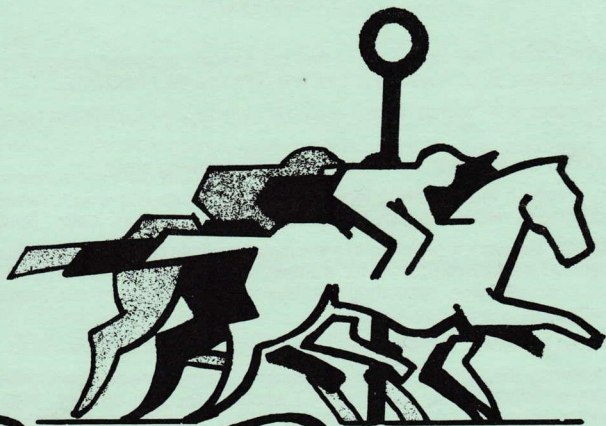

INSTRUCTION
MANUAL



Pro-Punter

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Please note that this manual is designed as a guide to using the software. Apart from the brief notes in Appendix 1, we have not attempted the marathon task of providing a comprehensive guide to the racing press. Please refer to Appendix 2 for comments on which publications to use in conjunction with PRO-PUNTER.

FOREWORD

Welcome to PRO-PUNTER. We hope that you find the package enjoyable and profitable to use. PRO-PUNTER was created as an investment tool and performs two functions:

1. As an expert system, it is programmed to apply a knowledge base to different types of race and produce a race forecast.

This first function involves it in the evaluation of the following areas:

Recent form. Position in the betting forecast. Weight ratings and weight carried. Suitability of course, distance and going in relation to past form. Statistical information. Class. Speed ratings. The draw.

.....for each horse. The work it performs in a few minutes would take many hours manually. The program does some very detailed analysis, comparing, for example, the characteristics of the current course with those where the horse has previously won, calculating the days since the horse last ran, even checking the distance the trainer has travelled.

2. Having produced a forecast, it offers investment advice based on race conditions and prices on offer.

It is worth knowing the PRO-PUNTER is programmed to evaluate race conditions before it looks at prices. Thus, on many occasions, it may advise NO BET whatever the price on offer. PRO-PUNTER is an extremely cautious investor: it won't advise you to risk your money unless there appears to be a very good chance of a return.

A major dilemma when producing the software was the amount of information it would present to the user after analysis. We decided that most users would want to see a race forecast whatever the investment advice. We also thought that some users may want 'summary screens', for example of horses best suited by distance and going. In the end we decided to include only the race forecast, partly because the system handles so much information that presenting it might be more confusing than useful, mainly because the primary role of the software is that of expert adviser: you take the advice or leave it!

The software is still under development. A results database from which the system can learn has unfortunately suffered a last-minute exclusion because of reliability problems. There is also the possibility of creating and accessing files on individual horses to alleviate keyboard input. We would be very pleased to hear your comments on the software, any features you would like to see, and of course on whether you are getting richer!

GETTING STARTED

Any investment scheme involves an element of risk and you will need a properly organised fund or 'bank' to get started with. This cannot be stressed enough: do not dash out and put next week's housekeeping on the first advice PRO-PUNTER gives you! Have you heard the story about the punter who put all his bank on a loser and had nothing left for the winner that followed? Don't let that happen to you.

There is no space here to discuss the relative merits of staking or investment plans but, unless you are a seasoned investor, we advise you to put together a fund of 50 level stakes which you can very comfortably afford. Thus 50 x 50p would require a fund of £25; 50 x £50 a fund of £2500, and so on.

Keep a separate fund and keep it well within your means and, we hope, you will enjoy yourself. Overstep your means or use the housekeeping and investment in racing can quickly become a nightmare. PRO-PUNTER is designed to help you win, but it's worth remembering that old adage: only invest what you can afford to lose.

MAKING COPIES

PRO-PUNTER performs many disk read/write operations. Inevitably, over a period of time, disk errors will occur. The system is designed so that the PROGRAM and WORK disks may be copied for personal use and we recommend that you make back-ups before using them. As the work disk only holds one forecast at a time, this has the added advantage that you may store as many forecasts as you have work disks.

