



Profit From Genetic Progress

Bull Search 2.0

Customer User Guide

WHAT'S INSIDE

- Navigation instructions
- Helpful hints
- Customization options
- Saved sire lists

Be prepared to revolutionize the way you select genetics for your individual goals and management styles.

Utilize ABS's **Custom Index** to help you focus on profitable traits to advance and accelerate your progress through genetic selection.

Use the **Sire Selection** guide to incorporate your custom index into that genetic selection process and find those genetics that fit your needs and goals.

Save **sire lists** for easy access across multiple devices to create efficiency at your fingertips. Simply share your lists with your local representative or with your employees.

Bull Search 2.0 supports you in accelerating your **Profit From Genetic Progress**.

Contact your local ABS representative for additional information.

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▶ Home Page

To access Bull Search 2.0, use the following link in Chrome, Firefox, Edge, or Safari browsers:

<https://absbullsearch.absglobal.com>

*Bull Search 2.0 is not supported in Internet Explorer.

The screenshot shows the Bull Search 2.0 Home Page interface. It features a search bar at the top left, a criteria selection section, and several user action buttons. Red circles with numbers 1 through 8 are overlaid on the page to highlight key features:

- 1**: Search for an individual bull.
- 2**: Select your criteria (Bull Availability List, Category, Breed, Genetic Proof).
- 3**: ABS Employee Log In.
- 4**: Log In.
- 5**: Sign Up.
- 6**: Custom Index.
- 7**: Sire Selection.
- 8**: Resources.

Helpful Hints

- Log in to Bull Search 2.0 to save work, stay organized, and be more efficient.

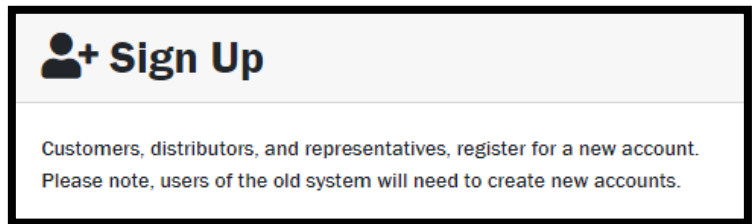
Bull Search 2.0 allows users to login and set up the application for country and sire set.

- An Individual Bull**- Search an individual bull by NAAB, registration number, or name.
- Select Your Criteria**- Select options from the dropdown menus to view actively marketed sires for your country.
- ABS Employee Log In**- Use Single Sign On capabilities when connected to VPN or an ABS network.
- Log In**- Log in to authorized rep, distributor, and customer accounts.
- Sign Up**- Sign up for an authorized rep, distributor, or customer account.
- Custom Index**- Create a custom index based on customer goals and needs.
- Sire Selection**- View sires based on set up inputs.
- Resources**- User guides and additional resources available.

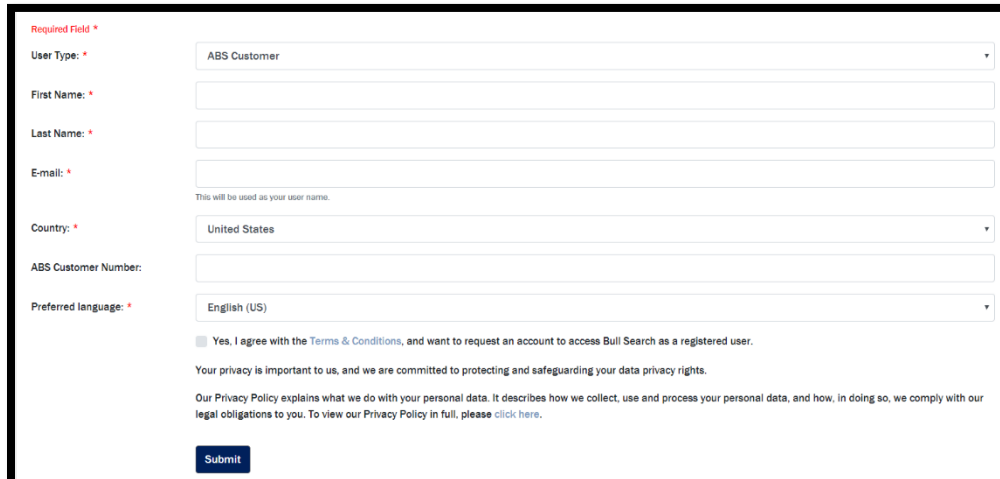
Login

Sign Up for Account

Login to save work and access additional features. Anyone can create an account. Select **Sign Up**.



