

TECHNICAL DATA SHEET

ETIGRAN

Granulated Borax Pentahydrate (Na₂B₄O₇·5H₂O)

Product Description: **Etigran** is a white, odorless granular product for agricultural usage. Etigran is produced by granulating Borax Pentahydrate. It is mildly alkaline in nature. Its excellent slow-release property compared to its precursor, Borax Pentahydrate, makes it uniquely versatile as a micronutrient for various soil applications.

Packaging: **Etigran** is available in 22.7 kg (50lb) and 25 kg (55lb) plastic bags, and also in 1000 kg (2200lb) bulk bag packaging.

Chemical Specification

Component	Unit	Content	Method of Analysis
B ₂ O ₃	%	48.00 min.	Volumetric/Titration
Boron	%	14.88% min	Stoichiometry/Calculation

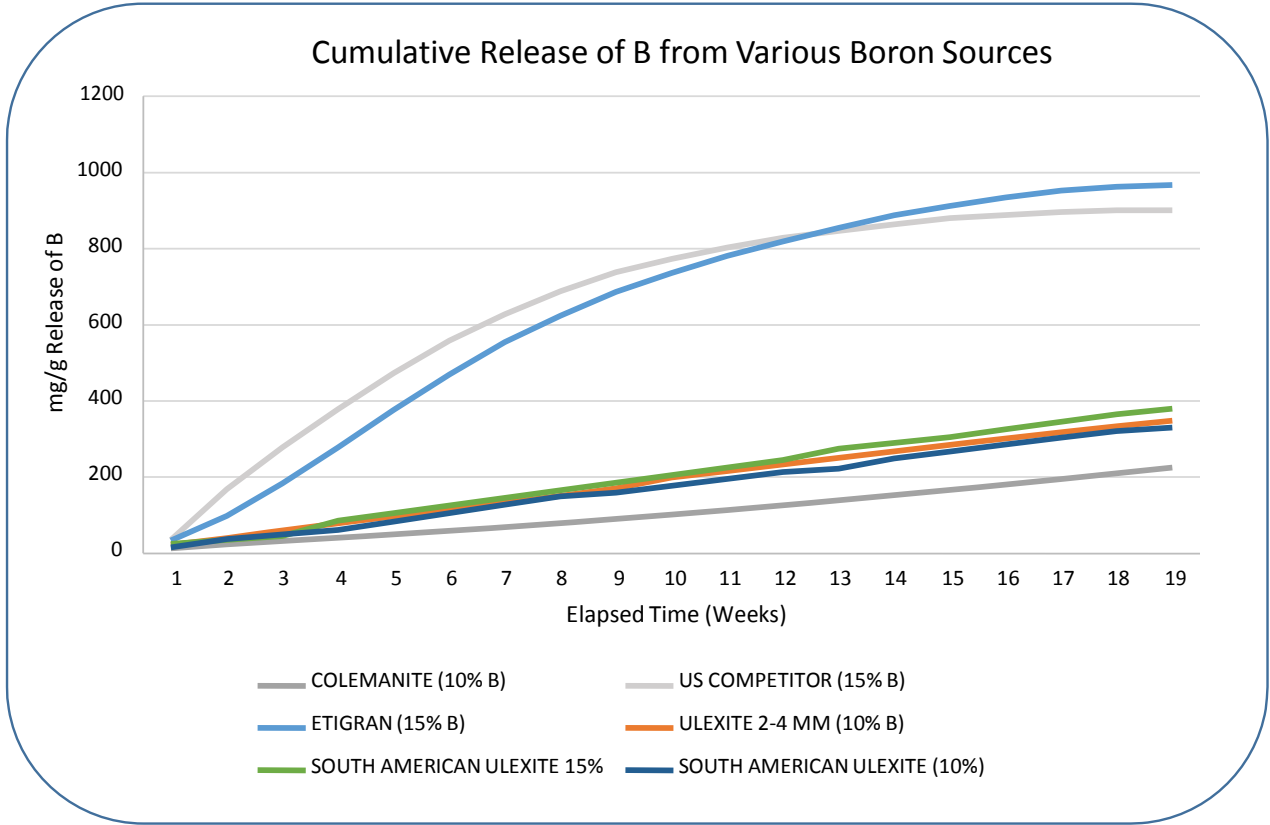
Particle Size Specification

US Mesh	Size	Quantity	Method
Retention on (+)4	+4.76 mm	4% max	Ro-Tap Sieve Analysis
Through (-) 10	-2.00 mm	6% max	

Physical Properties

Appearance	White Granules
Bulk	55-60 lb/ft ³
Water Solubility	20°C: 3.7g per 100g of water 50°C: 13g per 100g of water

Shelf Life: Provided proper storage conditions, product has no specified shelf-life and will not degrade. Product must be stored inside, away from moisture. We recommend keeping inventory on a first-in first-out basis to prevent accumulation of moisture from humidity.



Third party test results have indicated that Etigran shows improved performance and boron release over a 5 month period as compared to competitive products. Etigran has a higher boron content and is slightly less soluble, so it is not as vulnerable to being washed away by rain/moisture.