PJM RACING - 2-y.o Ratings Program

1. System Requirements and Installation

Please follow the installation instructions carefully, otherwise the program will not work correctly. The software needs Windows 95 or higher to run. The package is provided free of charge to all subscribers, and the latest version can be downloaded from the 2yo page of the PJM Racing web site.

To install the software please follow these instructions:

Download the self-extracting software file, p2yo_01.exe, from the www.pjmracing.com web site. Choose save to disk and note the location where it is saved on your PC. When the download is complete open Windows Explorer (not internet explorer) and locate the p2yo_01.exe file. Double-click the file and it will self-extract. Though it may provide a choice of destination folders please allow it to create, and extract, to the default folder c:\pmay\two.

Once this has been completed locate the c:\pmay\two folder in Windows Explorer and run the program by double-clicking on the 2yoProg.exe file or use the desktop icon.

The password for the demonstration version is: 1234

2 General Description

2.1 Creating a Race - Selecting the Horses

Selecting the runners which comprise a race is very easy. Simply scroll down the list box, top left of the screen, until you locate the runner you wish to include, then click on the select button. A new window will open and ask for the weight the horse is set to carry. Complete this box and press OK. The weight needs to be input as it appears in the press, i.e. 9-00 for nine stone, 8-06 for 8 stone 6lbs. If the correct weight is already shown in the box simply click the OK button or press enter. The horse and weight will now be shown in the ratings grid. Alternatively, click in the horse box and type the first few characters of the animal's name, then click on the inverted black triangle. The box will automatically scroll to the position in the file relating to the letters you typed. There are other methods for framing the race such as the *import* facility which is discussed later.

2.2 Creating a Race – Adding Unraced Horses

It is quite probable that the list of horses will not contain an animal you wish to include. Only horses that have raced will be listed. To select an unraced horse click on the Unraced menu, then on Horse. This opens another window and asks for more information. Enter the name of the horse, the weight, then select from the c, f, g menu depending on the gender of the horse. Now select the trainer. If the trainer is not listed simply select the Not Listed option at the top of the list. Finally select the sire (or Not Listed, the first item) then press OK. If you wish to amend any of these details simply click on the horse name in the ratings grid then right click the mouse and choose the *Sire + Trainer Input* option.

2.3 Entering the Race Details and Date

Above the ratings grid is a small display box which will state the "No Race Details Have Been Entered". To enter the race details simply double-click on this box and complete the menu boxes. This is only required if you are going to use the Forecast module or have rules defined. Similarly the date box (lower left corner of the main screen) should display the **date of the race**. To amend it, simply click on the box and complete the necessary details.

2.4 Editing the Runners

Once the runners have been processed it is possible to amend the weight for each horse (for instance if it had been entered incorrectly). To do this click on the name of the horse in the ratings grid then right click the mouse. A pop-up menu will be displayed with several options. To amend 'weight carried' choose the *weight* option. Choosing *delete* will remove the runner from the race. The trainer and sire can also be changed as previously stated. This sub menu can also be used to raise the weights of all the horses in handicap races, if necessary.

2.5 Saving a Race

Once a race has been analysed it can be saved. Once saved it can be opened in another package for printing or re-examination. Also it can be imported back into the ratings program, see next section. To save a race, click on **File** then **Save As**. A dialog will open allowing you to choose the destination and file name, please use the .txt suffix.

2.6 Importing a Race

All saved races can be imported back into the program by clicking on **File** then **Import**. Consequently the races can be entered on the day before racing, saved, then re-analysed on the day itself.

3. Analysing a Race

3.1 The Process Button

The **Process** button reads the race performances file and generates the ratings and comments. So once you have selected the runners, press this button. If you wish to add more horses after processing this is permissible, select them from the list then press the process button again to recalculate the ratings. The ratings are displayed in the ratings grid together with the going and race distance associated with each performance. They can also be displayed in terms of absolute speed by checking the **Speed (mph)** option and repressing process. The resulting figures are the average speeds recorded by the runners (the final column remains as the master ratings though). Checking the **weight adjustment** option removes the allowance made for weight in the ratings, the default is to use weight carried to adjust the ratings. Pressing the Process button also generates the comments which are displayed next to the ratings box. These comments give the animal's name followed by the number of wins and runs, the pedigree and general comments relative to the horse. If the name of the horse is displayed in the grid in red, as opposed to black, it means there is missing data associated with the animal, such as a missing trainer, gender identification or sire. This can be corrected by right-clicking on the (red) name, choosing **Sire + Trainer Input**, and entering the required details.

