

Jobelyn™ is produced from a unique variety of *Sorghum bicolor*, recently domesticated from a West African wild variety, representing original genetic makeup and not a result of intense breeding efforts. **Jobelyn™** is an extract derived specifically from the intensely colored leaf sheathes.

Sorghum bicolor is a species of grass, traditionally cultivated for its nutritious grain. Sorghum is now grown in many tropical and subtropical regions of the world, and is gaining increased popularity as a non-gluten grain. Historical uses of Sorghum include food, hot teas, beers, and traditional medicinal extracts.

Health benefits include:

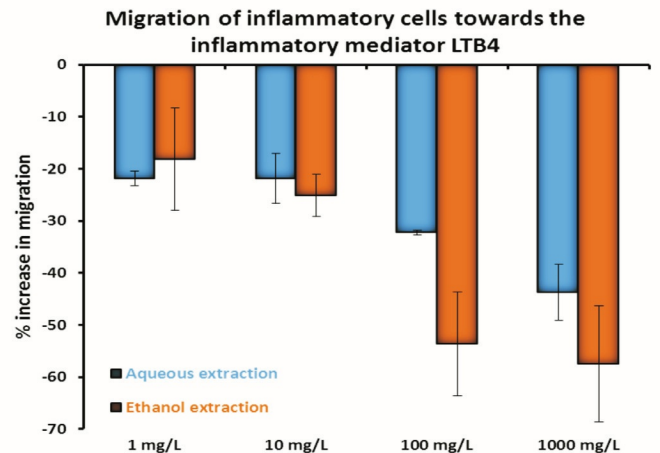
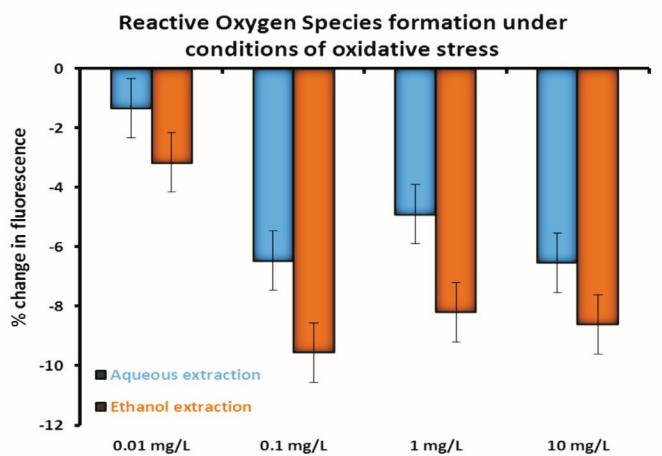
- Multi-faceted anti-inflammatory properties
- Immune activation
- Hematopoietic effects
- Pain reduction

Jobelyn™ is GRAS-certified by the FDA. **Jobelyn™** has an unusual chemical profile compared to other variants of *Sorghum bicolor*. It has a very high content of unique antioxidant polyphenols, including unique dimeric 3-deoxyanthocyanidins. These compounds contribute to the chemical and biological antioxidant effects.

Chronic inflammatory conditions underlie many aspects of declining physical and mental health. Comprehensive anti-inflammatory nutritional strategies are increasingly gaining attention for health management.

Inflammation involves multiple pathways, including:

- Production of damaging free radicals
- Infiltration of inflammatory cells into target tissues
- Up-regulation of inflammatory enzymes, such as COX-2



Jobelyn™ was evaluated in laboratory tests involving separate mechanisms of action. **Jobelyn™** contains a complex array of compounds with different chemical properties that inhibit free radical production, reduce infiltration of inflammatory cells, and inhibit COX-2 enzymatic activity. This suggests a multi-faceted anti-inflammatory capacity of **Jobelyn™**.