## This Manual is in two parts:

Part One - WorldFengur for Beginners (Pages 1-5)

Part Two - WorldFengur for Advanced (Pages 6-11)

# worldfengur

# for beginners

BEWARE! Do not read this article if you have tendencies to addiction. The WorldFengur (WF) program can rob you of serious time you would have spent cooking dinner, doing laundry, or mucking stalls. Once you get hooked, you'll find yourself playing with this program over and over. WorldFengur's database contains an enormous amount of information. Every day, registrars around the world add data to it. So WF is constantly updated. And that is where they hook you. So decide now before reading on — do I go down the road to obsession, or do I continue to know only my horse's first or maybe also last name? Whether you want to breed your horse, buy a horse, look up your own horse, or just browse around to look up other people's horses (a little snooping is always fun...) WorldFengur is for everyone.

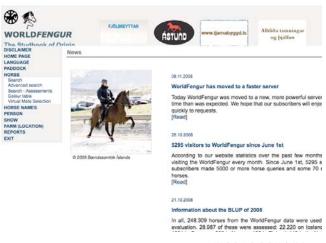
# FINDING THE CORRECT SPELLING OF YOUR HORSE

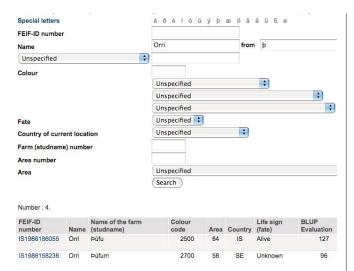
If you are uncertain about the correct spelling of your horse's name, you can look it up on its original registration papers. If your horse is also registered in your country, you also can go to their website and check. Most registries will have your registered horses listed in their data base. In the US go to www.icelandics.organd click on Breed Registry-Registered Horse Search. ou can now enter your horse's name using the US spelling, and your horse will show up with its correct spelling. It will bring up a page that has your horse's FEIF ID number in red. When you click that, it will bring you automatically to WF, if you are already logged into WF. If you are not logged in, you must first log on and then the page will open in WF.

> By Martina Gates, courtesy Tölt News USA Photos: WorldFengur

#### The WF Interface:

This is the page you will see after you have logged in. On the right you will see current news. On the left are the search links. You can click on each of them to see what you can do in WF. For now we will stay with the basic horse search.



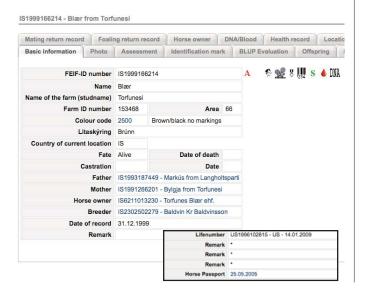


#### Lesson 1: FINDING A HORSE

Click on search under HORSE.

As you might have limited information on a horse, it is important to be able to search for information using different criteria. You do not need to fill in every field. You can find a horse by only its registration number, by its first or last name, or by the year of birth. You do not need to type in the whole name. The first few letters will usually be sufficient to narrow down the search.

It is best to explain the search form with examples. Let's look for Blær from Torfunesi. You MUST use the correct spelling of the name, otherwise the search engine will not find the horse. When you get to the letter "æ" you cannot substitute it with "ae." You can click on that letter on the form under Special letters, and it will fill in that letter for you automatically. Then click search. Blær's page will come up with all of his information.



Now try to find him by going back to *search* and enter just his FEIF registration number: IS1999166214 (do not add any spaces) then click search. Blær's page will come up.

Let's say you do not know the horse's registration number or the horse's farm name. But you know just his first name. If you type in just the first name and hit search, all the horses with that first name show up. If you are lucky, and it is an unusual name, you might find your horse right away. Chances are there will be at least 100 horses with that name. Then you might have to narrow down your search by maybe adding the country of current location or the birth year, if you know it. The birth year would have to be entered by first typing the first two letters of the country of birth, e.g. IS then comes the birth year 1999 (IS1999). Now try and find Blær. It only shows 12 horses. By looking at the criteria next to those horses, you can usually narrow it down. It tells you the color code, the country a horse is currently in, its life sign (whether it is alive), and its parents.

Let's say you want to find an offspring of a certain sire. You know the sire's name is Markús from Lagholtsparti, and all you know about the offspring is the first name. You can look up Markús from Langholtsparti and then click on the tab that says *Offspring*. It will bring up all the offspring the sire has had. Now you want to find Blær, so you click on the word *Name* and all the names will organize themselves alphabetically, so it is easy to find Blær.

