

NITRATE TEST LAB 2009

2284 SAMPLES

49,450 ACRES

4,062,682 TOTAL LBS. CREDIT

(2031 TON ACTUAL N OR 7255 TON OF 28% OR 145.5 SEMI LOADS)

82 LBS/ACRE AVERAGE

# SAMPLES WITH MANURE	LBS. CREDIT PER ACRE
194 (20%)	0 – 49
463 (47%)	50 – 99
218 (22%)	100 – 149
72 (7%)	150 – 199
24 (3%)	200 – 249
6 (1%)	OVER 250

# SAMPLES NO MANURE	LBS. CREDIT PER ACRE
531 (41%)	0 – 49
538 (41%)	50 – 99
147 (11%)	100 – 149
50 (4%)	150 – 199
19 (1%)	200 – 249
22 (2%)	OVER 250

AVG. LBS. CREDIT PER ACRE IS 90
@ .67/LB OF 28% = \$60.30/AC
 (excluding samples over 250 lbs.)

AVG. LBS. CREDIT PER ACRE IS 69
@ .67/LB OF 28% = \$46.23/AC
 (excluding samples over 250 lbs.)

TOTAL LBS. OF N CREDIT IS 4,062,682 @ .67 = \$2,721,997 SAVINGS
OVERALL AVG. SAVINGS IS \$2,721,997 ÷ 49,450 AC. = \$55.05/AC
 (67¢ is average cost of 28% nitrogen)

OF THE MANURE SAMPLES
80% HAD OVER 50 LBS. CREDIT

OF THE NO MANURE SAMPLES
59% HAD OVER 50 LBS. CREDIT

HURON CONSERVATION DISTRICT
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