

Different Rates of Nitrogen on Canola

REWARD Polish Canola

Nitrogen in the form of 45-0-0 side banded
P, K and S as per soil analysis recommendations

Fort St. John 1997

Rate of Nitrogen added	Average Plot Yield	Yield kg/ha	Yield bu/ac	L.S.D. Test	yield as % of 0 N
80 lb/ac	1833	3055	54	A	126%
60 lb/ac	1726	2877	51	B	119%
100 lb/ac	1718	2863	51	B	118%
120 lb/ac	1706	2843	51	B	117%
20 lb/ac	1588	2647	47	C	109%
40 lb/ac	1569	2615	47	C	108%
0 lb/ac	1456	2427	43	D	100%

Coefficient of Variation = 6.43%

estimated available lb/ac

Soil Analysis (NORWEST Labs)	N	P	K	S
	49	7	359	76

Baldonnel 1996

Rate of Nitrogen added	Average Plot Yield	Yield kg/ha	Yield bu/ac	L.S.D. Test	yield as % of 0 N
100 lb/ac	1636	2727	49	A	117%
120 lb/ac	1613	2689	48	A	116%
60 lb/ac	1604	2674	48	A	115%
80 lb/ac	1534	2557	45	AB	110%
20 lb/ac	1465	2441	43	BC	105%
40 lb/ac	1450	2416	43	BC	104%
0 lb/ac	1393	2321	41	C	100%

Coefficient of Variation = 9.90%

estimated available lb/ac

Soil Analysis (NORWEST Labs)	N	P	K	S
	113	31	201	38