The possibilities are vast. Be creative. Have fun.

#### Lesson 2: BASIC INFORMATION PAGE

Now that you have found the horse, a window will open with your horse's basic information. Along the top you will see tabs relating to all the information on your horse. In the basic information window, you will see the horse's FEIF-ID number. That is the number assigned to the horse in the country where it was born. That is not the number assigned to the horse by the country into which the horse was imported. There are special fields assigned for imported/exported horses: Lifenumber & Horse Passport. The Lifenumber is the new registration number assigned to the horse in its new country of residence. The other fields are all self explanatory. Everything in blue ink indicates that it is a link, and you can click on these to get more information on those categories.

On the right you will see a row of symbols. Not all horses have all of these symbols, but they are also links about the horse and give you a quick glance at the important information on record for a particular horse:

The red A is for quality control. It has to do with breeders registering their offspring by the end of the year the foal is born, and that there is a stallion report in place. It is only for horses bred and born in Iceland. Horses born in 2007 and later only get the A qualification if the parentage has been proven by DNA. A blue A indicates that the stallion report was absent. The A was introduced several years ago. Therefore, older horses were not subject to the quality control. Today, most horses are DNA tested for parent verification.

ad 7.5

ers 8.5

up 8.5

ns 7.5

ts) 7.5

es 8.5

on 8.08

Total 8.34

ty) 8

P The horse head logo indicates that the horse has a

a photo in the database.



The video shows that there is a film clip of the horse in the database.



The medal shows that the horse was assessed in a breeding show.



The barcode shows that the horse has an identification mark (microchip/freeze brand).

The S shows that there are remarks about the horse's health. It usually shows if the horse has been tested for Spavin. A green S means no spavin. A red S means it has Spavin. A yellow S means that it has been tested for Spavin, but the test has not been evaluated.



The red drop indicates that the horse has a blood sample on record.



The DNA indicates that the horse has a DNA marker on record.

ation Photo Assessment Identification mark BLUP Evaluation Offspring Pedigree tree Hervar from Sauðárkróki DNA IS1982151001 Otur from Sauðárkróki DNA IS1966257002 m Sauðárkróki IS1979125040 from Meðalfelli IS1983284555 Dama from búfu IS1976284554 tree ZO/FEIF IS M10

Ridden abilities

Tölt 9.5

Pace 5.5

Trot

Gallop

Character 8

Rideability 8.61

General impression 9.5

R.h.

PEDIGREE TREE

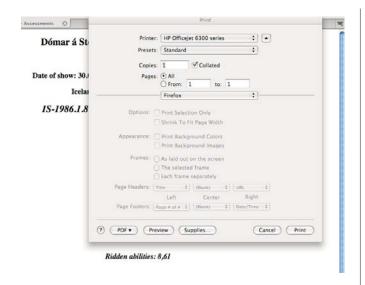
Now Let's look at some of the tabs:

Here you see two generations of pedigree - the parents and grandparents. You can click on the registration numbers of each of these horses to see their data. This is especially helpful when you are thinking of which horse to breed to and would like to know more about the ancestors. To view four generations, click on Large pedigree tree.

#### **ASSESSMENT**

Print the assessment

It will show you a list of all the assessments a horse has had in its lifetime. You can view the assessments by clicking on view. This brings up a window with the horse's scores. If you would like to print out these scores, click on Print the assessment.



#### ASSESSMENT COMMENTS

If you would like to read the comments the judge made, you also click on print assessment, but when the printer window opens just press cancel. That way you can see the comments without printing.

To go back to Blær's page use your browser's "back" button.

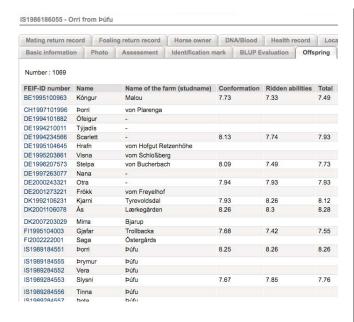


#### **BLUP EVALUATION**

This will show you the BLUP value that is calculated for every horse on every trait based on many factors. The BLUP value basically gives you an indication of the possible heritability of these traits in breeding. A score of 100 is average. The accuracy will let you know how proven these BLUP scores have been so far. Horses with more offspring will usually have a higher percentage than horses that have not been used for breeding much. The BLUP value gets adjusted twice yearly and can go up or down depending on the assessments and offspring of the horse and its ancestors.

