## **READY to RUN**

## **ANEMOMETER ANALYSIS**

The conditions and consistent measurements of NZB's Breeze Ups give prospective buyers a major advantage when it comes to statistical and video analysis.

An anemometer is used to determine the force and direction of the wind throughout the day. The force and direction of the wind during the time of the horses' breeze, is recorded in metres per second and noted as either a headwind (H) or crosswind (C). This reading is displayed on the NZB website against each juvenile's Breeze Up as indicated in the red circle below.

| DESCRIPTION     | WIND SPEED   | LAND CONDITION  | WIND DIRECTION | Rea                  |
|-----------------|--------------|---|----------------|----------------------|
| Light breeze    | 1m/s to 2m/s | Wind felt on exposed<br>skin. Leaves rustle.<br>Wind vanes begin to<br>move.  | H = Head Wind  |                      |
| Moderate breeze | 3m/s to 4m/s | Small branches begin<br>to move, light flags<br>extended.                     | C = Cross Wind | Foaled               |
| Strong Breeze   | 5m/s to 6m/s | Branches of a<br>moderate size move.<br>Small trees in leaf<br>begin to sway. | T = Tail Wind  | Si<br>Li<br>19       |
| High Wind       | 7m/s to 8m/s | Whole trees in motion,<br>umbrella use becomes<br>difficult.                  |                | D<br><b>Si</b><br>20 |

