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## Banded + In-Furrow Fertility Gives the Best Return on Investment

Research done in Oregon by Nachurs Alpine showed that a banded application of a reduced rate of 10-34-0 plus an added in-furrow starter of phosphorus and potassium returned significant yield increase over a higher rate of banded 10-34-0 alone.

According to Tommy Roach, VP-Product Development & Technical Services at Nachurs Alpine said that by simply readjusting the rates and application method of fertilizer makes a big difference, one he calls the ‘relay affect’. Potato crops are notoriously bad at utilizing phosphorus, so it’s critical to have it available when the plant needs it – and applying it right on the seed piece.

He says the reason more potato farmers don’t try different fertilizer applications on the seed is because they often have to leave a tank for fungicide application.

With Vive Crop Protection products, that is no longer an issue. Vive products mix perfectly with fertility products and micronutrients applied in-furrow, leaving a tank free for experimenting with other fertilizer products.

For example, AZteroid FC 3.3 is an azoxystrobin fungicide from Vive that contains the Allosperse Delivery System, allowing it to be mixed and applied with liquid fertilizer. A potato grower could apply AZteroid FC 3.3 (azoxystrobin), Midac FC (imidacloprid), Bifender FC (bifenthrin) and Xyler FC (metalaxyl) all in the same tank as in-furrow fertilizer. That application will start your potato crop off with excellent nutrition and protection from disease and insects and increasing plant health.

Applying Vive products in-furrow provides a higher rate of active ingredient for longer control than a seed piece treatment, without using an extra tank. And best of all, you won’t have the hassle of plugged nozzles and screens so your planting operation will be smoother and you won’t need extra water or compatibility agents to make products mix.

That all adds up to less time, labor and frustration while increasing your operation’s efficiency.

For more information, visit <https://pages.vivecrop.com/potato/?source=media>

2019-20 Third Party Russet (cv. Umatilla) Potato Trial Summary – Oregon St. Univ.  
Effect of fertility placement on tuber yield and phosphorus use efficiency