### WF DATABASE

WorldFengur is a computer program on the Internet, which gives access to a database containing information on Icelandic horses in the membership countries of FEIF as well as horses born in Australia, Czech Republic, Hungary, Lichtenstein, Poland, Portugal, Romania, and Spain. The only things needed to access the system are a web browser and a connection to the Internet. The users have direct access to the central database - WorldFengur. Any changes of data (made by registrars) will appear instantaneously to all users, wherever they are in the world. Users need only know the proper URL for WorldFengur (www.worldfengur.com) and have their username and password to be able to use the system.







#### **OFFSPRING**

This lists all the registered offspring the horse has had as well as their assessment scores if they were assessed, their BLUP value, and if they have DNA on file. (Some of the offspring have DNA on file in the FEIF countries and have not been entered into WF yet. All US-born horses have DNA on file at the USIHC registry). All categories can be sorted by clicking on the header tab. This way you could sort all offspring by their total riding score or by their BLUP.

#### HORSE OWNER

To see who has owned the horse since birth, you can click on *Horse owner*. It will give you a list of all the previous and current owners. To see other horses these owners own, click on *Horses owned by*. This will display a list of all the horses owned by that person including information on the horses owned. The information may not always be accurate because it has been a work in progress over the last few years. Use your browser's "back" button to return to the basic information page.

#### **PHOTO**

This feature is great. It puts a "face" with all the data. Only some horses have photos, because this is a feature that horse owners have to pay for. If you click on the photo, it will enlarge. Those horses that have a video clip will also have those shown under this tab. The video function does not always work, unfortunately, and those who have slow Internet connections might not be able to view them. In any case, it usually takes a couple of seconds for the videos to load. So be patient.

Now that you have had a little taste of all the goodies you can find out about your horse or other people's horses, remember that there is life after WorldFengur. Go ride and get some fresh air. •

# advanced

# worldfengur

So you have mastered finding a horse and working through the basics in WorldFengur (WF). You are familiar with looking up the pedigree, the scores, and offspring. Now it is time to dig into WF a little deeper and see what else this magical little program can do. The possibilities are vast, and you will be surprised how much information is stored. Using the advanced features is a lot of fun and terribly addicting but look at the bright side: You will have gained so much more knowledge and can count yourself among the advancedWF users! In 2008 more than 7,000 visitors logged onto WF. Over 4,000 individual subscribers have visitedWF this year, which is a big increase in usage.



By Martina Gates, courtesy Tölt News USA Photos: WorldFengur

#### Lesson 1: ADVANCED SEARCH

Lets begin by using the Advanced Search function under the HORSE section on your left. A window will pop up that includes more features to help find a specific horse. You can now enter the dam or sire's name or registration number. There is a field where you can simply enter the year of birth, country of birth, or the gender. These fields are especially useful if you only know a horse's first name and are trying to narrow down the search. For example, you can go under HORSE to Advanced Search and enter Blær's name in the field for his first name and enter Markús in the field for sire. Then hit Leita (means search) and you will go to Blær's page. Or you might want to find out how many horses with a specific color code have been sired by a stallion. Just enter the sire's name or number and the color code and hit search. It will bring up a page with all the horses in that color by that stallion.

#### Lesson 2: ASSESSMENT SEARCH

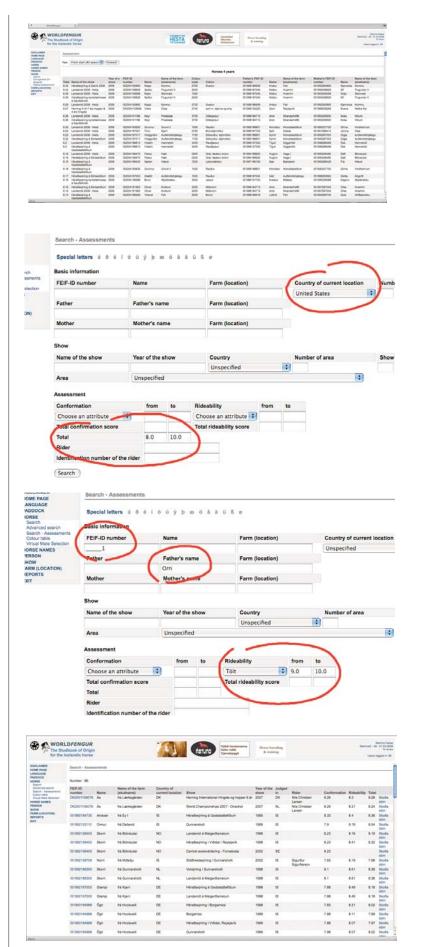
There are several different ways to search for assessments. If you select *Highest assessments* under the *SHOW* menu, you can enter the year in which you would like to view all the highest assessments.

