

Table 6 Relationships between the leaf nutrients during fruit ripening stage and the fruit quality of Shenzhou nane

| Index  | N       | P       | K       | Ca       | Mg       | Fe       | Mn     | Cu      | Zn       |
|--------|---------|---------|---------|----------|----------|----------|--------|---------|----------|
| MPF    | 0.651*  | -0.669* | 0.824** | -0.038   | 0.188    | 0.320    | -0.010 | 0.904** | 0.501    |
| Firm   | 0.592*  | -0.521  | 0.721** | 0.033    | 0.204    | 0.332    | 0.035  | 0.739** | 0.471    |
| TSS    | 0.701*  | -0.589* | 0.836** | 0.068    | 0.324    | 0.405    | -0.031 | 0.935** | 0.615*   |
| SS     | 0.641*  | -0.343  | 0.686*  | 0.206    | 0.509    | 0.441    | -0.127 | 0.850** | 0.692*   |
| TA     | -0.604* | -0.387  | -0.392  | -0.795** | -0.898** | -0.768** | -0.101 | -0.310  | -0.894** |
| Vc     | 0.806** | 0.190   | 0.648*  | 0.779**  | 0.867**  | 0.870**  | 0.214  | 0.508   | 0.981**  |
| TSS/TA | 0.794** | -0.294  | 0.810** | 0.383    | 0.631*   | 0.633*   | 0.001  | 0.859** | 0.852**  |
| SS/TA  | 0.747** | -0.027  | 0.666*  | 0.556    | 0.818**  | 0.699*   | -0.038 | 0.737** | 0.937**  |

Notes: \*represents remarkable significance at  $p < 0.05$  level, \*\*represents remarkable significance at  $p < 0.01$  level