



Longnecker Fertilizers LLC is your trusted advisor and dedicated partner in pursuing the best products for each individual growers needs.

Jeff Longnecker

27300 580th Avenue • Ames, IA 50010
(515) 291-0836



IN-FURROW RECOMMENDATIONS:

Corn:
36-4" Row Width- 2-5 gals/a
30" Row Width- 3-6 gals/a
20-22" Row Width- 4.5-9 gals/a
15"- Twin Row Width- 6-12 gals/a

Soybeans*:
6-8" Row Width- 2-4 gals/a
*Use a Y splitter with significant pressure to ensure liquid fertilizer is placed accurately.

Alfalfa
5 gals/a max

FOLIAR FEEDING GENERAL GUIDELINES:

Corn:
1-3 gallons per acre. Foliar apply at 3rd-5th leaf collar.

Soybeans:
1-3 gallons per acre. Foliar apply at the 4th-6th trifoliolate, and then 80-85% podset.

Longnecker 8-19-3

NUTRIENTS SUPPLIED (pounds per gallon):

Total Nitrogen (N)	0.84
Available Phosphate (P₂O₅)	2.00
Soluble Potash (K₂O)	0.32

Derived from: urea, ammonium hydroxide, phosphoric acid, potassium hydroxide, and ammonium polyphosphate.

PRODUCT PROPERTIES:

Analysis:	8-19-3
Weight:	10.5 lbs. per gallon
Specific gravity:	1.26 kg/L
pH:	6.2 – 6.8
Appearance:	green translucent liquid
Odor:	no odor, or mild ammonia

GENERAL PRODUCT INFORMATION:

Longnecker 8-19-3 liquid fertilizer is manufactured by utilizing quality raw materials including ammonium hydroxide, urea, phosphoric acid and potassium hydroxide to provide a very agronomically efficient source of N-P-K. The quality of the raw materials used to formulate **Longnecker 8-19-3** liquid fertilizer:

- maximizes plant nutrient solubility
- minimizes salt index
- minimizes equipment corrosion
- allows good cold weather storage
- is plant safe at recommended rates

Seventy percent of the phosphate is present in the orthophosphate form that is immediately available for plant absorption and metabolism. During times of limited phosphate and potassium availability (eg: cold and wet spring soil conditions present at planting), **Longnecker 8-19-3** liquid fertilizer provides a phosphate and potassium source that is positionally and nutritionally available.