You also have the choice to click on *Search-Assessments* under the *HORSE* menu. This will bring up a window with endless search opportunities. For example, you could search by all horses scoring 9.0 for pace. You just want to see all assessments a specific horse has received, or all horses scoring a certain score in a specific breeding show. Maybe you would like to know how many offspring of a sire have scored 8.0 or higher for tölt.

Just for fun, try this. Let's find out how many first-prize horses there are in the United States. First select the COUNTRY OF CURRENT LOCATION as "United States". Then next to TOTAL fill in the score 8.0, and next to it 10.0 just to cover all horses. Click Search and a whole page will pop up showing every horse and all the assessments they have had over 8.0. If you click on Skoða dóm behind the total score, it will bring up the horse's assessment sheet, which you can choose to print. On this page you cannot click on the header to organize the data. The data is organized by age of the horse. Stallions are listed first, then the mares.

If you want to find all the sons of Orri, for example, with a specific assessment, you would enter Orri in the field Sire's name then use "\_" (underscore) in place of any letter/number and enter the FEIF-ID number by typing: \_\_\_\_\_\_1 (or \_\_\_\_\_\_2 for mares). You need to use one underscore per letter you are leaving out (Country Code = 2, Year = 4, Total =6 underscores), and enter the assessment you are interested in. In this case, let's pick *Tölt* from the dropdown menu and enter 9.0-10.0.

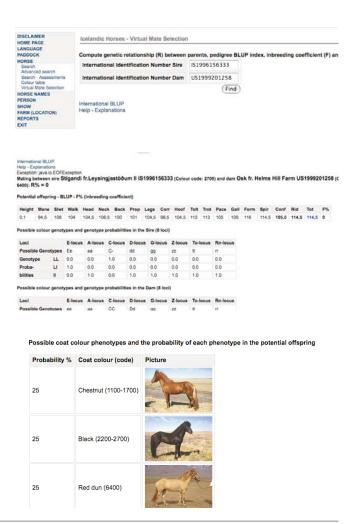
If you would like to narrow the search to all male Orri offspring born in Iceland, you would type: IS\_\_\_\_1 (IS\_\_\_\_2 for mares). The *Assessment Search* window is not complete yet. WF plans to add a search for mares or stallions, but until then this workaround does great.



#### Lesson 3: VIRTUAL MATE SELECTION

The Virtual Mate Selection (VMS) is a great tool to play with when you are contemplating breeding your horse. It calculates the dam and sire's traits and gives you an estimated outcome of the possible offspring. This tool does not take environment, training, and upbringing into consideration. It just calculates an estimate of how strong the traits are likely to be inherited. This is a fun tool that can be used in conjunction with the pedigree, scores, and viewing current offspring. It will also give you a possible color prediction, but this is often inaccurate. To do a VMS, write down the sire and dam's registration numbers. Under the HORSE menu, click on the Virtual Mate Selection and enter these numbers in their respective fields (no spaces or dashes). Press Find. The program will do the rest for you.

If the parents are too closely related, and there is a possibility of inbreeding, the program will show a red number in the inbreeding coefficient. The higher the BLUP percentage is of the parents, the more accurate the prediction will be. This is also an interesting tool if used retrospectively.



#### NEW ICONS FOR DNA IN WORLDFENGUR $\sigma$



WF subscribers may have noticed that there are three new icons for DNA in WF indicating that a parentage check through DNA has been carried out by WF. These symbols appear in the data of horses whose DNA-markers have been registered in WF, and whose registered ancestry has been checked by WF with nothing refuting it. The combined symbol indicates that nothing refutes the ancestry on either side. If there is only a female symbol or a male symbol, this indicates that nothing refutes the ancestry on the side of the dam or the sire.

The regular DNA symbol indicates that a lab number is known in WF for the horse's DNA, but no DNA markers have been registered. Once markers are regis-

tered, and the ancestry has been checked by WF, one of the new symbols will appear behind the regular DNA symbol.

DNA and parent verification has now been entered into WF for most US-born horses. DNA has been entered for most imported horses as well as their life number (the US registration number for imported horses). So now, you can see directly in WF if a horse has been registered in the United States or not.