Complete registration form to create an account. Verify the correct user type is selected from the drop-down menu.



Required Field *

User Type: *

First Name: *

Last Name: *

Email: *

This will be used as your user name.

Country: *

ABS Customer Number:

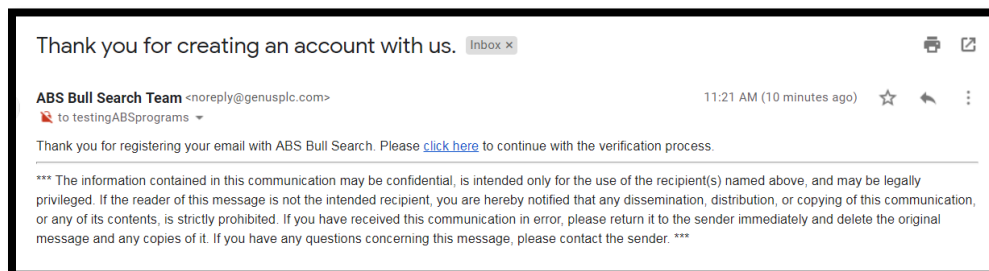
Preferred language: *

Yes, I agree with the [Terms & Conditions](#), and want to request an account to access Bull Search as a registered user.

Your privacy is important to us, and we are committed to protecting and safeguarding your data privacy rights.

Our Privacy Policy explains what we do with your personal data. It describes how we collect, use and process your personal data, and how, in doing so, we comply with our legal obligations to you. To view our Privacy Policy in full, please [click here](#).

An automated e-mail is sent for account verification. Follow the directions in the e-mail to complete the verification process. Check spam folder if e-mail has not been received.



Helpful Hints

- Log in to access data across multiple devices.

▶ Login cont.

Set up password to access account.


You are now a verified ABS Bull Search user. Please set up a password for the next time you login.

<p>Old Password</p> <input type="password"/>	<p>Password must follow these rules:</p> <ul style="list-style-type: none">Contains one or more numbersContains one or more lower case lettersContains one or more upper case lettersContains one or more special charactersContains eight or more charactersNew password matches the confirmed passwordNew password must be different than old password
<p>New Password</p> <input type="password"/>	
<p>Confirm New Password</p> <input type="password"/>	
<p>Change Password</p>	

Upon account creation limited access is granted and use of the “Log In” button is available.

Sign In

Sign into created account via **Log In**.

 **Log In**

Customers, distributors, and representatives, use your new registration information to log in.

Enter username and password used to create the account.

Login to ABS Bull Search

Username

Password

Login

Need help?

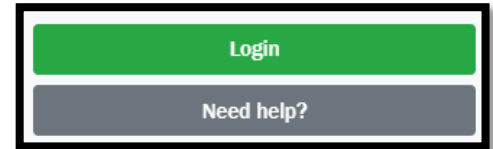
Forgot Password

Select **Log In** and proceed to **Need help?**



Log In

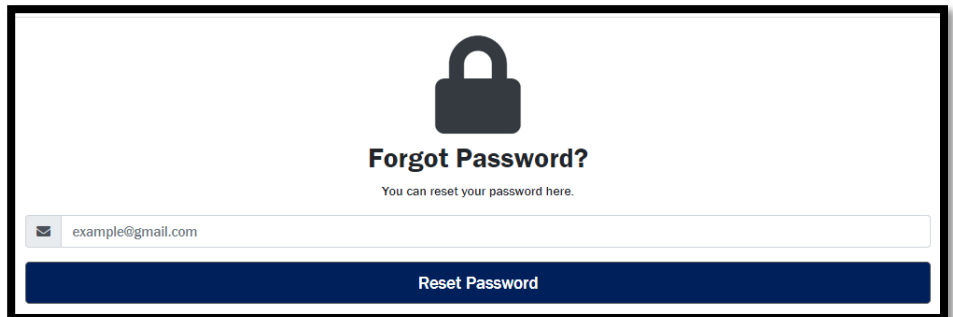
Customers, distributors, and representatives, use your new registration information to log in.