The KEY disk may not be copied. In the unlikely event of this disk failing, please return it for free replacement. Please note that we will NOT feel obliged to replace KEY disks which contain no evidence of our original programming; so don't leave yours near your favourite, magnetised executive toy!

INSTRUCTIONS FOR USING THE PROGRAM

PRO-PUNTER is easy to use once you are familiar with the input procedures. We suggest that you choose a race with very few runners for your first run through the program.

Needless to say, you should always enter as much information as possible.

1. Place the KEY disk in the disk drive (drive 0 if using double drives). Hold down SHIFT and tap BREAK.
2. Load the PROGRAM disk when instructed. The system requires several disk changes and you will be prompted to do so when required.
3. After the title page, the 'start-up' conditions menu will appear. Choose option 1 to set the software for your system. These settings are remembered, so ignore this option on subsequent runs.
4. Use option 2 to access the main menu.

MAIN MENU

Your first task is to input data for the race under analysis. This is done in five stages which must be completed in the correct sequence.

Each input stage may be loaded from the main menu. ALTERNATIVELY, each stage is able to load the next, thus bypassing the main menu. At the end of each stage you will be asked:

(M)enu or (C)ontinue?

Pressing 'M' will return you to the main menu. 'C' will load the next stage.

The results menu may also be accessed from the main menu.

LIBRARY DISKS

A 'library' disk is simply any formatted disk, supplied by yourself, on which is stored information relating to trainers and jockeys. Library organisation may be as flexible as you wish: you can have just one disk for all courses (which will quickly fill-up) or even a disk for each course. A useful compromise is to organise two or three disks alphabetically: one set for the FLAT and another for the NATIONAL HUNT.

5. Choose option 1 to start the input procedure. If you are using double drives then a library disk will be required for drive one.

INPUT STAGE ONE

6. TRAINERS IN FORM. You may enter a trainers in form table from the racing press, such as that published in the 'Raceform Handicap Book'. Enter Y or N as required. Note that, if available, it is often useful to enter data which relates specifically to the type of race under consideration.

TRAINERS-IN-FORM TABLE

The table will accept up to 12 trainers in form. You may input these in any order: PRO-PUNTER will sort them out.

Enter the trainer's name. **<RETURN>**.

Enter the number of wins. **<RETURN>**.

Enter the number of runners. **<RETURN>**.

The ratio of winners to runners will be converted to a percentage.

Blank entries can be made by pressing **<RETURN>**. When the table is complete, you will be prompted for a file date, sorted records will be displayed and you will be prompted for any changes. Enter N if you are happy with the table.

Changes: If you wish to make changes then the prompt 'Change all?' will appear. Answering Y to the prompt will present you with a fresh table. If you answer N, then you will be presented with the options of changing each trainer, in turn. The program will cycle round until you are happy with your entries.

N.B. If a trainers in form table already exists on the disk then you will be asked whether you want to use this or create a new one. Creating a new one will automatically overwrite the old file. If you are not keeping separate library disks for Flat and National Hunt then ensure that you do not overwrite a file that you wish to keep. The file is called 'tinform' and will *COPY to a storage disk if required.

When analysing the form, PRO-PUNTER ignores any trainers in form file which is more than 15 days old.

7. RACE DETAILS. Enter the required details when prompted. Please note the following:

Course: Check your spelling! PRO-PUNTER does not contain a spelling-checker and will use the course name when analysing course characteristics. Thus, entering Epsom instead of Epsom could cause a major error in form-reading.

Type of race: Enter F, H, or S.

Going: Enter the number code. Note that going changes may occur overnight and may not be as printed in your paper.

Date: Anything other than a six-figure number will be rejected. Again, be accurate as PRO-PUNTER uses this to check on number of days since last ran.

Handicap or Non-handicap: Enter H or N.

YES/NO answers throughout should be represented by Y or N.

