

## Specification Sheet

Conklin Company Inc.  
 Agronomics Division  
 551 Valley Park Drive  
 Shakopee, MN 55379  
 (952) 445-6010  
 ConklinAgroVantage.com

# Feast<sup>®</sup> Yield Master<sup>™</sup>

## Liquid Fertilizers: 3-15-19 w/3%S and 8-16-11 w/2%S

### PRODUCT PURPOSE

Feast 3-15-19 w/3%S and 8-16-11 w/2%S starter fertilizers are high quality, clear liquids. They are formulated to be used in placement applications at the time of planting or in a foliar feed program, and are available in mini-bulk or bulk. Feast 3-15-19 w/3%S and 8-16-11 w/2%S are not designed to totally replace broadcast applications, but to supplement them and give plants an added boost at critical stages.

### BENEFITS

- High quality, readily available nutrients
- Versatile – can be foliar or placement applied at recommended rates without crop damage\*
- Enhances early growth of young plants
- Fast, more efficient nutrient uptake through foliar feeding or through placement at planting
- Safe to use – easy to store and handle, neutral pH, good stability
- Can be applied with Feast Micro Master EDTA chelated micronutrients

\*The use of seed placement starter fertilizer may result in crop damage under the following conditions: low soil moisture, high soil nitrate levels, low soil organic matter content, extremely light sandy soils, and soils high in sodium or soluble salts. Your own farm environmental conditions and experience are most important when deciding to use a seed-contact starter fertilizer.

### SPECIFICATIONS

3-15-19 w/3%S	8-16-11 w/2%S
<b>Guaranteed analysis:</b>	<b>Guaranteed analysis:</b>
Total Nitrogen (N).....3.0%	Total Nitrogen (N) ..... 8.0%
0.7% Ammoniacal Nitrogen	2.96% Ammoniacal Nitrogen
2.3% Urea Nitrogen	5.04% Urea Nitrogen
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....15.0%	Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) ..... 16.0%
Soluble Potash (K <sub>2</sub> O).....19.0%	Soluble Potash (K <sub>2</sub> O) .....11.0%
Sulfur (S).....3.0%	Sulfur (S) .....2.0%
Pounds of Nitrogen (N)/gal.....0.23	Pounds of Nitrogen (N)/gal. ....0.89
Pounds of Phosphorus (P <sub>2</sub> O <sub>5</sub> )/gal.....1.76	Pounds of Phosphorus (P <sub>2</sub> O <sub>5</sub> )/gal. ....1.78
Pounds of Potassium (K <sub>2</sub> O)/gal.....2.23	Pounds of Potassium (K <sub>2</sub> O)/gal.....1.22
Pounds of Sulfur (S)/gal.....0.35	Pounds of Sulfur (S)/gal.....0.22
Derived from: Urea, White Phosphoric Acid, Potassium Hydroxide, Aqua Ammonia, and Potassium Thiosulfate	Derived from: Urea, White Phosphoric Acid, Potassium Hydroxide, Aqua Ammonia, and Potassium Thiosulfate
<b>Weight/gallon</b> ..... 11.7 lbs.	<b>Weight/gallon</b> ..... 11.1 lbs.
<b>Appearance</b> ..... Clear, odorless	<b>Appearance</b> ..... Clear, odorless
<b>pH (100% solution)</b> ..... 7.3	<b>pH (100% solution)</b> ..... 7.25
<b>Specific gravity</b> ..... 1.403	<b>Specific gravity</b> ..... 1.331

To obtain maximum benefits from these products, soil tests and/or tissue tests are recommended. Use the following table as a planning guide; actual recommendations may vary. This list does not represent a fertility program, but rather application options. Foliar feed guidelines and rates are not listed for crops where tissue testing or accurate field diagnosis of need is required before applications are made. Generally, rates of the appropriate analysis do not exceed two to four gallons per acre. Foliar applications of fertilizers and micronutrients are most feasible under the following conditions:

1. When plant tests show nutrient deficiencies
2. When soil moisture is adequate for plant needs
3. When fruiting or grain production rates are good
4. When insect, weed and disease control are good
5. When climatic conditions are favorable for fruit or grain development

**See back**

# Feast<sup>®</sup> Yield Master™ Application Guidelines

Crop	Rate (gpa)	Product	Time and Method of Application
Alfalfa	3-5	3-15-19 w/3%S, 8-16-11 w/2%S	Spring; foliar apply to ground cover at crown green up, but before new growth reaches 3" to 4" height.
	3-5	3-15-19 w/3%S, 8-16-11 w/2%S	After each cutting; foliar apply to good ground cover, but before regrowth reaches 3" to 4" height.
	2-5	3-15-19 w/3%S, 8-16-11 w/2%S	In fall, prior to dormancy
Corn	2-5	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; in-row, or Y-NOT splitter based on soil test
Cotton	6-8	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; 1" under seed or 2" x 2"
Peanuts	5-8	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; deep-placed*
	2-3	3-15-19 w/3%S, 8-16-11 w/2%S	Bloom, embryo, 2 weeks after embryo and first mature pods, foliar
Potatoes	6-8	3-15-19 w/3%S, 8-16-11 w/2%S	At planting with the seed pieces plus the same amount deep-placed*
	2-3	3-15-19 w/3%S, 8-16-11 w/2%S	4" to 6" plants, 10 to 14 day intervals until after bloom and every 7 to 10 days until vine kill; foliar
Sorghum	2-3	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; in-row, or Y-NOT splitter based on soil test
	4-8	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; deep-placed*
			At planting; split dual application, in-row (2 to 3 gal.) and deep-placed* (4 to 8 gal.)
Soybeans	3-8	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; deep-placed*
	2-5	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; Y-Not Splitter
	3-5	3-15-19 w/3%S, 8-16-11 w/2%S	For narrow row spacing or solid seeded beans; 3rd to 4th trifoliolate leaf foliar, more canopy is required for conventional row spacing
Sugar beets	4-5	3-15-19 w/3%S, 8-16-11 w/2%S	At planting; placed 2" directly below the seed or deep-placed*
	2-3	3-15-19 w/3%S, 8-16-11 w/2%S	Beginning at 2nd leaf stage and then at 7 to 14 day intervals

\*Deep-placement is the term used for placement 2" below and 2" to the side of the seed. For soils with organic matter less than 1.5 and/or CEC less than 4.0 this application is recommended.

## STORAGE AND HANDLING

Acceptable materials for storage include: fiberglass, stainless steel, and polyethylene. Pumps, pipes, and fittings should be made of stainless steel, poly propylene, CPVC, epoxy, Kynar, and vinyl-reinforced flexible tubing such as Mayon or Tygon.® The use of brass, bronze, aluminum or cast iron is not recommended for wetted parts.

Feast 3-15-19 w/3%S and 8-16-11 w/2%S will freeze at temperatures of around -15 to -20°F. Some separation of materials may occur during the freezing process, however, a completely uniform mixture may be obtained upon thawing by recirculation in the tank.

## CAUTION:

MAY CAUSE EYE, SKIN, AND DIGESTIVE AND RESPIRATORY SYSTEMS IRRITATION. Keep out of the reach of children. Avoid contact with eyes and prolonged contact with skin. In case of contact with eyes, flush with water for at least 15 minutes. Wash skin thoroughly with soap and water. If irritation persists, seek medical attention. If swallowed, dilute with one to two glasses of water, if victim is conscious, and get medical attention immediately.

## LIMITED GUARANTEE

Conklin Company Inc. guarantees that this product conforms to the chemical description on the label and is designed and suitable for the specific applications stated on the label. Since many factors affect crop production, Conklin Company Inc. will not be liable for incidental or consequential damages, including loss or partial loss of a crop, from any cause whatsoever. This guarantee is in lieu of the implied warranty of merchantability and all other warranties expressed or implied.