



## ORCHIATA™ GRADES AND APPLICATIONS

There are seven main grades of **Orchiata™** that cater for any type of plant environment. They range from a small chip through to a large nugget. The following are the grades available.

| Grade:                   | Precision  | Classic                            | Power   | Power+   |
|--------------------------|--|------------------------------------|---|--|
| Size                     | 3 - 6mm  | 6 - 9mm                            | 9 - 12mm  | 12 - 18mm                                      |
| Condition                | Aged   | Aged                               | Aged  | Aged   |
| Colour                   | Dark Brown   | Dark Brown                         | Dark Brown  | Dark Brown                                     |
| AFP%                     | 50 - 52  | 55 - 57                            | 57 - 60   | 60 - 62  |
| WHC                      | 55%  | 55%                                | 55%   | 52%  |
| WRE                      | 28%  | 26%                                | 25%   | 25%  |
| Approx. Weight (50L Bag) | 19kg   | 18kg                               | 17kg  | 17kg   |
| Use                      | Young orchid, small varieties;<br><i>Masdevallia</i> | Younger orchids, most orchid types | Mature orchids, larger orchids;<br><i>Cymbidium</i> s | Mature orchids, orchids which require more air |

| Grade:                   | Super  | Power Conditioned            | Super Power+ Conditioned                  |
|--------------------------|--|------------------------------|---|
| Size                     | 18 - 25mm  | 9 - 12mm                     | 12 - 25mm                                 |
| Condition                | Aged   | Conditioned                  | Conditioned                               |
| Colour                   | Dark Brown   | Brown                        | Brown                                     |
| AFP%                     | 60 - 62  | 57 - 60                      | 58 - 62                                   |
| WHC                      | 52%  | 42%                          | 42%                                       |
| WRE                      | 25%  | 16%                          | 16%                                       |
| Approx. Weight (50L Bag) | 17kg   | 16kg                         | 16kg                                      |
| Use                      | Orchids which require high air;<br><i>Cattleya</i> | Orchids requiring less water | Orchids requiring less water/<br>more air |

WHC - Water Holding Capacity  
WRE - Water Retention Efficiency



| Orchiata™ Grades               |                   |                                |         |        |         |         |             |               |
|--------------------------------|-------------------|--------------------------------|---------|--------|---------|---------|-------------|---------------|
| Grade:                         | Precision         | Mixture of Precision & Classic | Classic | Power  | Power + | Super   | Power       | Super Power + |
| Colour:                        | Dark              | Dark                           | Dark    | Dark   | Dark    | Dark    | Conditioned | Conditioned   |
| Bark particle size:            | 3-6mm             | 3-9mm                          | 6-9mm   | 9-12mm | 12-17mm | 12-25mm | 9-12mm      | 12-25mm       |
| Orchid Type:                   | (mixed by grower) |                                |         |        |         |         |             |               |
| <b>Cymbidium</b>               |                   |                                |         |        |         |         |             |               |
| Community pot                  | ✓                 | ✓                              |         |        |         |         |             |               |
| 7cm pot                        |                   | ✓                              | ✓       |        |         |         |             |               |
| 9cm pot                        |                   |                                | ✓       |        |         |         |             |               |
| 12cm pot                       |                   |                                | ✓       | ✓      |         |         |             |               |
| 15/16cm pot                    |                   |                                |         | ✓      | ✓       |         |             |               |
| <b>Phalaenopsis</b>            |                   |                                |         |        |         |         |             |               |
| Community pot                  |                   |                                |         |        |         |         |             |               |
| 5cm pot                        | ✓                 |                                |         |        |         |         |             |               |
| 2nd potting                    |                   |                                | ✓       |        |         |         |             |               |
| 3rd potting                    |                   |                                | ✓       | ✓      |         |         |             |               |
| 15/16cm pot                    |                   |                                |         | ✓      | ✓       |         |             |               |
| <b>Dendrobium</b>              |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   | ✓                              | ✓       |        |         |         | ✓           |               |
| Older Plant                    |                   |                                | ✓       | ✓      | ✓       |         | ✓           |               |
| <b>Cattleya</b>                |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   |                                | ✓       | ✓      |         |         | ✓           |               |
| Older Plant                    |                   |                                |         | ✓      | ✓       | ✓       |             | ✓             |
| <b>Paphiopedilum</b>           |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| Older Plant                    |                   |                                |         | ✓      | ✓       |         |             |               |
| <b>Den-Phalae</b>              |                   |                                |         |        |         |         |             |               |
| 5cm pot                        | ✓                 |                                |         |        |         |         |             |               |
| 2nd potting                    |                   | ✓                              | ✓       | ✓      |         |         |             |               |
| 3rd potting                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Epidendrum</b>              |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   |                                | ✓       |        |         |         |             |               |
| Older Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Odontoglossum Alliance:</b> |                   |                                |         |        |         |         |             |               |
| <b>Odontoglossum</b>           |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   | ✓                              | ✓       |        |         |         |             |               |
| Older Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Oncidium</b>                |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   | ✓                              | ✓       |        |         |         |             |               |
| Older Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Masdevallia</b>             |                   |                                |         |        |         |         |             |               |
| Young Plant                    | ✓                 | ✓                              | ✓       |        |         |         |             |               |
| Older Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Miltoniopsis</b>            |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   | ✓                              | ✓       |        |         |         |             |               |
| Older Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Miltonium</b>               |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   | ✓                              | ✓       |        |         |         |             |               |
| Older Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Zygopetalum</b>             |                   |                                |         |        |         |         |             |               |
| Young Plant                    |                   |                                | ✓       |        |         |         |             |               |
| Older Plant                    |                   |                                | ✓       | ✓      |         |         |             |               |
| <b>Calanthe</b>                |                   | ✓                              | ✓       | ✓      |         |         |             |               |
| <b>Bulbophyllum</b>            |                   | ✓                              | ✓       | ✓      |         |         |             |               |
| <b>Laelia</b>                  |                   |                                | ✓       | ✓      | ✓       | ✓       |             |               |
| <b>Pleione</b>                 | ✓                 | ✓                              | ✓       |        |         |         |             |               |
| <b>Vanda</b>                   |                   |                                |         | ✓      | ✓       | ✓       | ✓           | ✓             |
| <b>Vanilla</b>                 | ✓                 | ✓                              | ✓       |        |         |         |             |               |