



10 Reasons Why “LFB Solutions” should be on Your Farm this Year!!!

- 1) Yield:** In hundreds of tests over the last 16 years – LFB Solutions has been developed, tested, and redeveloped to give the best yielding “seed-placed” fertilizer available in the marketplace. LFB Solutions assures year-in year-out, that your crop will get off to the best start every time. Because of the special package of micronutrients contained in the LFB Solutions product, you can be assured that even with adverse weather starts in the spring your crop will finish with lower moisture and higher yields.
- 2) Yield Trials:** In those hundreds of tests, at least 75% of the “seed-placed” starters yielded no better than using “no starter” at all!! So even though some “seed-placed” starters have shown very positive results over the years, most were designed as “me too” products. Many of those companies have never conducted yield trials to test their products. They designed their product to fit a particular model, and that’s what you get. At LFB Solutions “**we put it through the planter.** They read about it in a book somewhere”.
- 3) Low Salt:** Many companies think that just because their products are “low salt”, that makes the product safe to put in contact with the seed. For two years I tried to convince a manager of a fertilizer plant that what I was selling was considerably safer than was the product he was selling.

After two years he agreed to a “safety plot”. We deliberately used low and high rates of the products on the seed. We wanted to “kill” some corn to see where the two products separated from a safety standpoint. By the time we got the rate per acre to 4 gallons/acre on the seed, his was causing visible damage to the corn seedling. At 8 gallons his was wiping out the stand. We had dropped approximately 30,000 seeds, and his at 8 gallons only had about 9,000 plants at harvest. Meanwhile at 15 gallons on the seed, mine had approximately 24,000 plants. **Salt**, although an important consideration, isn’t the only consideration! LFB Solutions has done 16 years of these trials.
- 4) Nitrogen Makeup:** The nitrogen makeup of the “seed-placed” product oftentimes has more to do with seed safety than does the “salt” content. That’s why a good 6-24-6 product is usually safer than is a 9-18-9, 8-19-3, or 9-18-3 product. In order to get the higher nitrogen number those products need to use “**UREA**”. Urea is very unsafe in contact with the seed. That’s why Universities have for years cautioned against the use of Urea in a “seed-placed” fertilizer product.

Urea can cause enough damage to seedlings just by broadcasting it on lighter soils. Urea has been enough of a problem over the years that Purdue University had on their website, a few years ago, an article about the problem. The problem is: “**UREA Hydrolysis**”.

Simply, it is the combining of Urea and water to create an extreme pH zone in the area of contact with the water and urea (Free Ammonia). It can cause death of the corn seedling. If that can happen with broadcast urea, why would anyone want that to happen by putting the urea right with the seed to begin with? At LFB Solutions we see this in our plots with the competition every 2-3 years.
- 5) Micronutrients:** As our yields get constantly higher, the need for adequate nutrients also gets higher. We have normally done an excellent job with the major elements (NPK), but more attention should be paid to some of the minor elements.

No matter what your soil tests report to be available in the soil, until the soil warms up, those are not available to the growing crop. Cattle growers have often encountered this issue with their animals in the spring. Magnesium doesn’t become available quickly in the spring; their animals eat the grass, and die. because they didn’t have enough magnesium in the feed!

At LFB Solutions we assume everything is short at planting time. Remember the 16 years of research plots? We use a combination of micronutrients to assure the crop will get off to the best start possible every time.

- 6) **Yield:** 5 gallons/acre of LFB Solutions 6-24-6 TMP placed with the seed usually out-yields 15 gallons of 10-34-0 placed beside the row 2" x 2". Universities have been telling us for years that the closer to the seed we could safely put Phosphorous, the better the response from the crop would be. Purdue said years ago that 5 pounds of "P" with the seed gave the same response as 20 pounds of "P" just 2 inches away.
- 7) **Low Volume:** Because of the performance of a "good seed-placed" fertilizer it is possible to get increased performance from a low volume amount used strictly as a "starter" product. LFB Solutions is not a do-it-all product, it is just your starter program! You still need to maintain a good over-all fertility program.

The low volume lets you plant more acres per day and get additional performance from the plant at the same time. We have helped our customers set their planters up to plant from 40-150 acres of corn before having to refill their fertilizer. This is appreciated especially by those customers who purchased the bigger planters in order to get more acres/day.
- 8) **Convenience:** Low volume in a liquid fertilizer provides convenience compared to the alternatives. You only have to fill the planter 1/3 as often as if you were to use other products. You only need to pickup fertilizer once per day, maybe even once every other day. You have to cover your dry fertilizer if it decides to rain, but not LFB!
- 9) **Dust and Rust:** With low volume "seed-placed" LFB Solutions liquid fertilizer you won't have the dust from dry fertilizer. You won't have to scratch your arms and neck all day because of it! Without the dust you will protect your investment in the tractor and planter, because you won't have the rust! You won't have to renew the flatbed on your truck, or replace the auger, because of rust from the fertilizer.
- 10) **Pricing:** Apparently at LFB Solutions, we aren't as "proud" of our products as are some of the other companies out there. We feel when you purchase a product there should be some hope of it paying for itself! Not only do some of these other products not perform; they charge big bucks for you to find out!!

This is our 7th year under the LFB Solutions, Inc. name. That doesn't mean we are inexperienced, or uninformed. We were associated with traditional companies such as Sohigro, Terra, and the Co-ops. We have worked in Indiana, Ohio, and Michigan, in those capacities.

For 13 years, I personally conducted the "Starter Fertilizer" research trials in Michigan and N. Indiana for a well known fertilizer company. I covered the state of Michigan as the sales manager, and set up several hundred planters for my customers during that time.

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Thank You!

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