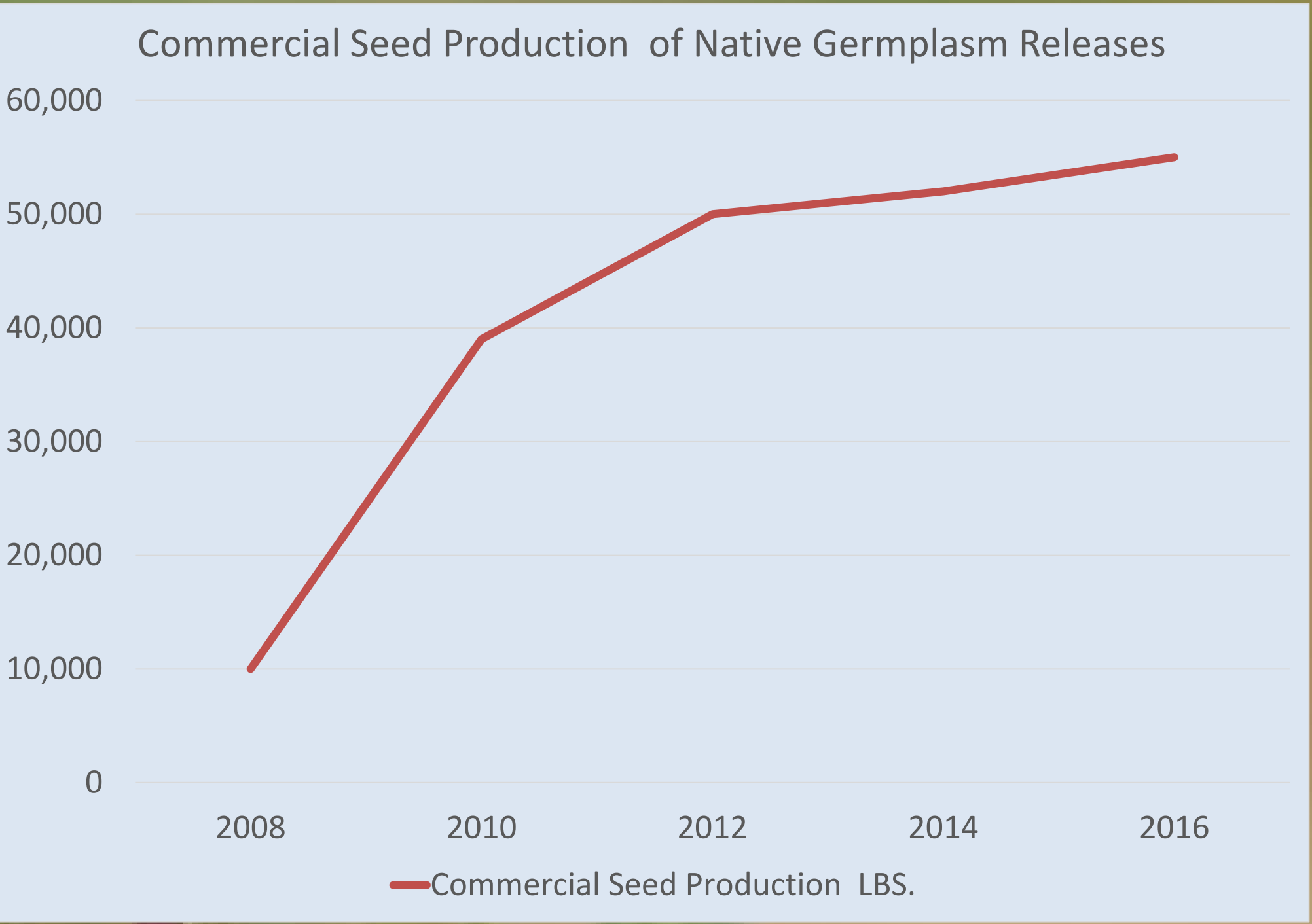
- Objectives:**
- **Develop Ecotypic Seed Sources for South Texas.**
  - **Conduct applied research using developed ecotypic seed sources to develop best management practices for restoration and reclamation plantings.**
  - **Promote native plant restoration and reclamation within the South Texas Region.**



- Collection, Evaluation and Release:**
- **Collection:** collect seed from native stands.
  - **Evaluation:** multiple populations of a species are planted at sites around the region and are ranked on various performance traits.
  - **Release:** several of the better performing populations of a species are selected and grown in isolation to produce seed to be used in commercial production, formal releases are also compiled and submitted to the USDA, NRCS.



Transplant evaluation plot



Plant Release	Year released	Year commercially available
Falfurrias Germplasm Big sacaton	1999	2009
Kinney Germplasm False Rhodesgrass	1999	2007
Lavaca Germplasm Canada wildrye	2000	2014
Mariah Germplasm hooded windmillgrass	2006	2007
Welder Germplasm shortspike windmillgrass	2006	2007
Atascosa Germplasm Texas Grama	2007	2010
Catarina Bristlegrass blend	2007	2009
Chaparral Germplasm hairy grama	2007	2010
Dilley Germplasm slender grama	2007	2010
La Salle Germplasm Arizona cottontop	2007	2008
Goliad Germplasm orange zexmenia	2008	2015
Diviot Tallow weed blend	2009	2010
Zapata Germplasm Rio Grande clammyweed	2009	2013
Maverick Germplasm pink pappusgrass	2010	2011
Webb Germplasm whiplash pappusgrass	2010	2011
Hildago Germplasm Multiflowered False Rhodesgrass	2011	2012
Oso Germplasm halls panicum	2011	2012
Hoverson Germplasm deer pea vetch	2012	2013
Rio Grande Germplasm prairie acacia	2012	2017
South Texas Germplasm sideoats grama	2012	2013
Balli Germplasm prostrate bundleflower	2013	2015
Venado Germplasm awnless bushsunflower	2013	2014
Ramadero Germplasm spike lovegrass	2015	2016
STN 176 Little bluestem	2015	2017
STN 461 Little bluestem	2015	2017
Duval Germplasm red lovegrass	2016	2017
Nueces Germplasm sand dropseed	2016	2016
Guadalupe Germplasm white tridens	2018	2018
Cibilo Germplasm little barley	2019	2020
Menard Germplasm threeawn	2019	2020
Wilson Germplasm Indian grass	2019	2020
Kenedy Germplasm big bluestem	2019	2020

For more information <http://www.ckwri.tamuk.edu/research-programs/south-texas-natives/>

Funding for this project was provided by:  
Texas Department of Transportation  
Bass Foundation  
Joan and Herb C. Kelleher Foundation  
Robert J. Kleberg, Jr. and Helen C. Kleberg Foundation  
USDA NRCS E. "Kika" de la Garza Plant Materials Center

And numerous other donors to *South Texas Natives* and the Caesar Kleberg Wildlife Research Institute

**Commercial Seed Production:**  
*Ensuring seed releases are commercially grown is vital to promoting the use of ecotypic seed. It's almost impossible to promote the use of something that is not available to the end user.*



Commercial Seed Field of South Texas Germplasm sideoats grama

- Applied Research Plantings:**
- **Research Plantings provide our project personnel performance of methods and material in real world situations, allowing development of best management practices, as well as refining release use recommendations.**
  - **These research plantings also server a great proof of concept field day locations used for promoting the use of ecotypic seed releases for use.**



Research Plantings

