

Report Number  
F24243-6500  
Account Number  
74534



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To: REYNOLDS FARM EQUIPMENT  
1451 E 276TH ST  
ATLANTA, IN 46031-9668

For: SPRONG FARMS

Attn: MARK TRUSTER

Date Received: 8/30/2024  
Date Reported: 9/9/2024 Page: 1 of 2

### MANURE ANALYSIS

Lab Number	Sample ID	Analysis	Unit	Analysis Result (As Received)	Pounds Per Ton
67757	HOME STOCKPILE	Moisture	%	55.52	1110
67757	HOME STOCKPILE	Solids	%	44.48	890
67757	HOME STOCKPILE	Nitrogen, Total (TKN)	%	3.820	76.4
67757	HOME STOCKPILE	Nitrogen, Ammonium (NH <sub>4</sub> -N)	%	1.190	23.8
67757	HOME STOCKPILE	Nitrogen, Organic (N)	%	2.630	52.6
67757	HOME STOCKPILE	Phosphorus (P)	%	1.203	55.1 (as P <sub>2</sub> O <sub>5</sub> )
67757	HOME STOCKPILE	Potassium (K)	%	1.771	42.5 (as K <sub>2</sub> O)
67757	HOME STOCKPILE	Sulfur (S)	%	0.34	6.7
67757	HOME STOCKPILE	Magnesium (Mg)	%	0.38	7.6
67757	HOME STOCKPILE	Calcium (Ca)	%	1.91	38.2
67757	HOME STOCKPILE	Sodium (Na)	%	0.44	8.7
67757	HOME STOCKPILE	Aluminum (Al)	ppm	209	0.4
67757	HOME STOCKPILE	Copper (Cu)	ppm	25	0.1
67757	HOME STOCKPILE	Iron (Fe)	ppm	503	1.0
67757	HOME STOCKPILE	Manganese (Mn)	ppm	224	0.4

Report Approved By:

Don Burgess - Agronomist / Technical Services - CPAg/CPSS/CCA

Approval Date: 9/09/2024

# Sprong Farms, Inc.

Date: 12/10/24

## Streamer Pass Over The Row - Starter Fertilizer

Material	gal/ac	% of		Analysis			\$/ton or gal	Cost Est/ac
		Blend	Nitrogen	Sulfur	Zinc	Boron		
32% Nitrogen	11.00	73.3%	38.02				\$320.00	\$19.01
Amm. Thiosulfate (liq)	3.50	23.3%	4.70	10.19			\$360.00	\$7.06
10% Liquid Zinc	0.25	1.7%			0.28		\$35.00	\$8.75
10% Liquid Boron	0.25	1.7%				0.28	\$20.00	\$5.00
<b>Total</b>	<b>15.00</b>	<b>100.0%</b>	<b>42.72</b>	<b>10.19</b>	<b>0.28</b>	<b>0.28</b>		<b>\$39.81</b>

## Corn Side Dress Y-Drop Nitrogen Recommendation

60 gal 32% total      240.00 Available Units Desired for Corn  
 -30.00 Soybean Contribution  
 20 - stream @ planting      -150.00 Layer Litter Contribution - Not accurate, maybe 50 #  
 40 - Y-Drop @ V4-V8      -42.72 Starter Nitrogen Contribution if 3 ton/ac  
 17.28 Units to Side Dress

Material	gal/ac	% of		Analysis			\$/T	Cost Est/ac
		Blend	Nitrogen	Sulfur	Zinc	Boron		
32% Nitrogen	10.00	70.2%	34.56				\$320.00	\$17.28
Amm. Thiosulfate (liq)	4.00	28.1%	5.28	11.44			\$360.00	\$8.06
10% Liquid Boron	0.25	1.8%	0.34			0.28	\$20.00	\$5.00
<b>Total</b>	<b>14.25</b>	<b>100.0%</b>	<b>40.18</b>	<b>11.44</b>	<b>0.00</b>	<b>0.28</b>		<b>\$30.34</b>
Starter + Y drop Total			82.90	21.63	0.28	0.56		\$70.16
Layer Litter			150.00	16.50				
Total Nutrients			232.90	38.13				

## Layer Litter Nutrient Contribution

Material	tons/ac	Analysis					\$/T	Cost Est/ac
		Sulfur	Phosphorus	Potassium	Nitrogen	Calcium		
Layer Litter	3.00	16.50	150.00	120.00	150.00	300.00	\$70.00	\$210.00

~\$55      ~\$165

## Soybean Sulfur Recommendation

Material	gal/ac	% of		Analysis			\$/T	Cost Est/ac
		Blend	Nitrogen	Sulfur	Zinc	Boron		
Amm. Thiosulfate (liq)	10.00	100.0%	13.44	29.12			\$360.00	\$20.16
<b>Total</b>	<b>10.00</b>	<b>100.0%</b>	<b>13.44</b>	<b>29.12</b>	<b>0.00</b>	<b>0.00</b>		<b>\$20.16</b>