3.2 Using the Sort Option

Once processed you may wish to sort the horses. By pressing the **sort** button the horses will be ordered by the master rating (MFig).

3.3 Race Details

Once processed, you can view the individual race details. Click once on any rating in the 3rd, 2nd, Latest or Best columns and the race details will appear in the box below the grid. The details displayed are: date, course, race distance, going, race grade, race class, finishing position/number of runners, distance beaten, and price. If the + button (lower part of the screen next to the race details box) is enabled clicking on it will show the complete race details together with the number of times each horse has run and won since the race and an estimate of the Race Strength. This figure is on a scale of –15 to 15, with a negative value indicating a weak race and a positive value indicating a strong race. Its calculation is based on the subsequent performances of the runners. Clicking on any of the horses in this new race grid it will change it first to the trainer, click again and it will change to the sire, click a third time and it will change back to the horse name.

3.4 Viewing the Complete Race

The **Complete Race** option displays the performances of all the runners on a single form to facilitate the easy comparison of the horses. Clicking on any of the races will display it in more detail.

3.5 The Summary Option

The **Summary** form is similar to the Complete Race screen in that it allows the user to view the details for all of the runners on a single page. However the layout is very different and as opposed to simply detailing the last five races for each runner it presents information such as trainer, sire. Pedigree assessment, wins to runs data, the rating (for unraced horses this is based on the trainer's and sire's profile), likely level of improvement and seasonal trainer statistics.

4. Horse Specific Information

4.1 Trainer Statistics

To generate the Trainers statistics screen, in the ratings grid click on any horse name then right click the mouse. From the pop-up menu choose **Trainer Stats** and a new form will be displayed. Select the course in which you are interested, or choose *All Tracks*, and the form will display the trainer's statistics for 2005. To get a more complete picture click on the 2001-05 radial button and the data will be updated to cover the four year period.

4.2 Sire Statistics

To generate the Sire statistics screen, in the ratings grid click on any horse name then right click the mouse. From the pop-up menu choose **Sire Stats** and a new form will be displayed. The data cover the period from 2000 to the date of the last database update.

4.3 Trainer x Sire Statistics

To generate the Trainer x Sire statistics screen, in the ratings grid click on any horse name then right click the mouse. From the pop-up menu choose **Trainer x Sire Stats** and a new form will be displayed which presents the performances of the sire's progeny trained by this trainer during the 2001-05 period. A list of the horses is also given together with average ratings, wins to runs record and average return to a level £1 staked at starting price.

4.4 The Notes Facility

To enter a note, click on any horse in the ratings grid, then right click the mouse. Choose **Add Note** and a box will be opened that invites the user to enter a note specific to this horse. Please note that the maximum length of the note should not exceed 65 characters. When the **Process** button is pressed this note will appear in the animal's comment (displayed in the yellow box). Notes can also be entered through the **Update Notes** screen available from the **OtherFeatures** drop down menu. Here the notes can also be edited.

5. General Information

5.1 Trainer Pointers

The Trainer Pointers option provides a list of trainers, and their records, at a specified course. Simply click on the **Trainer Pointers** menu option within the **OtherFeatures** drop down menu, then on the new form select the course required. A list of trainers who do well at the course will be shown.

5.2 Trainer Check

Trainer Check allows the user to select any trainer from a drop-down list, then presents detailed statistical information. To active this feature, click **OtherFeatures** then choose Trainer Check. Select a trainer from the list, and any other options then click **Analyse**.

5.3 Sire Check

Very similar to the Trainer Check. Click **OtherFeatures** then click Sire Check. Choose a Sire and click **Analyse**.

5.4 Race Strength List

Again under the **OtherFeatures** list, the Race Strength List presents all the races run so far together with their race strength indicator. Click on a race and more details are provided. This facility should enable users to identify potentially strong races and follow the horses accordingly.

5.5 Median Ratings Table

This option (**MedianRatings** menu) presents the average winning rating for the turf races during the period 2001-05. The analysis can be modified by selecting a specific track or horse gender to tailor the analysis to suit the race under consideration. It provides a guide to the likely rating a horse will need to run in order to win a specific race.

