

## Different Rates of Phosphorus on Peas

### CARNEVAL Peas

Phosphorus in the form of 0-45-0 side banded granular soil inoculant

#### Fort St. John 1999

| Rate of Phosphorus added | Average Plot Yield | Yield kg/ha | Yield bu/ac | L.S.D. Test | yield as % of 0 P |
|--------------------------|--------------------|-------------|-------------|-------------|-------------------|
| 40 kg/ha                 | 2283               | 3805        | 57          | A           | 108%              |
| 60 kg/ha                 | 2269               | 3782        | 56          | A           | 108%              |
| 20 kg/ha                 | 2236               | 3727        | 55          | A           | 106%              |
| 0 kg/ha                  | 2105               | 3508        | 52          | B           | 100%              |

Coefficient of Variation = 5.51%

#### estimated available kg/ha

| Soil Analysis (NORWEST Labs) | N  | P | K   | S  |
|------------------------------|----|---|-----|----|
|                              | 53 | 8 | 367 | 53 |

#### Fort St. John 1998

| Rate of Phosphorus added | Average Plot Yield | Yield kg/ha | Yield bu/ac | L.S.D. Test | yield as % of 0 P |
|--------------------------|--------------------|-------------|-------------|-------------|-------------------|
| 40 kg/ha                 | 3783               | 6305        | 94          | A           | 107%              |
| 60 kg/ha                 | 3756               | 6260        | 93          | A           | 106%              |
| 20 kg/ha                 | 3628               | 6047        | 90          | AB          | 103%              |
| 0 kg/ha                  | 3533               | 5888        | 88          | B           | 100%              |

Coefficient of Variation = 4.92%

#### estimated available kg/ha

| Soil Analysis (NORWEST Labs) | N  | P  | K   | S  |
|------------------------------|----|----|-----|----|
|                              | 65 | 32 | 371 | 20 |