



Crystal Green
Synchro™ 50

The next generation of phosphate fertilizer just took another step.

Crystal Green Synchro™ 50 is a fully homogeneous sustainable struvite-based granular fertilizer with an analysis of 8-40-0-5.0Mg. There's no need to blend Crystal Green and MAP. Crystal Green Synchro 50 is like blending a 50/50 ratio of Crystal Green and MAP, but instead of a blended fertilizer, it's a fully homogeneous granular fertilizer. Each granule will contain the same analysis for uniform blending and field application. This unique combination provides upfront phosphorous availability as well as season-long phosphorous to maximize return on investment. That's not just good economics, it's sustainable and innovative agronomics.

What is Crystal Green Synchro™ 50

The best of both worlds.

Crystal Green Synchro 50 is the latest struvite-based fertilizer to provide nutrients in a powerful, Root-Activated™ granule to deliver access to fertilizer upfront and throughout the season for increased efficiency and profitability.

Crystal Green Synchro 50 performs differently than any other phosphate fertilizer. Crystal Green Synchro 50's slow-release portion is activated naturally by organic acids from growing roots.

Responding to plant demand means improved nutrient efficiency, reduced nutrient loss, and the potential for greater yield, uniformity of growth, and quality.

Size	SGN 300
Uniformity Index	50%
Bulk Density	55 lbs/cu ft



ROOT-ACTIVATED™
TECHNOLOGY



REDUCED NUTRIENT
LOSS, TIE UP,
AND RUNOFF



IMPROVED
EFFICIENCY



With 40% total phosphate, from both Crystal Green's Root-Activated™ technology and MAP, roots have access to critical nutrients quickly and efficiently throughout the growing season.

How it Works

Unique Root-Activated™ Technology

Crystal Green Synchro 50 is the first and only phosphate fertilizer to combine the rapid availability of MAP with continuous release utilizing Root-Activated™ nutrient technology of Crystal Green. Nutrients are available from the start of the season and continuously released in response to weak organic acids, such as those produced by growing roots, and soil microbes. Crystal Green Synchro 50's unique dual mode of action delivers plant-available phosphorous immediately for early plant development and continues to meet demand when the plant needs it most, putting your crops in control of their phosphate needs.

Crystal Green Synchro™ 50 is a fit for you if:

- ✓ You farm where phosphorus tie-up, leaching or run-off is an issue.
- ✓ Increased seed safety is critical.
- ✓ You seed place, apply in furrow, or band phosphate. Crystal Green and Crystal Green Synchro 50 perform best when applied in the root zone.
- ✓ Environmental pressures around traditional phosphorus use are a concern.
- ✓ Having a manufactured, ready-to-use, fertilizer creates value over blending.

