

OPAL+DT

**MOJO
SEED**

Plant The Power!



OPAL+DT Technical Specs:

• Intended Use:	Silage
• Maturity Classification:	Medium (approx. 90 days to chop)
• Mid Bloom:	60-67 days
• Plant Height:	65-79 inches
• Grain Color:	White
• Plant Color:	Tan
• Pre-Flowering Drought Tolerance:	Very good
• Post Flowering Drought Tolerance:	Very good
• Seedling Emergence Vigor:	Excellent
• Seedling Growth Vigor:	<u>Excellent</u>
• Standability:	Excellent
• Plant Canopy Cover:	Excellent
• Foliar Disease Tolerance:	Excellent
• Grain Size at Soft Dough:	Large
• White Sugarcane Aphid Tolerance	<u>Excellent</u>
• Grain Protein Levels:	
○ Initial Year (2022): (11.7%)	11.70%
○ Grain sorghum standard	10.53%
○ OPAL+DT Advantage:	+11.1%
• Recommended Final Population:	
○ Irrigated:	
○ 30" row spacing	70-85,000 ppa
○ 6-7.5" row spacing	85-100,000 ppa
○ Limited Irrigation:	
○ 30" row spacing	45-55,000 ppa
○ 6-7.5" row spacing	55-75,000 ppa

MOJO SEED

The power is in the seed!

OPAL+DT SORGHUM SILAGE

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The newest addition for 2023 in Limited Quantity to the MOJO lineup of Quality Value Added Forage!


OPAL+DT was developed to compliment PEARL which is the hybrid of choice for High quality Aphid Tolerant Sorghum silage. It will continue the heritage of the initial MOJO hybrid released OPAL with large higher protein grain, high quality silage, and improved starch utilization in the silage. The overall silage quality, starch, and energy are at levels in **OPAL+DT** that you have grown to expect from MOJO silage products, but in a slightly earlier maturity class than PEARL. The large grain size continues to provide improved kernel processing, helping to improve utilization of the starch and energy at optimum levels as you have come to expect from MOJO silage hybrids.

OPAL+DT has been developed with the same stacked traits for both strong non preference and a high level of genetic tolerance to White Sugarcane Aphids that PEARL has. While it is still necessary to monitor fields for populations, this level of tolerance in **OPAL+DT** will help to eliminate or reduce insecticide applications to your silage crop.

OPAL+DT also incorporates the  herbicide resistance trait for use with ADAMA's **FirstAct™** herbicide allowing Post emergence control of over 30 listed grassy weeds.

2022 was the initial launch of OPAL+DT. The results were excellent with very good control of grasses from the Post-emergence application of FirstAct™ herbicide and the hybrid had very good yield results of high-quality silage as you have come to expect from MOJO genetics.

Yield performance, earlier maturity, superior silage quality, excellent Sugarcane aphid tolerance,  post-emergence grass herbicide trait, and overall hybrid performance was excellent in the limited trials.

- Improved seedling vigor for fast crop establishment.
- Improved level of genetic tolerance to White Sugarcane Aphids  herbicide resistance trait for use with ADAMA's FirstAct™ Post emergence Grass herbicide.
- High yields of large kernels to allow more efficient kernel processing, grain with enhanced protein content, and better starch utilization
- Food grade grain and tan plant color

SEED TREATMENTS:

All SEED OF OPAL+DT and PEARL WILL HAVE AN ELITE SEED TREATMENT PACKAGE APPLIED.

1. **Seed Safener** to protect sorghum from the phytotoxic effects of S-metolachlor herbicide.
2. **Seed Treatment Fungicide** which controls certain soilborne and seedborne diseases of crop plants.
3. **Seed Treatment Insecticide** to help in the control of stored grain insects and soil insects.
4. **Systemic Seed Applied Insecticide** will be available on PEARL.