Login

Need help?

Enter the e-mail associated with the account and select **Reset Password**.



Forgot Password?

You can reset your password here.

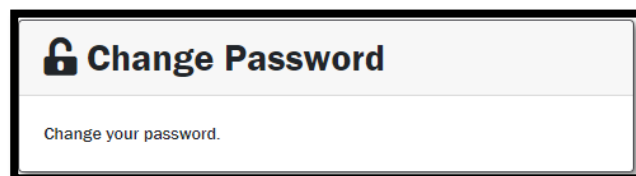
example@gmail.com

Reset Password

Check e-mail for a link to reset the password. E-mail link will need to be opened in a supported web browser. If your default web browser is Internet Explorer, right click on the link and copy the link. Paste this into a supported web browsers web address line.

Change Password

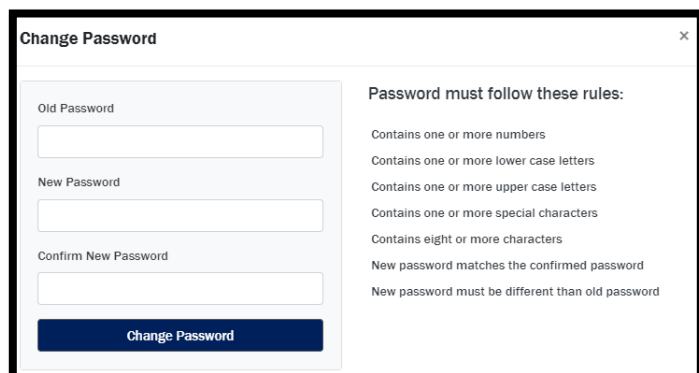
Select **Change Password** after logging in.



Change Password

Change your password.

Enter your old password followed by a new password. Re-enter your new password to confirm the new password. Click **Change Password**.



Change Password

Old Password

New Password

Confirm New Password

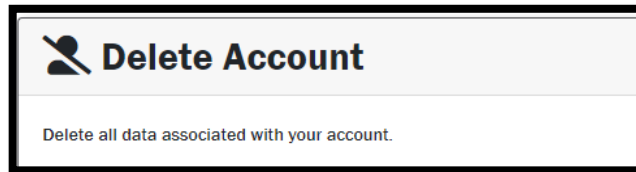
Change Password

Password must follow these rules:

- Contains one or more numbers
- Contains one or more lower case letters
- Contains one or more upper case letters
- Contains one or more special characters
- Contains eight or more characters
- New password matches the confirmed password
- New password must be different than old password

Delete Account

Select **Delete Account** to completely remove your account and all data in the account.



Enter your current password and select **Yes** to confirm.

! Are you sure you want to delete your account?

Password: *

Please enter your password to confirm.

Your privacy is important to us, and we are committed to protecting and safeguarding your data privacy rights.

Our Privacy Policy explains what we do with your personal data. It describes how we collect, use and process your personal data, and how, in doing so, we comply with our legal obligations to you. To view our Privacy Policy in full, please [click here](#).

▶ Save Name

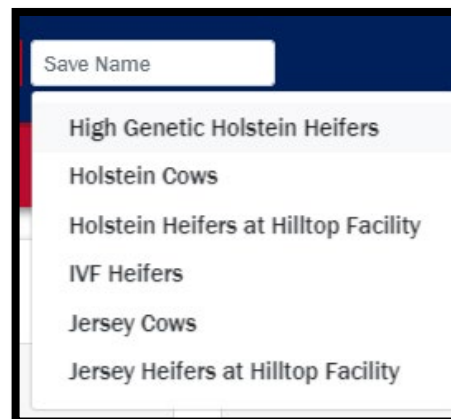
Save Name appears in the blue bar at the top of the page. The Save Name is a unique identifier used to save information. To stay organized use the same type of ID for all herd sub sections. Save name must be entered or selected prior to entering or changing information or the data is not saved.

Helpful Hints

- *Save Names allow you to save information directly in Bull Search 2.0 for multiple sections of your herd (cows versus heifers, Holsteins versus Jerseys, or different farm locations).*



Use the drop-down menu to recall the last saved data.