MAKING CHANGES. You are given the opportunity to change entries throughout the program without having to restart. Change options usually occur at the end of each screen.

8. THE DRAW

This will only appear if you are processing a FLAT race. Enter the appropriate number code. Be careful, there is much incorrect draw information circulating.

9. JOCKEY AND TRAINER TABLES.

These are normally available in the racing dailies.

PRO-PUNTER will check for the presence of a file on the disk. If one exists then you will be given the opportunity to use the old file or create a new one.

Each table will accept up to 10 names. Enter in any order.

JOCKEY TABLE

Enter the jockey's name. **<RETURN>**.

Enter the percentage win. **<RETURN>**.

Sorted records will be displayed and a change option offered similar to that for the trainers in form table.

TRAINER TABLE

There is a choice of two formats:

1. Accepts a PERCENTAGE figure, and is stored as a general table covering all kinds of race.

Enter the trainer's name. **<RETURN>**.

Enter the winning percentage. **<RETURN>**.

2. Accepts figures for WINS and RUNS, converting to a percentage, and is stored as a specific table relating to the type of race under analysis.

Entry format as per the trainers in form table.

The race date is added to both tables: useful when deciding whether to re-use an old one or not.

10. RACE STATISTICS

The age of last year's winner and the name of the trainer are often printed at the foot of the race card, along with the starting-price. The latter may sometimes indicate the position in the market (e.g. fav=1). Information concerning the last few seasons is normally available in the Raceform Handicap Book either in the weekend racing guide or races to come entries.

You may bypass this section by pressing <RETURN>.

INPUT STAGE TWO

11. RACECARD DATE. Simply copy details from the racecard. One screen for each horse accepts all the required information.

Note that the last three placings should be entered as three separate entities by pressing <RETURN> after each one. They should be entered in date order, just as they are on the racecard. Thus a six-figure racecard entry of 110023 would be entered as 0 2 3.

Similarly, race weight should be entered as two separate entities:

Stones <RETURN> followed by Pounds <RETURN>.

INPUT STAGE THREE

12. PREVIOUS FORM

Enter the required information when prompted. See Appendix 1 if you are unsure where to look.

Take care to enter the correct date.

NB. 'PLACED' as used in this section refers specifically to a FIRST, SECOND or THIRD finishing position on the FLAT, and a FIRST, SECOND, THIRD, or FOURTH position in NATIONAL HUNT.

13. WINNING FORM

Again, see Appendix 1.

If a horse is running for the first time this season you will be prompted to enter whether or not it won on its first run last season.

Significant information such as this is often mentioned in the sporting press race analysis. Alternatively, this information is available in any of the publications which document last year's racing.

14. COLLATERAL FORM

Any instance of one horse in the race being beaten by another should be entered, except perhaps in National Hunt racing when a horse fails to complete the course. In the latter instance you may wish to judge, from any comments printed, whether the horse would have been beaten had it not, for example, fallen.

15. BREEDING

Flat season two and three year olds only:

you will be given the option of entering distance and going information relating to wins by the horse's sire and dam.

Analysis of pedigree often appears as feature articles in the racing press. These are well worth keeping. Specialist literature also deals with this subject.

Do not worry if you have not got recourse to this information. PRO-PUNTER will do its best without it.

INPUT STAGE FOUR

16. WINNING AND PLACE FORM.

You will be prompted to enter details of winning course, going, distance and race type for all wins when a horse has won before. Where a horse has not won but has been placed (as defined in 12 above) then details of that place are required.

Input of these details is made very easy by the use of number codes which are printed to the left of course names.

Input time and effort may be further shortened by adopting the following procedure:

1. IF THE HORSE IS NOT A COURSE WINNER.

- a) Input all wins at other courses except for instances of MULTIPLE wins. If a horse has multiple wins at any other course then you need enter only one of these, unless needed to fulfil condition three below. Thus, if a horse is racing today at YORK and has five wins at BRIGHTON, only ONE BRIGHTON win need be entered.
- b) Check that condition 3, below, has been satisfied.