6. The Forecast Module

Once the ratings have been calculated the **Forecast** button will become active. Clicking on it will produce the machine's forecast of the likely odds for the race based on the ratings and trainer and sire trends. Furthermore, more comments will be added to the comment box relating to specific sire and trainer trends dependent on the race type.

7. Systems Analysis

7.1 Using the Systems Analyser Module

The Systems Analyser facility allows the user to generate and test a range of systems using the 2yo ratings as a key input. Click on the **SystemsAnalyser** item to activate this option. On the new screen the inputs can be changed to generate the system you wish to test. Click on the **Analyse** button to test the system, the results will be shown in the grid above. To restrict the race types, simply click on the race grade title (for example, *Stakes*) then click **Analyse**, the selected race type will then be omitted from the analysis. To reactivate it simply click on the title again before pressing **Analyse**. The output shows the number of winners, number of runners and the average return per £1 staked at starting price. Click **Graphs** to see how the system responds to changes in the other variables.

7.2 Saving Rules

Once you have found a useful system, click on the **Save as Rule** button and it will be saved. When you process a race in future these rules will be checked against the runners, and if you have a qualifier it will be shown in a box above the ratings grid on the main page. If you do not want the rules checked simply click in the **Notify System Sels.** box, the default (a tick) indicates that the system rules should be checked. Please note that at most six rules can be saved.

7.3 Using the Define/Modify Facility

Once a rule is saved, it can be modified by clicking on the **Rules** item then selecting **Define/Modify** from the menu. Select the rule you wish to modify, or choose new to add a new rule, then make the changes you require. Clicking **Save** will save the rule. If you are amending an existing rule, the original rule will be over-written.

7.4 Checking the Rules

Once the rules have been defined they can be checked by clicking **Rules** then **Check Rules** from the menu list. The check module analyses the historical data 2001-05 and the current season separately.

7.5 Deleting Existing Rules

Rules can be deleted by clicking on **Rules** then choosing **Delete Rule**.

8. Horses To Follow

The **Horses To Follow** option allows the user to add/remove horses of specific importance to a list. Adding horses can be handled manually or by the machine. The manual update requires the user to select horses from the list on the left then **Add** them to the horses to follow list on the right. The automatic/machine update selects horses which the machine believes are worth following, you can then choose to add (**AddAll**) these to your list or not. Naturally horses can also be removed from the list by clicking the appropriate button after highlighting the animal. Each time the user presses the **Process** button on the main form this list is checked and any horses in the race under review which are also on the Horses To Follow list are highlighted in the box located in the lower right hand corner of the screen.

9. Market Analyser

The Market Analyser is for use just before each juvenile non-handicap. Simply click on the options relevant to the race and then click Analyse. The report will indicate whether a profit would have been made, historically, by backing the marker leaders either to win or each way.

10. Problems and Contacting PJM Racing

If you have any problems with the software, or suggestions for improvements please do no hesitate to contact PJM Racing either through the web site or by e-mail: peter@pjmr.freeserve.co.uk

How to Get …

a horse into the ratings grid – if the horse has run before then click on the scroll down horse box on the front page of the program and locate the horse name. Then click on the select button and enter the weight carried. If the horse has not race, click on Unraced, then Horse, then enter the information required.

a race imported – click on file, then choose import. The races will be saved with a .txt extension, simply select one and click on Open.

a race saved to disk – once a race has been "processed" it can be saved to disk by clicking on file, then save as. Input the name you wish to call the file.

trainer statistics – click on the name of the horse in the ratings grid, then right-click and select Trainer Stats. On the new form select a track, or all tracks, and the analysis will appear.

sire statistics - click on the name of the horse in the ratings grid, then right-click and select Sire Stats.

trainer x sire statistics – click on the name of the horse in the ratings grid, then right-click and select Trainer x Sire Stats from the list of option.

ratings expressed as miles per hour – on the main page click on the mph radial button then press process and the ratings will be converted to miles per hour.

more race details – click on a rating in the ratings grid, then click on the + button below the grid and more race details will be displayed.

a race forecast – ensue the race has been processed, then click on Forecast. Enter the race specific details and a forecast will be made.

an odds line – ensure all the horses have been entered, then click Process then Forecast. Enter the race details and the odds line will appear.