

## 2004 Fall-Bearing Raspberry Evaluation

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For a description of the project and methods please see our 2003 report. Phytophthora root rot was a serious issue this year even on the well drained soils at this location. Moisture stress and late leaf rust led to early defoliation and a short season.

### Results

|                 | 2003                          |              |                   | 2004                          |              |                   |
|-----------------|-------------------------------|--------------|-------------------|-------------------------------|--------------|-------------------|
|                 | Total #<br>Acre <sup>-1</sup> | Coef<br>Var. | Gross<br>\$/Acre* | Total #<br>Acre <sup>-1</sup> | Coef<br>Var. | Gross<br>\$/Acre* |
| <b>OAY-F1</b>   | 193                           | 31.8         | 349.01            | <i>Observation Only</i>       |              |                   |
| <b>Caroline</b> | 2019                          | 44.7         | 2844.30           | 1269                          | 37.3         | 2043.23           |
| <b>Deborah</b>  | 320                           | 17.7         | 310.71            | <i>Observation Only</i>       |              |                   |
| <b>Jaclyn</b>   | 887                           | 9.4          | 1006.79           | 289                           | 60.1         | 310.61            |
| <b>MBT-F1</b>   | 1435                          | 8.2          | 1811.36           | 324                           | 19.5         | 444.25            |

\*Assume average price of \$2.92/lb for yellow and \$1.83/lb for red from the USDA NASS February 2002 report on Ohio raspberries. Gross return/acre is based on marketable harvest, which ranged from 59-88%. The labeling of Switch for control of Botrytis fruit rot (gray mold) will help us increase our percentage of marketable fruit in the future.

### Conclusions

It is important to note that gross sales do not include any costs of production, harvest or packaging. Further evaluation of these varieties will continue for a number of years to determine the role they have in raspberry production systems in southern Ohio, however OAY-F1 and Deborah are no longer replicated and are for observation only. While the variation between plots for Caroline is larger than for Jaclyn or MBT-F1 it is still the best performing variety in this trial.