

## TOMATO - FRESH MARKET DETERMINATE ROUND

| VARIETY               | MATURITY | PLANT HABIT         | VIGOUR  | FRUIT MASS (g) | SHAPE                  | FIRMNESS (1-good / 9-poor) | GREEN SHOULDER | JOINTS  | BEARING PERIOD (1-good / 9-poor) | HIGH RESISTANCE                        | INTERMEDIATE RESISTANCE    |
|-----------------------|----------|---------------------|---------|----------------|------------------------|----------------------------|----------------|---------|----------------------------------|--|----------------------------|
| STAR 9009             | 80 - 85  | Determinate         | Strong  | 150 - 170      | Round to slightly flat | 2                          | Absent         | Jointed | 4                                | Va:1/Vd:1/<br>Fol:1-2/RS/<br>TMV       | Ma/Mi/Mj/Lt/<br>TSWV       |
| STAR 9011             | 80 - 85  | Determinate         | Strong  | 160 - 180      | Slightly flat          | 2                          | Absent         | Jointed | 4                                | Va:1/Vd:1/Fol:1-<br>2/Rs/TMV           | Ma/Mi/Mj/Lt/<br>TSWV       |
| ZANDRA                | 75 - 80  | Compact determinate | Strong  | 140 - 160      | Slightly flat to round | 2                          | Present        | Jointed | 5                                | Va:1/Vd:1/Fol:1-<br>2/Rs/TMV           | Ma/Mi/Mj/Lt/<br>TSWV       |
| GUARDIAN (New) BR8598 | 80 - 85  | Determinate         | Compact | 150 - 170      | Slightly flat          | 2                          | Absent         | Jointed | 4                                | Va:1/Vd:1/<br>Fol:1-3/TMV              | Ma/Mi/Mj/Lt/<br>TSWV/TYLCV |
| SUNFIRE (New) BR9075  | 80 - 85  | Determinate         | Strong  | 140 - 160      | Slightly flat to round | 2                          | Absent         | Jointed | 4                                | Va:1/Vd:1/Fol:1-<br>2/Rs/TMV/<br>TYLCV | Ma/Mi/Mj/Lt/<br>TSWV       |

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## TOMATO - FRESH MARKET INDETERMINATE ROUND

| VARIETY                | MATURITY | PLANT HABIT              | VIGOUR      | FRUIT MASS (g) | SHAPE                  | FIRMNESS (1-good / 9-poor) | GREEN SHOULDER | JOINTS  | BEARING PERIOD (1-good / 9-poor) | HIGH RESISTANCE                        | INTERMEDIATE RESISTANCE        |
|------------------------|----------|--------------------------|-------------|----------------|------------------------|----------------------------|----------------|---------|----------------------------------|--|--------------------------------|
| STAR 9037              | 90 - 95  | Indeterminate            | Strong      | 160 - 180      | Round to slightly flat | 1                          | Present        | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-2/Rs/<br>TMV       | Ma/Mi/Mj/Lt/<br>TSWV           |
| TRINITY                | 85 - 90  | Indeterminate            | Strong      | 140 - 160      | Slightly flat          | 2                          | Present        | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-2/TMV              | Ma/Mi/Mj/Rs/Lt/<br>TSWV/ TYLCV |
| TABITHA                | 90 - 95  | Indeterminate            | Strong      | 150 - 170      | Round to slightly flat | 1                          | Present        | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-2/TMV/<br>TYLCV    | Ma/Mi/Mj/Rs/Lt/<br>TSWV        |
| *ZULANI                | 90 - 95  | Indeterminate            | Strong      | 140 - 160      | Round to slightly flat | 1                          | Absent         | Jointed | 2                                | Fol:1-3/Va:1/<br>Vd:1/TMV              | Ma/Mi/Mj/Lt,<br>TSWV/TYLCV     |
| GWEN (New)<br>BR 7083  | 90 - 95  | Indeterminate            | Very strong | 140 - 160      | Round to slightly flat | 1                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-3/On/<br>TMV/TYLCV | TSWV                           |
| LUMI (New)<br>BR 8263  | 90 - 95  | Indeterminate            | Very strong | 130 - 150      | Round to slightly flat | 1                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-3/On/<br>TMV/TYLCV | Ma/Mi/Mj/For/<br>TSWV          |
| HORTU (New)<br>BR 9171 | 90 - 95  | Compact<br>Indeterminate | Very strong | 190 - 220      | Round                  | 1                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-3/ TMV/<br>TYLCV   | Ma/Mi/Mj/TSWV                  |