▶ Custom Index

The three ways to create a Custom Index are:

1. Guided Solution
2. Presets
3. Manual Selection

Step 1

Select an option from each menu below.

Milk Price: Fat & Protein

Cow Size: Smaller

Fitness Focus: General Health

Conformation Focus: Functional

Step 2

Rank the importance on a scale from 0-10.

Production: 9

Health & Fitness: 6

Conformation: 5

Step 3

Calculate!

Total: 100% [Get My Index](#)

Reset

Milk: -7

Production 45%: Fat 16

Fitness 30%: SCS 4, SSB 1

Type 25%

Prot: 22

PL: 9, HCR: 1, LIV: 5, SCE: 1, UDC: 3, BD: -2, FA: 0, UD: 2, FLC: 3, DF: -2, FLS: 0, FTP: 0, BWC: 0, RA: 0, FUA: 0, RTP: 2, PTAT: 0, TW: -2, RUH: 0, TL: 0, STA: -7, RLS: 0, RUW: 0, CDN MS: 0, STR: -2, RLR: 0, UC: 0, CDN MT: 0, DPR: 5, DCE: 2, CCR: 1, DSB: 1

Guided Solution

Use the guided solution to auto populate the custom index in three steps.

Step 1 select options that best fit long-term goals.

Step 2 prioritize the production, health, and conformation traits.

Step 3 click **Calculate** to populate index values.

Step 1

Select an option from each menu below.

Milk Price: Fat & Protein

Cow Size: Smaller

Fitness Focus: General Health

Conformation Focus: Functional

Step 2

Rank the importance on a scale from 0-10.

Production: 9

Health & Fitness: 6

Conformation: 5

Step 3

Calculate!

Manually adjust index values to better fit needs and goals.

Total: 100% [Get My Index](#)

Reset

Milk: -7

Production 45%: Fat 16

Fitness 30%: SCS 4, SSB 1

Type 25%

Prot: 22

PL: 9, HCR: 1, LIV: 5, SCE: 1, UDC: 3, BD: -2, FA: 0, UD: 2, FLC: 3, DF: -2, FLS: 0, FTP: 0, BWC: 0, RA: 0, FUA: 0, RTP: 2, PTAT: 0, TW: -2, RUH: 0, TL: 0, STA: -7, RLS: 0, RUW: 0, CDN MS: 0, STR: -2, RLR: 0, UC: 0, CDN MT: 0, DPR: 5, DCE: 2, CCR: 1, DSB: 1

Select **Get My Index** to move to the sire list.

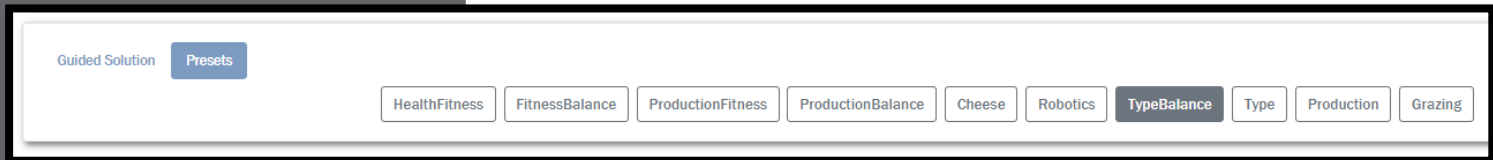
Helpful Hints

- Guided Solution and Presets are a way to estimate your needs, but manual adjustments can be made in the index portion of the page.

▶ Custom Index cont.

Presets

Select one of ten different preset options to align your goals with.



The index values automatically populate. Adjust index values to align with your needs and goals.

The screenshot displays the 'Custom Index' configuration interface. At the top, it shows 'Total: 100%' and a 'Get My Index' button. Below this, there are several sections of index values, each with a 'Reset' button. The sections are: Milk (-7), Production 45% (Fat: 16, Prot: 22), Fitness 30% (SCS: 4, DPR: 5, CCR: 1, HCR: 1, SCE: 1, SSB: 1, DCE: 2, DSB: 1), and Type 25% (UDC: 3, FLC: 3, BWC: 0, PTAT: 0, STA: -7, STR: -2, BD: -2, DF: -2, RA: 0, TW: -2, RLS: 0, RLR: 0, FA: 0, FLS: 0, FUA: 0, RUH: 0, RUW: 0, UC: 0, UD: 2, FTP: 0, RTP: 2, TL: 0, CDN MS: 0, CDN MT: 0).