2. IF THE HORSE IS A COURSE WINNER:

- a) Input ALL wins at this course, whether it be two or twenty-two. Thus, if a horse is racing today at YORK then ALL previous wins at YORK should be entered.
- b) Ignore all other wins, EXCEPT at the following courses:

FLAT:

ASCOT AYR BRIGHTON CHESTER GOODWOOD HAYDOCK KEMPTON NEWBURY NEWMARKET
SANDOWN WINDSOR YORK

NATIONAL HUNT:

ASCOT AYR CATTERICK CHELTENHAM CHEPSTOW DONCASTER FONTWELL HAYDOCK KEMPTON
LINGFIELD LIVERPOOL NEWBURY NEWCASTLE SANDOWN UTTOXETER WINDSOR

- c) Check that condition 3, below, has been satisfied.

3. AT LEAST ONE WIN OVER THIS DISTANCE AND ONE WIN ON THIS GOING should be entered, if accomplished.

The above may seem complicated first time through, but with practice you will soon be 'rattling' in the win data and will know many of the course and going codes. To give a final example:

Today's race is at York over 12 furlongs on Good ground.

Horse A has 8 wins, including one course and distance win at York on good going and a win at Newmarket, but no others from the above list.

Following procedures 2 and 3 only these two wins need be entered.

If you find you just cannot get used to the quick procedure, then simply input data for all wins.

N.B. ENTERING 'P' (PASS) INSTEAD OF A COURSE CODE WILL CAUSE PRO-PUNTER TO IGNORE ANY MORE FORM ENTRIES FOR THIS HORSE AND TO MOVE TO THE NEXT HORSE.

INPUT STAGE FIVE

17. RATINGS

The program requires collateral weight and speed ratings to function at its best. We suggest that you use those used in the sporting press although you may wish to use reputable ratings from a daily newspaper, such as those published in the Daily Mail. Alternatively, you may be fortunate enough to be able to afford the excellent Timeform Ratings. You will need to discover the basis on which the ratings you are using are calculated to answer the questions on penalties, apprentice claims and weights-raised. (Note that the latter only appears if the weights have been raised.) The usual answers for ratings calculated overnight are published in a daily would be:

"....allowance for penalties added?" Y

"....allowance for apprentice claims?" N

"....allowance for weights-raised?" Y

18. POSITION IN THE S.P. FORECAST

Enter the POSITION, and NOT THE STARTING PRICE. Thus the favourite would be entered as '1', whatever the price.

Note that if three horses are put in at the same price then they all occupy the same position.

INPUT COMPLETED. At this point you have finished most of your work.

PRO-PUNTER will now transfer files to the work disk and then present you with the Workdisk Menu.

19. WORK-DISK MENU

Select options one and sit back whilst PRO-PUNTER does the hard work!

Note that two additional options allow you to make last-minute changes to the going data and/or enter non-runners. Do not forget to re-analyse the race if you use these. Removing horses from the race will alter the computer starting prices.

20. RACE FORECAST

After analysis, you will be presented with the top twelve horses in the order in which PRO-PUNTER thinks they will finish. The winner will almost always be amongst these twelve.

You will also be presented with a RATING maximum 150 and a STARTING-PRICE which in PRO-PUNTER'S assessment is a true reflection of its winning chance. Accepting a price less than that displayed would represent poor value; a price better than that displayed good value.

Press the **SPACE** bar.

Now enter the forecast price of the horse displayed, for example:

2 **RETURN** 1 **RETURN** (ie 2/1) or 13 **RETURN** 2 (ie 13/2)

PRO-PUNTER will assess and display the value on offer:

NO VALUE indicates that the price entered genuinely represents the horses chances.

INFLATED indicates a price much better than the horses chances, but about a horse with only a slim or no chance of winning: the sort of price likely to attract the 'mug' money.

Press the **SPACE** bar until all prices are entered. If you are watching T.V. or have access to teletext then you may be able to input the 'live' betting market prices.

