Storage Information Form
USDA, ARS
Plant Genetic Resources Conservation Unit
Griffin, Georgia

☑ Submitted to *Journal of Plant Registration*

☐ Cultivar ☐ Parental Line ☑ Genetic Stock

☐ Germplasm ☐ Mapping Population ☐ Differential Host Set

Name of Donor or Contact Person

Zhanguo Xin

Phone No. / Email

(806)-749-5560

Institution or Company

USDA-ARS

Address

3810 4th Street

The policy of the National Plant Germplasm System (NPGS) is that all non-restricted material deposited in the NPGS will be freely distributed to scientists for research purposes. For all material registered in Journal of Plant Registration, the donor is expected to maintain and distribute seed for a minimum of five years following registration after which time unrestricted material will be entered into the NPGS for public distribution. For PVP, Utility Patent or other restricted use crop material being registered in Journal of Plant Registration, the material is deposited in NCGRP but the owner is responsible for maintenance and distribution throughout the duration of the restriction unless different arrangements are made with the NPGS.

Submitted material will be released into the NPGS (check one box)

◉ Immediately upon receipt. After Processing, NPGS will distribute the material publicly to any qualified person globally who requests this material. To facilitate distribution of Journal of Plant Registration samples received from foreign countries, permission will be sought from the owner for distribution by the NPGS after quarantine requirements are met.

○ After five years. For material of US origin registered in Journal of Plant Registration the donor agrees to maintain and distribute the seed for a minimum of five years.

○ After some other designated period. For material covered by PVP or a patent, or for non-PVP or non-patented material where the owner desires restricted access (not to exceed 20 years), the owner agrees to maintain and distribute the material throughout the duration of the restriction unless different arrangements are made with the NPGS. If this box is checked, the owner must identify a date (or indicate that the restriction is tied to expiry of PVP or patent) when material is to become available for unrestricted public distribution by the NPGS.

The owner's institutional legal signature on this Storage Information Form (SIF) authorizes the NPGS to distribute from the original sample after the expiry date of restriction noted below. Distribution will be done under the prevailing NPGS policy.

Date of release to unrestricted public distribution by the NPGS (not to exceed 20 years) If left blank, the date of release will be 5 years after date of publication

Authorized Institutional Legal Signature (required) and Date

ZHANGUO XIN Digitally signed by ZHANGUO XIN Date: 2022.11.07 20:20:10 -06'00'

Official Title of Authorized Signatory

Research Molecular Biologist

Reset Page

Nomenclature

Genus Sorghum Species bicolor Sub-species

Common Name Sorghum

Variety / Cultivar Name and/or designation number Mutant population

PI Number (if previously assigned)

Other Identifiers (For Mapping Population, provide a list of identifiers for mapping lines and parents)

Seed Requirements (Untreated Seed Required)

Difficult Genetic Stocks (those where seeds are difficult to grow, maintain or analyze) 50 - 1,000 seeds

Percent Germination determined by Donor >80%

Date harvested 10/15/21

Date of Test 9/30/22

Seed provided to NPGS active collection? YES (●) NO ( )

Date Provided 11/1/22

Amount Provided 1000

Seed provided to NCGRP (Ft. Collins, CO)? YES ( ) NO (●)

Date Provided

Amount Provided

Restrictions

PVP Applied for or Granted? YES ( ) NO (●)

PVP Number

Utility Patent Applied for, Granted, or incorporated? YES ( ) NO (●)

UP Number

Plant Patent Applied for or Granted? YES ( ) NO (●)

PP Number

Reset Page

Restricted use materials: describe condition(s) for access and distribution (Material Transfer Agreement, Research Agreement, License & Sales Agreement, etc.) and additional contact information if different than above:

No restriction

Life Form

Annual

Level Of Improvement

Genetic Material

Reproductive Uniformity

Mixture

Form Received

Seed

Descriptive Information

In order for each entry to be properly identified, donors are asked to prepare a narrative and pedigree of each entry. Key features in the narrative might include agronomically important traits such as maturity, plant height (metric terms or dwarf, semi-dwarf, etc.), seed characteristics (size, oil content, milling quality, type, etc.), nutritive value, tolerance to diseases, insects, nematodes, cold, lodging, and others. Identify transgenes and the traits that they govern. Give the scientific names of pest organisms. Avoid comparisons with other cultivars or lines unless these are part of the parentage, or unless the comparisons are important for rating disease and insect resistance levels. Accessions deposited in the NPGS will be documented in the GRIN-Global database, except for mapping populations.

Pedigree

Accession

Pedigree Description

BTx623 M4

Narrative

All seeds are M4 seed pools derived from the inbred line BTx623 mutated by ethyl methane sulfonate. Each seed pool consists of M4 seeds bulked from 20 M3 plants.

Attn: Tiffany Fields / Seed Storage Manager
UGA-USDA Seed Processing Building 4484
255 Stuckey Drive
Griffin, GA 30223

Reset Page