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## TOMATO - PROCESSING

| VARIETY   | MATURITY | PLANT HABIT         | VIGOUR      | FRUIT MASS (g) | SHAPE       | FIRMNESS (1-good / 9-poor) | GREEN SHOULDER | ATTACHMENT | BEARING PERIOD (1-good / 9-poor) | HIGH RESISTANCE                  | INTERMEDIATE RESISTANCE |
|-----------|----------|---------------------|-------------|----------------|-------------|----------------------------|----------------|------------|----------------------------------|----------------------------------|-------------------------|
| STAR 9063 | 75 - 80  | Compact determinate | Very strong | 90 - 100       | Blocky pear | 1                          | Absent         | Jointed    | 7                                | Va:1/Vd:1/<br>Fol:1-2/RS/<br>TMV | Ma/Mi/Mj/Lt             |

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# TOMATO - FRESH MARKET DETERMINATE SALADETTE

| VARIETY                | MATURITY | PLANT HABIT         | VIGOUR        | FRUIT MASS (g) | SHAPE              | FIRMNESS (1-good / 9-poor) | GREEN SHOULDER | JOINTS  | BEARING PERIOD (1-good / 9-poor) | HIGH RESISTANCE            | INTERMEDIATE RESISTANCE     |
|------------------------|----------|---------------------|---------------|----------------|--------------------|----------------------------|----------------|---------|----------------------------------|----------------------------|-----------------------------|
| STAR 9068              | 80 - 85  | Determinate         | Very strong   | 110 - 130      | Blocky cylindrical | 3                          | Absent         | Jointed | 6                                | Va:1/Vd:1/Fol:1-2/Rs/ TMV  | Ma/Mi/Mj/TYLCV (Ty-2)       |
| STAR 9065              | 75 - 80  | Determinate         | Very strong   | 130 - 160      | Blocky cylindrical | 1                          | Absent         | Jointed | 5                                | Va:1/Vd:1/Fol:1-2/ TMV     | Ma/Mi/Mj/Rs/Lt              |
| AMANI (New) BR 9067    | 75 - 80  | Determinate         | Vigorous      | 130 - 160      | Blocky Cylindrical | 1                          | Absent         | Jointed | 4                                | Va:1/Vd:1/Fol:1-2/ TMV     | Ma/Mi/Mj/Rs/Lt/On/ TSWV     |
| IVY                    | 75 - 80  | Determinate         | Very vigorous | 110 - 130      | Cylindrical Egg    | 3                          | Absent         | Jointed | 3                                | Va:1/Vd:1/Fol:1-3/Rs/TYLCV | Ma/Mi/Mj/For/Lt/Ss/ TSWV    |
| CIARA (New) BR 6831    | 70 - 80  | Compact Determinate | Medium strong | 140 - 170      | Egg                | 2                          | Absent         | Jointed | 6                                | Va:1/Vd:1/Fol:1-3/ TMV     | Ma/Mi/Mj/Rs/Lt/ TSWV/ TYLCV |
| LUTADORA (New) BR 7949 | 75 - 80  | Determinate         | Medium strong | 120 - 140      | Egg                | 2                          | Absent         | Jointed | 5                                | Va:1/Vd:1/Fol:1-3/ TMV     | Ma/Mi/Mj/Rs/TSWV            |
| HUNTRESS (New) BR 9321 | 75 - 80  | Determinate         | Strong        | 130 - 150      | Egg                | 2                          | Absent         | Jointed | 5                                | Va:1/Vd:1/Fol:1-3/ TMV     | Ma/Mi/Mj/TSWV/ TYLCV        |

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## TOMATO - FRESH MARKET INDETERMINATE SALADETTE

| VARIETY                   | MATURITY | PLANT HABIT   | VIGOUR      | FRUIT MASS (g) | SHAPE              | FIRMNESS (1-good / 9-poor) | GREEN SHOULDER | JOINTS  | BEARING PERIOD (1-good / 9-poor) | HIGH RESISTANCE                     | INTERMEDIATE RESISTANCE |
|---------------------------|----------|---------------|-------------|----------------|--------------------|----------------------------|----------------|---------|----------------------------------|-------------------------------------|-------------------------|
| STAR 9081                 | 80 - 85  | Indeterminate | Medium      | 150 - 180      | Tapered blocky     | 2                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-2/TMV           | Ma/Mi/Mj                |
| STAR 9082                 | 75 - 80  | Indeterminate | Strong      | 130 - 160      | Blocky cylindrical | 2                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-2/TMV           | Ma/Mi/Mj                |
| KARI (New)<br>BR 8393     | 80 - 85  | Indeterminate | Medium      | 140 - 170      | Egg                | 2                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-3/TMV/<br>TYLCV | Ma/Mi/Mj/Lt/<br>TSWV    |
| RILEY (New)<br>BR 9436    | 80 - 85  | Indeterminate | Strong      | 140 - 170      | Blocky Egg         | 2                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-3/TMV/<br>TYLCV | Ma/Mi/Mj/Lt/<br>TSWV    |
| SOLSTICE<br>(New) BR 9603 | 75 - 80  | Indeterminate | Very strong | 140 - 170      | Egg                | 1                          | Absent         | Jointed | 2                                | Va:1/Vd:1/<br>Fol:1-3/TYLCV         | Ma/Mi/Mj/Lt/<br>TSWV    |