Select **Get My Index** to move to the sire list.

Manual

Advanced users may choose to go directly to the Index Values section and fill in index values to meet goals. Select **Get My Index** to move to the sire list.

Helpful Hints

- Values within Custom Index are required to add up to 100%.
- Clicking on the name of the trait provides a definition.

Livability

Represents the additional percentage of cows that avoid dying on the farm, permitting producers to recoup disposal income.

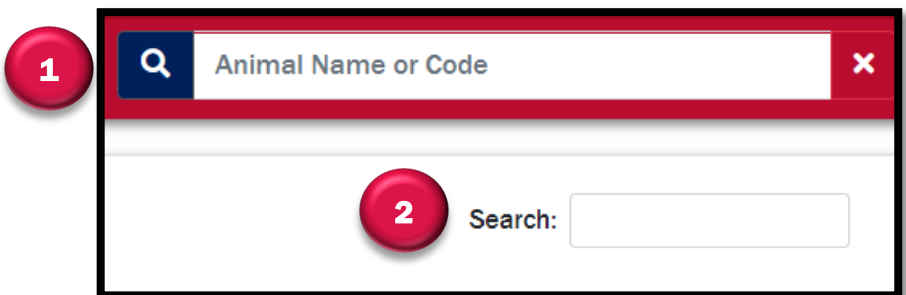
▶ Sire Selection

Select the appropriate Bull Availability List, Category, Breed, and Genetic Proof from the drop-down menus at the top of the page. This page should reflect selections made on the home page.



Searching for Sires

There are **two search features** in the Sire Selection module.



1. **Complete Bull Search**- Search for bulls in the ABS bull database including competitors.
2. **Current Bull Search**- Search bulls currently marketed.

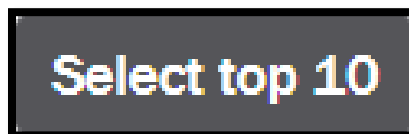
Sorting and Viewing Individual Sires

Click data headers to sort sires.

View a sire page with production, health, and conformation traits by selecting the **NAAB** number or **Code Name**. Pedigree information, registration information, and images are also available.

Selecting Sires

Click **Select top 10** or individually select sire(s) to save. Click **Save To My Bulls**.



<input type="checkbox"/>	↑↓	↑↓	My Index	↑↓	NAAB	↑↓	Code Name	↑↓
<input checked="" type="checkbox"/>			1167		29H018764		ATTICUS	
							ACHIEVER x SUPERSHOT	

Helpful Hints

- Click on column headers to sort the sires by traits.

Sire Selection cont.

Compare Bulls

Click **Compare Bulls** to view only sires that are selected and to populate an average.

☐	↑↓	↑↓	My Index ↑↓	NAAB ↑↓	Code Name ↑↓	Milk ↑↓	Pro ↑↓	Fat ↑↓	Pro% ↑↓	Fat% ↑↓	PL ↑↓	SCS ↑↓	DPR ↑↓	PTAT ↑↓	SCE ↑↓	Bull Fertility Conver
			Avg. 1242			1422	56	92	0.05	0.14	7.6	2.71	3.4	1.19	6.2	★★★★☆
✓			1301	29H018764	ATTICUS ACHIEVER x SUPERSHOT	1589	57	89	0.03	0.10	7.8	2.56	2.8	1.24		
✓	ICM ONE	X	1281	29H018693	CRIMSON SPECTRE x RUBICON	1609	66	115	0.06	0.19	7.3	2.72	2.6	1.07	6.3	
✓	X		1256	29H018634	TORQUE SKYFALL x FAIRFAX	1303	49	92	0.03	0.15	7.9	2.49	2.8	0.67	7.2	
✓			1218	29H018682	COLORADO MODESTY x YODER	782	42	83	0.07	0.19	7.8	2.92	5.0	1.40	6.4	
✓	X		1217	29H018586	NEWMAN RAIDEN x SUPERSHOT	2110	58	58	-0.02	-0.07	8.6	2.62	3.7	1.26	6.1	★★★★☆
✓	ICM ONE	X	1216	29H018611	SKYWALKER JEDI x CABRIOLET	1629	75	86	0.09	0.09	7.1	2.86	4.5	1.34	4.9	
✓	ICM ONE		1206	29H018296	ACHIEVER YODER x ALTAEMBASSY	931	48	119	0.07	0.30	6.8	2.78	2.7	1.33	6.4	★★★★☆

