

Table 1. Plum tomato germplasm evaluation, Fremont, OH - 2003

| <u>Cultivar</u> | <u>Seed Source</u> | <u>Fruit Color</u> | <u>Marketable T/A</u> | <u>Average Marketable Fruit size (lb)</u> | <u>Culls T/A</u> |
|---------------------|--------------------|--------------------|-----------------------|---|------------------|
| 'Health Kick' | SM | red | 33.0 | 0.16 | 1.8 |
| 'Giant Valentine' | SM | red | 13.9 | 0.34 | 2.7 |
| 'Ohio Bicentennial' | Francis program* | red | 13.7 | 0.13 | 0.5 |
| '2K2-7084' | Francis program* | yellow/orange | 22.8 | 0.11 | 1.0 |
| 'Sunoma' | ST | red | 29.4 | 0.17 | 2.5 |
| 'Italian Gold' | ST | orange | 19.3 | 0.13 | 1.9 |
| 'Plum Lemon' | TGS | yellow | 21.8 | 0.14 | 2.0 |
| LSD (0.05) | | | 7.30 | 0.06 | 1.26 |
| C.V. | | | 47.0 | 47.6 | 51.2 |

Table 2. Plum tomato germplasm evaluation, Hillsboro, OH - 2003

| <u>Cultivar</u> | <u>Seed Source</u> | <u>Fruit Color</u> | <u>Marketable T/A</u> | <u>Average Marketable Fruit size (lb)</u> | <u>Culls T/A</u> |
|-------------------|--------------------|--------------------|-----------------------|---|------------------|
| 'Health Kick' | SM | | 12.0 | 0.14 | 1.0 |
| 'Giant Valentine' | SM | | 18.4 | 0.16 | 1.1 |
| 'BHN 404' | BHN | red | 12.4 | 0.14 | 0.7 |
| 'BHN 411' | BHN | red | 12.3 | 0.11 | 0.6 |
| 'Sunoma' | ST | | 18.2 | 0.16 | 0.7 |
| 'Italian Gold' | ST | | 16.4 | 0.15 | 0.4 |
| 'Plum Lemon' | TGS | | 18.8 | 0.10 | 0.9 |
| 'ACR 8625' | AC | red | 17.5 | 0.17 | 1.2 |
| LSD (0.05) | | | NS | 0.04 | NS |
| C.V. | | | 29.4 | 16.4 | 78.7 |

Table 3. Plum tomato germplasm evaluation, Hamilton, OH - 2003 (1 rep only)

| <u>Cultivar</u> | <u>Seed Source</u> | <u>Marketable T/A</u> | <u>Average Marketable Fruit size (lb)</u> | <u>Culls T/A</u> |
|-------------------|--------------------|-----------------------|---|------------------|
| 'Health Kick' | SM | 28.1 | 0.19 | 0.6 |
| 'Giant Valentine' | SM | 15.6 | 0.33 | 4.9 |
| 'BHN 404' | BHN | 22.4 | 0.19 | 2.4 |
| 'BHN 411' | BHN | 22.9 | 0.20 | 1.3 |
| 'Sunoma' | ST | 23.7 | 0.15 | 0.2 |
| 'Italian Gold' | ST | 16.7 | 0.16 | 0.0 |
| 'ACR 8625' | AC | 18.9 | 0.23 | 1.2 |

* seed obtained from Dr. David Francis, The Ohio State University/OARDC