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## TOMATO - CHERRY

| VARIETY  | MATURITY | PLANT HABIT   | VIGOUR      | FRUIT MASS (g) | SHAPE | FIRMNESS (1-good / 9-poor) | GREEN SHOULDER | ATTACHMENT | BEARING PERIOD (1-good / 9-poor) | HIGH RESISTANCE           | INTERMEDIATE RESISTANCE |
|----------|----------|---------------|-------------|----------------|-------|----------------------------|----------------|------------|----------------------------------|---------------------------|-------------------------|
| SAMANTHA | 75 - 80  | Indeterminate | Very strong | 14 - 18        | Globe | 2                          | Absent         | Jointed    | 1                                | Va:1/Vd:1/<br>Fol:1-2/TMV | Ma/Mi/Mj/Lt/Pst         |

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# TOMATO

| SCIENTIFIC NAME  | COMMON NAME             | DISEASE ABBREVIATION KEY |
|--|-------------------------|--------------------------|
| <b>VIRUSES:</b>  |                         |                          |
| <i>Beet curly top virus</i>                            | Curly top               | BCTV                     |
| <i>Cucumber mosaic virus</i>                           | Cucumber mosaic         | CMV                      |
| <i>Tobacco mosaic virus</i>                            | Tobacco mosaic          | TMV                      |
| <i>Tomato mosaic virus</i>                             | Tomato mosaic           | ToMV                     |
| <i>Tomato spotted wilt virus</i>                       | Tomato spotted wilt     | TSWV                     |
| <i>Tomato yellow leaf curl virus</i>                   | Tomato yellow leaf curl | TYLCV                    |
| <i>Tomato curly stunt virus</i>                        | Tomato curly stunt      | ToCSV-SA                 |
| <b>BACTERIA:</b>                                       |                         |                          |
| <i>Clavibacter michiganensis subsp. michiganensis</i>  | Bacterial canker        | Cmm                      |
| <i>Pseudomonas corrugata</i>                           | Pith necrosis           | Pc                       |
| <i>Pseudomonas syringae pv. tomato</i>                 | Bacterial speck         | Pst                      |
| <i>Ralstonia solanacearum</i>                          | Bacterial wilt          | Rs                       |
| <i>Xanthomonas campestris pv. vesicatoria</i>          | Bacteria spot           | Xcv                      |
| <b>FUNGI:</b>  |                         |                          |
| <i>Alternaria alternata f.sp. lycopersici</i>          | Alternaria stem canker  | Aal                      |
| <i>Alternaria solani</i>                               | Early blight            | As                       |
| <i>Fulvia fulva (now Passalora fulva)</i>              | Leaf mold               | Ff (now Pf)              |
| <i>Fusarium oxysporum f. sp. lycopersici</i>           | Fusarium wilt           | Fol                      |
| <i>Fusarium oxysporum f. sp. radicle-lycopersici</i>   | Fusarium crown and root | For                      |
| <i>Leveillula taurica (anamorph: Oidiopsis sicula)</i> | Powdery mildew          | Lt                       |
| <i>Oidium neolycopersici</i>                           | Powdery mildew          | On                       |
| <i>Phytophthora infestans</i>                          | Late blight             | Pi                       |
| <i>Pyrenochaeta lycopersici</i>                        | Corky root rot          | PI                       |
| <i>Stemphylium botryosum f. sp. lycopersici</i>        | Grey leaf spot          | Sbl                      |
| <i>Stemphylium lycopersici</i>                         | Grey leaf spot          | Sl                       |
| <i>Stemphylium solani</i>                              | Grey leaf spot          | Ss                       |
| <i>Verticillium albo-atrum</i>                         | Verticillium wilt       | Va                       |
| <i>Verticillium dahliae</i>                            | Verticillium wilt       | Vd                       |
| <b>NEMATODES:</b>                                      |                         |                          |
| <i>Meloidogyne arenaria</i>                            | Root-knot               | Ma                       |
| <i>Meloidogyne incognita</i>                           | Root-knot               | Mi                       |
| <i>Meloidogyne javanica</i>                            | Root-knot               | Mj                       |