



# Stearns DHIA Laboratories

MN Lab ID# 027-145-378

825 12th St. So., P O Box 227,  
 Sauk Centre, MN 56378-0227  
 320.352.2028 Phone  
 800.369.2697 Toll Free  
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 Email:  
 stearnsdhialab@stearnsdhialab.com

**Name:** HAUBENSCHILD FARMS  
 7201 349TH AVE NW  
 PRINCETON, MN 55371

**Sample ID/Invoice#:** 376671  
**Account #:** 000194  
**Internal ID#:** 114196  
**Species:** Dairy  
**Sample Type:** Manure  
**Receipt Date:** 9/13/2018 2:48 PM  
**Report Date:** 9/14/2018 3:32:35 PM  
**Sample Cost:** \$28.00  
**Client Sample ID:** HEIFER BARN

Manure Nutrients	Units	As Received	lbs/1000 gal	lbs/Ton
Moisture, %	%	76.29		
Dry Matter	%	23.71		
Nitrogen (TKN)	%	0.48	39.69	9.52
%P205	%	0.28	23.12	5.55
%K20	%	0.67	55.68	13.36

## Estimated 1st Year Available Nutrients

	Injected or Incorporated		Surface Applied	
	as Liquid (lbs/1000 gal)	as Solid (lbs/ton)	as Liquid (lbs/1000 gal)	as Solid (lbs/ton)
Nitrogen (TKN)	22	5	8	2
%P205	18	4	18	4
%K20	50	12	50	12

## Estimated \$ Value of Equivalent Commercial Fertilizer

Prices as of 08/05/2018	Injected or Incorporated		Surface Applied	
	As Liquid (per 1000 gal)	As Solid (per ton)	As Liquid (per 1000 gal)	As Solid (per ton)
Nitrogen	\$0.40			
P205	\$0.51			
K20	\$0.30			
Nitrogen (TKN)	\$8.73	\$2.09	\$3.18	\$0.76
%P205	\$9.43	\$2.26	\$9.43	\$2.26
%K20	\$15.03	\$3.61	\$15.03	\$3.61
<b>Total \$ Value</b>	<b>\$33.19</b>	<b>\$7.96</b>	<b>\$27.64</b>	<b>\$6.63</b>

This analysis is based solely on the sample provided.  
 Improper sampling techniques will result in misrepresentation of values.



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**Name:** HAUBENSCHILD FARMS  
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PRINCETON, MN 55371

**Sample ID/Invoice#:** 375675  
**Account #:** 000194  
**Internal ID#:** 113885  
**Species:** Miscellaneous  
**Sample Type:** Manure  
**Receipt Date:** 9/6/2018 3:42 PM  
**Report Date:** 9/10/2018 4:43:08 PM  
**Sample Cost:** \$28.00  
**Client Sample ID:** COMPOST VEGETATION

Manure Nutrients	Units	As Received	lbs/1000 gal	lbs/Ton
Moisture, %	%	73.63		
Dry Matter	%	26.37		
Nitrogen (TKN)	%	0.47	39.03	9.36
%P205	%	0.23	19.59	4.70
%K20	%	0.28	23.44	5.62

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**Name:** HAUBENSCHILD FARMS  
7201 349TH AVE NW  
PRINCETON, MN 55371

**Sample ID/Invoice#:** 376672  
**Account #:** 000194  
**Internal ID#:** 114197  
**Species:** Miscellaneous  
**Sample Type:** Manure  
**Receipt Date:** 9/13/2018 2:48 PM  
**Report Date:** 9/14/2018 3:32:35 PM  
**Sample Cost:** \$28.00  
**Client Sample ID:** GREEN LAKE SHORE

Manure Nutrients	Units	As Received	lbs/1000 gal	lbs/Ton
Moisture, %	%	75.14		
Dry Matter	%	24.86		
Nitrogen (TKN)	%	0.33	27.78	6.66
%P205	%	0.33	27.48	6.59
%K20	%	0.16	13.11	3.15

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