Press the **SPACE** bar again. You will now be presented with a table containing RATINGS, COMPUTER SP, ACTUAL SP, a numerical ASSESSMENT of VALUE, and INVESTMENT ADVICE.

Needless to say, horses at good value are those of major interest. These are represented above the yellow dotted line by a number greater than zero. The higher the number, the better the value. Horses below the line with a number greater than zero represent inflated value. PLEASE REFER TO THE SECTION OF INVESTMENT CODES FOR A FULL EXPLANATION.

Press the **SPACE** bar. You will now be presented with the Results Menu.

21. RESULTS MENU

You may view the race forecast again from this menu or access one of the other menus.

The printer may also be turned on (and off) in order to print the race forecast. Please note that the program will 'hang' when displaying the race forecast if the printer status reads "ON" but your printer is switched off.

NB. The workdisk and its menus may only be accessed via the program disk. The KEY disk will not access the workdisk directly.

INVESTMENT ADVICE CODES

The advice offered will comprise one of the following:

TOP-RATED HORSE NAMED	: PRO-PUNTER considers this to have an excellent chance at value or good value odds.
HEDGE TO INCLUDE NAMED HORSE...	: the top-rated horse has a good chance but it would be wise to hedge against loss by also backing the named horse AND any others with a higher rating than the named horse.
NAMED HORSE (AVO)	: the named horse should only be backed AT GOOD-VALUE ODDS.
NO BET (R)	: R for RATINGS indicates an open race, one in which no horse is very well rated or one in which no horse is clear rated by a significant amount.
NO BET (C)	: the top-rated horse could possibly go well but is unproven over course type, distance or going.
NO BET (F)	: the top-rated horse could possibly go well but collateral form suggests that the race is best left alone.
NO BET (ID)	: insufficient data to make a reliable analysis. The most common cause of this is failure to enter a weight rating.
NO BET (H)	: the program is unhappy with the top-rated horse and cannot find a 'value' hedge.

CHOICE OF RACES:

PRO-PUNTER has been successfully tested in all types of race with differing numbers of runners, so feel free to use it when and where you wish. There are however one or two ground rules worth remembering if you wish to maximise investment returns.

1. RACES WITH 4-12 RUNNERS.

The fewer runners, the greater the odds are stacked in your favour. A theoretical four-horse race with evenly matched runners will give you a 25% chance of selecting the winner if you stick a pin in the racecard; a twenty-horse only a 5% chance. In reality, few horses are evenly matched but the general principle still applies. Processing races with between four and twelve runners will give you an excellent chance of collecting, with the added advantage of shorter processing time. We would advise you to treat three horse races with care: the pace is often slow and because these are often tactical events the form is less reliable.

2. HORSES WITH EXPOSED FORM.

PRO-PUNTER interprets form and is also able to weigh statistical evidence. If there is no form it has to rely on statistics. Thus, analysis of a race where none of the horses has ever run will obviously be less reliable than one where all have plenty of form for the current season. Many races fall within this two extremes and careful attention to the amount of available form will pay dividends.

3. HIGHER VALUE RACES AT TOP COURSES.

You can be 99% sure that all horses in a high-value race will be out to win. The animals are usually good class, the connections chasing excellent prize money. You cannot be so sure about lower value races where many runners are more suspect and connections may be plotting to land a 'touch'. The same may be true of courses, in so far as top courses may attract better animals.

REMEMBER THE FORMULA: FEW RUNNERS - EXPOSED FORM - HIGH VALUE RACES

To summarise, skilful selection of races to process can increase your returns. Given the choice between a 25 runner £1000 Maiden race at Ripon and an eight runner £10000 Listed race at Newmarket, we know which we would choose.

INVESTING WITH PRO-PUNTER

Given that you have established an investment fund or 'bank' as outlined earlier, there are several methods you can use to realise the investment potential of this software:

1. FOLLOW THE INVESTMENT ADVICE

Only investing when advised by PRO-PUNTER has been rewarded during testing with a 66% strike-rate for top-rated horses and an average greater-than-evens or 100%+ level-stake post-tax profit per race. This is undoubtedly the best way to sue the program. PRO-PUNTER has an excellent 'temperament' and only advises an investment when a horse has an exceptional change of winning at value odds.

