



WHAT IS IN IT?

SYNER-Cal originates from cement kiln dust (CKD)
Calcium: >30% (660 lbs/mt), silicon: 25% (550 lbs/mt), magnesium: 1.37% (29 lbs/mt), sulfur: 1.0%, potassium: 0.4%, phosphorus: 0.5%, and small amounts of boron, zinc, manganese, copper, and iron. Coated with a proprietary wetting agent.

Application rate: Furrow or Sideband
Options

In Furrow: 10-20 lbs/ac

Mid Row: 40-70 lbs/acre

**We don't recommend cutting your fertilizer.
Stick with your current nutrient program.**

SYNER-Cal

WHAT IS IT?

SYNER-Cal is a prilled liming agent for localized treatment that targets the fertilizer band. Allowing for low application rates to improve localized acidity, calcium balance, and nutrient availability where roots are actively feeding. This is a great start to your liming program, or an excellent way to maintain your lime application.

WHEN TO USE IT?

- Low soil pH (pH <6.5)
- Low calcium in soil (Ca saturation <60%)
- Low fertilizer use efficiency and crop yield
- Calcium program maintenance

WHAT TO EXPECT?



Solve localized soil acidity problem

Our lime helps neutralizing excess acidity by increasing pH, and reducing aluminum toxicity risk



Biggest calcium booster in soil

SYNER-Cal has high calcium content, which is essential element that found to be low in most agriculture soils in Alberta and Saskatchewan



Enhance soil & plant health

Enhances microbial communities and diversity & Reduces risks of certain diseases such as Clubroot and Aphanomyces. Improves soil physical properties (e.g., aggregation, aeration)



Increase nutrient use efficiency

Enhances nutrient use efficiency resulting in reduced % of fertilizer wasted and increased crop yield

"Our team of sales agronomists assists farmers in implementing changes on their farms to overcome productivity and soil fertility issues."

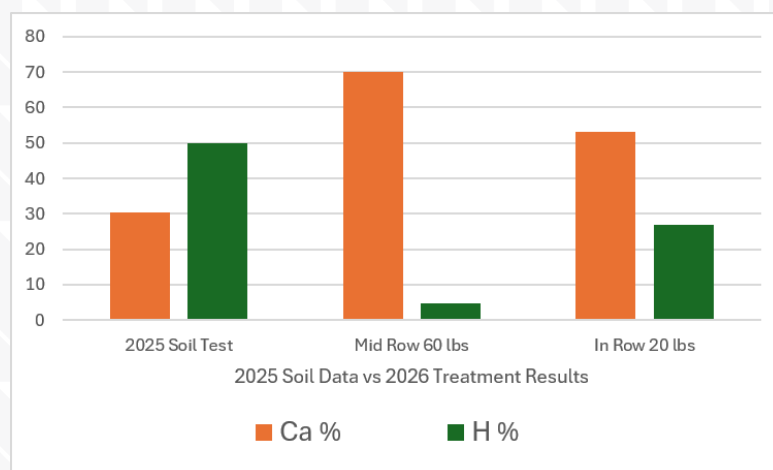
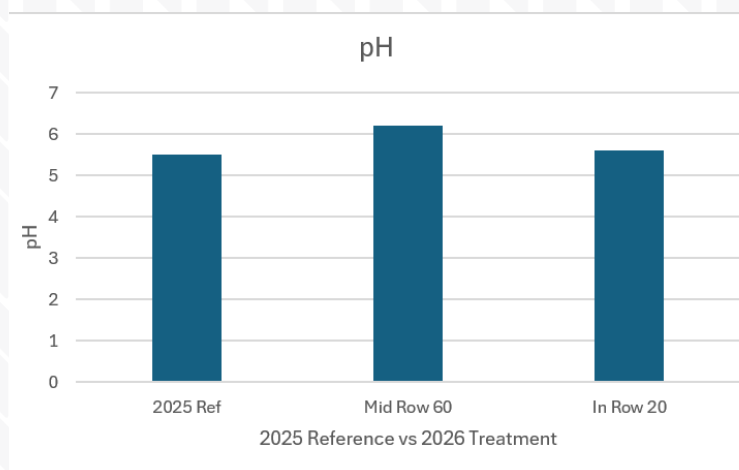
What the data says:

Tissue Test Results

Nutrient	A&L Normal Crop 75 Leaf	Canola Council Whole Plant Flowering	2026 Mid Row Applied @ 60 lbs	2026 In Row Applied @ 20 lbs
N	3.99-6.00%	>2.4%	4.29	5.53 %
P	0.27-0.60%	>0.24%	0.41 %	0.50 %
K	2.79-5.10%	>1.4%	1.72 %	2.00 %
S	0.59-0.90%	>0.24%	0.95 %	1.01 %
Ca	1.39-3.00%	>0.49%	3.04 %	3.22 %
Mg	0.24-0.82%	>0.19%	0.38 %	0.47 %
B	29-60 ppm	>29 ppm	55.8 ppm	82.76 ppm
Zn	24-70 ppm	>14 ppm	23 ppm	28 ppm
Mn	29-250 ppm	>14 ppm	75 ppm	92 ppm
Fe	49-250 ppm	>19 ppm	103 ppm	85 ppm
Cu	4-25 ppm	>2.6 ppm	3.29 ppm	3.77 ppm

Calcium and sulfur showed strong tissue response in both treatment options with an improved macro and micro nutrient uptake.

Soil Test Results



Soil tests demonstrated increased calcium, reduced hydrogen pressure, improved exchange balance, lower sodium and lower aluminum concentrations.

Contact Us

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