Please note the following. Should a parentage check in WF show that the ancestry registered for a horse could not be correct, the studbook association that has registered the horse will be contacted by a standard procedure. The horse's owner will be given the opportunity to respond, e.g. in case the ancestry

was registered incorrectly in the first place. If, however, it turns out that the results of DNA testing do not support the registered ancestry within a reasonable degree of certainty, as a rule, the ancestry in WF will be corrected. Removing a registered parent poses no problem for horses born in Iceland, but it is more complicated for horses bred and born outside of Iceland. (Il horses born in Iceland are purebred Icelandics. Horses born in the United States could have been crossbred.) If the parent in question cannot be traced by DNA, the horse and its offspring will be removed from WF. Only purebred Icelandic horses, whose ancestry can be traced back to Iceland in registration, can be registered in the studbook of origin.

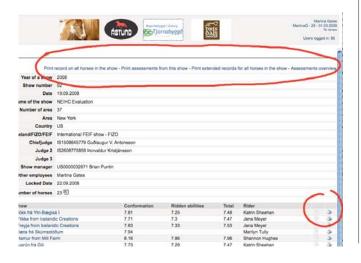






DISCLAIMER





#### **REPORTS**

If you would like to narrow your search down to reports on a specific horse, select Basic report under RE-PORTS. Let's say you would like to see a list of the highest assessed offspring of a horse. Simply enter its FEIF ID number, then select List of Offspring and then Offspring with highest assessment, click FORWARD and the horse's basic information will show up listing the offspring with the highest scores. If you select Breeding evaluation under REPORTS, a window will open that is supposed to allow you to enter a BLUP value and select specific criteria to narrow your search down. Unfortunately, this search function is not yet fully functional. You can select mare or stallion, enter a BLUP value from -to, change the number of horses in the report, and select the *country of current location*. You cannot, at this point, use the *sort* drop-down menu, you cannot change ascending to descending order, and you cannot enter the *number of judged offspring*. Hopefully, these will be fixed in the coming months.

#### **SHOWS**

To view information on breeding shows, click on SHOW on the left side of the screen then choose SEARCH. It will then be possible to look for a particular show by entering either the year of the show or the name of the show as well as the country in which the show was held. If the search was successful, all the shows that met the search criteria will appear in the table. To view information on a particular show in more detail, select the show you are interested in. When the show is displayed, all the horses shown will be listed alphabetically. You can change that order by clicking on the header of the search criteria you are most interested in. For example, if you would like to have the horses listed by highest score to lowest score, simply click on *Total* and the table will reorganize. The page icon behind every horse's data brings up the score sheet. The printer icon sets up the score sheet for printing. If you are interested in collected data of all horses, printing functions are available along the top of the page: Print record on all horses in the show -Print assessments from this show - Print extended records for all horses in the show - Assessments overview. In Assessments overview, you can even click on the small Excel icon on the top of the page, and it will allow you to download the data to your computer.

#### PERSON SEARCH

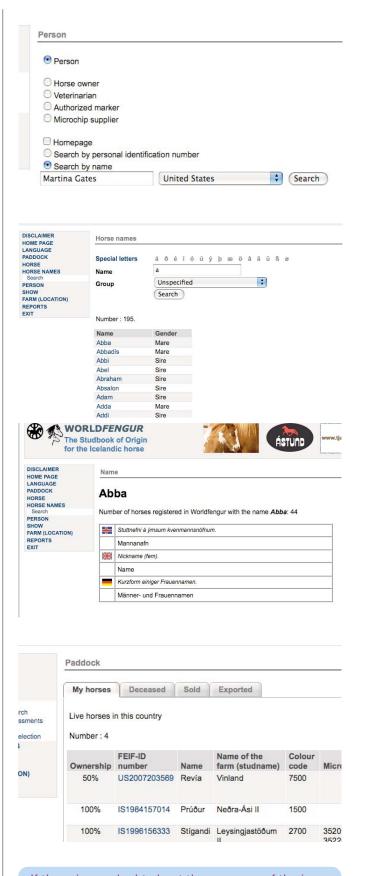
In the PERSON search you can find several search criteria. You can either just search for a person, a horse owner, a veterinarian, an authorized marker (like a microchip or freeze brand), or a microchip supplier. You can search either by entering the personal identification number or by entering the person's name. You can narrow the search by selecting a country, but you do not have to. Unfortunately, this page does not give you the option of entering Icelandic letters, which would be beneficial for those living outside of Iceland because it often is hard to enter names with Icelandic letters. Once a name has been found, you can click on it, and it will show you contact information. There is currently no function in which you can update your contact information directly in WF. You would have to contact registrars in your countries and ask them to update it.