Note, however, that the number of 'no-bets' advised will be high, simply because there is no outstanding horse in the race, as often happens, or because the form horse is usually 'clocked' by the bookmakers and is being offered at poor-value odds. The 'bookie' is out to make his profit by offering odds which are less than the horse's true change of winning. You are out to make yours by spotting the true form horse which has been overlooked in the betting market: obviously, bookmakers are not daft and this doesn't happen every day.

2. FOLLOWING THE TOP-RATED

If you are prepared to keep the bookmaker in crusts now and again, then following the top-rated horses irrespective of the investment advice has produced very respectable results during trials: 57% winners with an 80% level-stake profit on capital invested, after tax. It is worth remembering however, that (for example) a 50% strike rate does not guarantee a given PATTERN of results. A winner might be followed by a loser, or fifty winners might be followed by fifty losers. This is why an adequate investment fund is essential.

3. TOP-THREE RATED

During trials, a small but consistent return with very low losing runs was gained by placing a level stake on each of the top-three rated horses in every race: 85% strike rate and 18% level-stake post-tax profit. Better than the Building Society, with hardly any risk. If, temperamentally, you don't like losing runs then the 'top-three' may be worth a try.

REMEMBER, these results were produced with LEVEL-STAKES. A staking plan may well have increased profits, and with sufficient funds all three methods could be operated if desired.

4. LOOKING FOR VALUE

If you are an experienced racing investor then you will no doubt find the computer-generated S.P.'s most useful and may be able to back the horses offering the greatest value to good effect, irrespective of their forecast position and rating.

Finally, MORE BASIC ADVICE:

- a) BE CONSISTENT. Don't swap and change between different methods. Inconsistency is the downfall of many an investor and, you can almost guarantee, the day you switch from backing the top-three to backing only the top-rated, a third-rate will win at 25/1!
- b) KNOW YOURSELF. Temperament is a vital part of successful investment; thus for example don't try to follow the 'investment advice' model, outlined in (1) above, if you know you are going to tear your hair out or worse every time PRO-PUNTER advises 'no-bet'; don't use the 'top-rated' method (2) if you are not prepared for losing runs, and so on.

APPENDIX 1

INPUT STAGE 3. WHERE TO FIND THE FORM IN 'THE SPORTING LIFE.'

