2026 Phosphorus Strategy

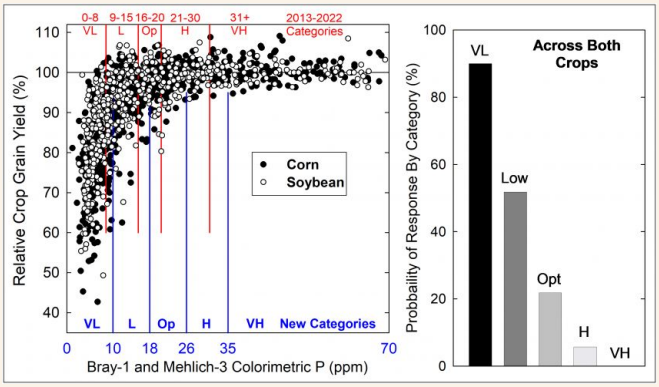
Using SOURCE+BLUEPRINT to Optimize your Phosphorus Budget

ROI Challenges of Synthetic Phosphorus

Most Midwest soils have substantial phosphorus reserves from years of fertilizer/manure applications. The challenge isn't total P—it's getting enough into the crop each season.

Many growers think they need to apply the removal rate each year. That's roughly 0.37 lb P205/bu or roughly 75 lb for a 200 bu crop. However, with the price of P compared to a bushel of corn at an all time high, it's important to consider:

- Only 10-30% of that P becomes available the year it's applied. Most is tied up 30-60 days after application.
- If their soil tests are already above 20 ppm P1 Bray or 26 ppm Mehlich 3, the chance of a yield response is only 5%!



5% chance of a yield response from applied P if soil tests are above optimal

Source: Iowa State

A Smarter Phosphorus Strategy

Most growers have P levels well above optimal and should consider options to get more available P versus adding more. Savings from a 25 unit replacement

	$/Ton	$/lb	75 lb	50 lb	$ Saved
MAP	$800 $900	$0.77 $0.87	$57 $65	$38 $43	**$19 $22**
DAP	$750 $850	$0.82 $0.92	$61 $69	$41 $46	**$20 $23**

The SOURCE + BLUEPRINT Effect

24% Increase in available phosphorus

BLUEPRINT helps the crop to reach more P + SOURCE activates P solubilizers that unlock tied up P

If you're looking to optimize your phosphorus budget this year but are worried it may impact yield, add SOURCE and BLUEPRINT to your plan to ensure your crop has available phosphorus all season long.

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