#### HORSE NAME SEARCH

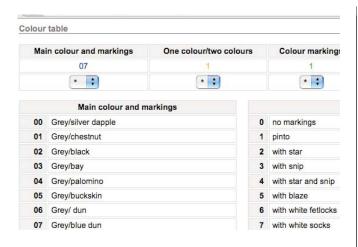
This is a fun feature that allows you to find out what the names mean, and how many horses have that name. If you select a category from the Group section and hit Search, it will give you a list of names and specify if they are male or female. Names highlighted in blue allow you to click on them, and a window will open with the explanation and translation. Unfortunately, not all letters are working yet. WF hopes to complete the name database within the next six months. Only the following beginning letters are functioning right now: a, b, d, e, f, l, ο, p, y, á, é, ό, ý, þ.

#### PADDOCK

The Paddock is a new feature that was set up so you can see immediately a list of all the horses you own. The page is split into four tabs: My Horses, Deceased, Sold, and Exported. It will give you current information on your horses. If you would like to make a correction to any of information on the horses you own, simply click on the speech bubble icon all the way to the right, and a window will open that allows you to send a comment on that horse to WF. If you check *Please send this remark/cor*rection to the registration office, it will also be sent to your country's registrar. This is a great feature to keep WF updated and current. If horse owners wish to have their registration certificates updated, they can send them directly to the USIHC Registry. I suggest you check your horses' status in WF and make any corrections needed.



If there is any doubt about the accuracy of the information you find in WF, you should contact the registrar of your home country for the definitive information.

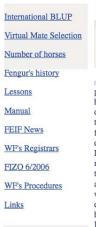


dFengur Store

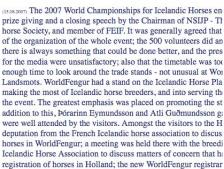
Sophie and Shine

Kelly McKain New £3.99

Best £0.52



Breeding Shows



News and Announcements

Complete Horse Care

New £11.19

Best £8.00

#### WF COLOR TABLE

If you are in the process of registering your foal and need to find the color code for your horse, simply go to *HORSE – Color table* in the menu on the left. It will bring up a window with all the color possibilities and their codes. You can enter the color and markings above and then hit *Photo*. You will see a variety of photos showing the color combination you picked.

### OTHER INFORMATION

On the *HOME PAGE* you will see any news relating to WF. On the upper right hand corner you will see the link *Other information*. This brings up another window showing more News and Announcements. Here you can also read up on WF's history or the International BLUP.

#### **Prepositions Added to Farm Names**

In February 2009, WF added the possibility for registrars to pick the preposition that needs to go with a farm name. In several countries, e.g. Germany, France and the Netherlands, more than one preposition are used and therefore this option was built into WF to accommodate the registrars. The change was made so that the preposition remains unchanged, no matter which language you choose in WF. ©

# THE MAGIC SYMBOL: %

When searching for information in WF, one symbol is "magic." The symbol is %. This magic symbol is basically a placeholder. It is used to find all horses with some data in this field. However, please take care when using the magic symbol. You always have to narrow down the search condition when using the symbol. Otherwise, you will get a list of all horses registered in WF!

For instance, if you wish to find all sires born in Iceland that have been marked with a microchip, you do the following: Choose the main menu item *Horse* and the sub menu *Search*. Type in IS20001 in the field *FEIF-ID number*. Then you choose *Microchip* in the options pull-down menu, and finally you type in the magic symbol % in the field to the right of the pull-down menu. The result, as of the end of February 2009, is a list of 2,000 horses.

## WF ACCESS

Here is the great news! Some FEIF member countries include free access to WorldFengur for the duration of your FEIF association membership. This is a great deal, because WF access for the year usually costs more than your FEIF association membership.

#### Member countries that offer free access to WF (2009):

Austria (www.oeiv.org),

Denmark (www.islandshest.dk),

Finland (www.islanninhevonen.net),

France (www.chevalislandais.com),

Germany (www.ipzv.de),

Great Britain (www.ihsgb.co.uk),

Netherlands (www.nsijp.nl),

Norway (www.islandshesten.no),

Slovenia (www.islandski-konji.com),

Switzerland (www.ipvch.ch).

Sweden (www.icelandichorse.se),

USA (www.icelandics.org)