

## Specification Sheet

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

## Liquid Fertilizers: 9-18-9 and 3-18-18

### PRODUCT PURPOSE

Feast 9-18-9 and 3-18-18 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 bulk, 135-gallon and 250-gallon mini-bulks. Feast 9-18-9 and 3-18-18 are not designed to totally replace a total fertility program, 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<sup>™</sup> 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

#### 9-18-9

##### Guaranteed analysis:

Total Nitrogen (N).....	9.0%
3.2% Ammoniacal Nitrogen	
5.8% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	18.0%
Soluble Potash (K <sub>2</sub> O).....	9.0%

Pounds of Nitrogen (N)/gal.....	1.0
Pounds of Phosphorus (P <sub>2</sub> O <sub>5</sub> )/gal.....	2.0
Pounds of Potassium (K <sub>2</sub> O)/gal.....	1.0
Nutrients from: Aqua Ammonia, White Phosphoric Acid, Potassium Hydroxide	

Weight/gallon .....	11.0 lbs.
Appearance.....	Clear, odorless
pH (100% solution).....	7.3
Specific gravity .....	1.320
Salting out temperature.....	-4°F

#### 3-18-18

##### Guaranteed analysis:

Total Nitrogen (N).....	3.0%
0.4% Ammoniacal Nitrogen	
2.6% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	18.0%
Soluble Potash (K <sub>2</sub> O).....	18.0%

Pounds of Nitrogen (N)/gal.....	0.35
Pounds of Phosphorus (P <sub>2</sub> O <sub>5</sub> )/gal.....	2.1
Pounds of Potassium (K <sub>2</sub> O)/gal.....	2.1
Nutrients from: Aqua Ammonia, White Phosphoric Acid, Potassium Hydroxide	

Weight/gallon .....	min. 11.57 lbs.
Appearance.....	Clear, odorless
pH (100% solution).....	7.5
Specific gravity .....	1.390
Salting out temperature.....	-4°F

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

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## Feast Yield Master™ Application Guidelines

Crop	Rate (gpa)	Product	Time and Method of Application
Alfalfa	3-5	9-18-9, 3-18-18	Spring; foliar apply to ground cover
	3-5	9-18-9, 3-18-18	After each cutting; foliar apply to good ground cover but before regrowth reaches 3" to 4"
	2-5	3-18-18	In fall, prior to dormancy
Corn	2-5	9-18-9, 3-18-18	At planting; in-row, based on soil test
	2-5	9-18-9, 3-18-18	At planting; splitter, based on soil test
	3-5	9-18-9, 3-18-18	2 to 12 leaf stage and between white blister and dough; foliar
Cotton	2	9-18-9, 3-18-18	At planting; 1" under seed or 2" x 2"
Peanuts	2	3-18-18	At planting; deep-placed*
	2-3	3-18-18	Bloom, embryo, 2 weeks after embryo and first mature pods, foliar
Potatoes	2-5	9-18-9, 3-18-18	At planting with the seed pieces plus the same amount deep-placed*
	2-3	9-18-9, 3-18-18	4" to 6" plants, 10 to 14 day intervals until after bloom and every 7 to 10 days until vine kill; foliar
Small grains	4-5	9-18-9	At planting; in-row
	3-5	9-18-9	4" to 6" height; foliar
Sorghum	2-3	9-18-9, 3-18-18	At planting; in-row
	4-8	9-18-9, 3-18-18	At planting; deep-placed*
		9-18-9, 3-18-18	At planting; split dual application, in-row (2 to 3 gal.) and deep-placed* (4 to 8 gal.)
Soybeans	2-8	9-18-9, 3-18-18	At planting; deep-placed*
	2	9-18-9, 3-18-18	At planting; Y-Not Splitter
	3-5	9-18-9, 3-18-18	For narrow row spacing or solid seeded beans; 3 to 4 trifoliolate; foliar, more canopy is required for conventional row spacing
Sugar beets	4-5	9-18-9, 3-18-18	At planting; placed 2" directly below the seed or deep-placed*
	2-3	3-18-18	Beginning at 2 leaf stage and then at 7 to 14 day intervals
Sunflowers	2	9-18-9	At planting; deep-placed*
	3-5	9-18-9	During seed filling; foliar

\*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.

For storage, handling, caution, and limited guarantee, please see the product labels.