RATINGS See Page 23

RUNS THIS SEASON (8)	0U35341F OUTLAW (8-11-10) (J A C Edwards) ch g Morston — Heathfield by Hothersett. 1983-4, 2m h firm (Worcester), 2m h good (Catterick), 2m 1f h good to firm (Uttoxeter); 1986-7, 2m 74yds ch good (Southwell). £3,691 (£1,435).	TOTAL NUMBER OF WINS (4)
LAST RUN DATE (BEATEN BY LE MARSH)	<p>May 2, Market Rasen. See LE MARSH.</p> <p>April 18, Southwell, 2m 74yds nov h'cap chase, good, £1,435: 1 OUTLAW (8-10-0, inc 3lb ow. Mr M Richards, 7"), hampered 1st, progress 5th, led last, easily (5 to 2 fav op 7 to 2); 2 BRIGHT SHERRIFF (8-10-5, M Brennan, bl), hampered 1st, well placed from 5th, led two out till last, one pace (12 to 1); 3 OUR WHITE HART (7-10-4, B Croucher), led to 3rd, led 6th to next, no extra from two out (16 to 1 op 14 to 1); 13 Ran. 4l, 1½l, ½l, 10l, 7l, 4m 8.3s (a 5.3s). SR: 48/45/42/33/41/22.</p> <p>April 3, Liverpool, 2m nov chase, good to soft, £4,830: 1 Dan The Millar (8-11-13); 2 Sound Argument (8-11-7); 3 Long Engagement (6-11-7); 4 OUTLAW (8-11-3, T Morgan), soon close up, led 4th to 8th, weakened after 3 out (33 to 1 op 20 to 1); 9 Ran. 1½l, 1l, 15l, 20l, 3l, 3m 58.5s (a 2.5s). SR: 66/58/57/38/18/5.</p>	TOTAL PRIZE MONEY WON (£3691)
RUNS LAST SEASON (6) (BEFORE HYPHEN)	041030- SEDGEWELL LAD (5-10-0) (M C Pipe) ch g Proud Challenge — Meadow Nymph by Meadow Court. 1985-6, 2m 1f h firm (Taunton). £448 (---).	LAST RUN: DISTANCE (2m = 16 Fur)
RUNS THIS SEASON (0) (AFTER HYPHEN)	<p>Jan 18 1986, Warwick, 2m nov h'cap hdl, good, £1,053: 1 Aisling Geal (6-10-7); 2 Infinity Rules (5-11-7); 3 Hear No Evil (6-10-0, 4"); 0 SEDGEWELL LAD (4-10-6, R Millman), led to 4th (33 to 1); 26 Ran. Nk, ½l, 2½l, 4l, 15l, 3m 54.6s (a 13.6s).</p> <p>Dec 27 1985, Taunton, 2m 1f (3-y-o) nov hdl, heavy, £533: 1 Jimmy Lorenzo (10-9); 2 Gibbous Moon (10-9); 3 SEDGEWELL LAD (10-12, J Lower, 7"), led to 6th, stayed on same pace (13 to 2 op 5 to 1 tchd 7 to 1); 14 Ran. 3l, 10l, 20l, 12l, 5l, 4l, 4m 19.3s (a 19.3s).</p> <p>Nov 27 1985, Ludlow, 2m 5f (3-y-o) nov hdl, good to firm, £548: 1 Freeracer (10-7); 2 Ishkhara (10-3, inc 3lb ow, 7"); 3 Manelito (10-5, 7"); 7 SEDGEWELL LAD (11-5, P Leach), led 2nd to 5th, weakened 2 out (10 to 1 op 8 to 1 tchd 12 to 1); 13 Ran. 2½l, 3l, 2½l, 10l, ½l, 5m 27.6s.</p>	WEIGHT CARRIED (10 - 6)
	0015P6POP SHAKIRA GROVE (6-10-0) (M C Chapman) b m Hot Grove — Private Collection by Whistling Wind. 1986-7, 2m h soft (Leicester). £745 (£745).	RACE VALUE UNPLACED

APPENDIX 2

PUBLICATIONS REQUIRED

A copy or any reputable racing daily will contain the data and form required by PRO-PUNTER. We recommend that you use 'The Sporting Life'.

Additionally, the 'Raceform Handicap Book' is an excellent weekly publication which also contains useful statistical information.

Not usually necessary, but nevertheless useful, are volumes containing full results for the previous season, for example those published by 'The Sporting Life', Raceform Ltd., and Superform, to name three.

Please note that copyright may exist on any information appearing in the above publications. You may use it but may not be allowed to store it without prior consent

APPENDIX 3

ERROR HANDLING

PRO-PUNTER has been thoroughly tested and should be free of program errors. If you have backed-up the program and work disks as advised then disk faults should be a minor inconvenience.

Trials with the BBC version suffered occasionally from the dreaded "can't extend" when writing files to disk and on 40T disks, "disk full". These have hopefully been sorted but should such errors occur the program will try to handle them and will instruct you how to proceed. If the program 'crashes' during write operations and cannot handle the error then proceed as follows:

Can't extend:

1. *DELETE or *WIPE all unlocked files on the disk on which the error has occurred.
2. *COMPACT the disk.
3. Restart the whole input procedure.

Disk full:

1. *COMPACT the disk on which the error has occurred.
2. Re-start from the stage where the error occurred.



Please note that any investment in horse racing involves an element of risk. Figures quoted in relation to the performance of PRO-PUNTER in this document refer only to **previous trials**. We would hope that the purchaser will have equal success, but cannot in any way guarantee that this product's future performance will create an investment profit.

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