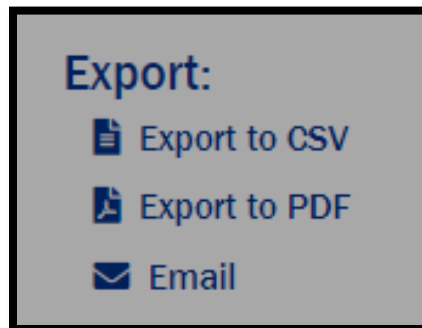
Advanced Customization

Complete Sire Selection screen customization through the gear icon on the left side of the screen.



Helpful Hints

- Use the dropdown menu to change the number of sires.

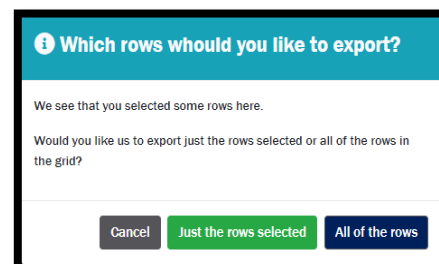


There are three **Export** options:

- Export to CSV-Sire file will open in excel
- Export to PDF-non-editable document
- Email-send a link

Use **Export to CSV** to open sire data in an Excel file.

- Sort sires on appropriate data column in Sire Selection grid.
- Select sires to include in Excel file or none to export all.
- Click Export to CSV.



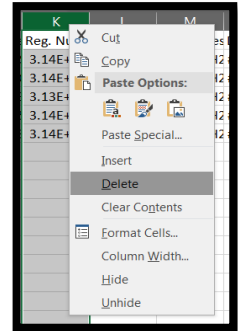
Helpful Hints

- *Printing multiple sires per page is only available for the US base Holsteins and Jerseys and the UK base Holsteins and Friesians.*
- *Printing multiple sires per page is not currently supported on Apple devices.*

Create a customized sire list with data through Export to CSV by filtering, sorting, and selecting the sires to include. Click Export to CSV to download an Excel file.

In the Excel file, remove any columns not used.

1. Select the letter above the column.
2. Right click.
3. Select Delete.



Use **Print** to save bull PDFs or print **multiple sires per page**.

1. Sort sires on appropriate data column in Sire Selection grid.
2. Filter and select the sires to include. Examples could be including or excluding Icon sires, Sexcel, St Jacobs, A2A2, or polled.
3. Click Print.



4. Select Criteria and Click Print.

Genetic Summary: A cover page with sire averages.

Bulls per Page: Options for 1, 3, or 6 bulls depending on breed and base.

Select Images Before Printing: The ability to select the image displayed for each bull. You must click Print in the top right corner of the screen after you have selected the images to display.

Destination: Select Save as PDF to retain a digital copy. Select a printer to produce paper copies.

Headers and footers: Select if a date, page number, web address, and title should appear on each page.

Background graphics: Unselect this option for less color on pages.

Helpful Hints

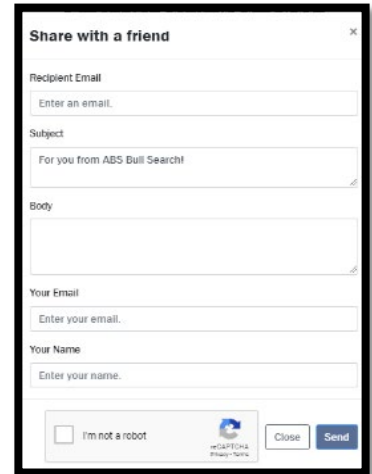
- Switch Save Names and select *Recalculate My Index*, to calculate the index for the last Custom Index saved.

Recalculate My Index

Use **Email** to send a link for the Bull Search Sire Selection grid to a recipient.

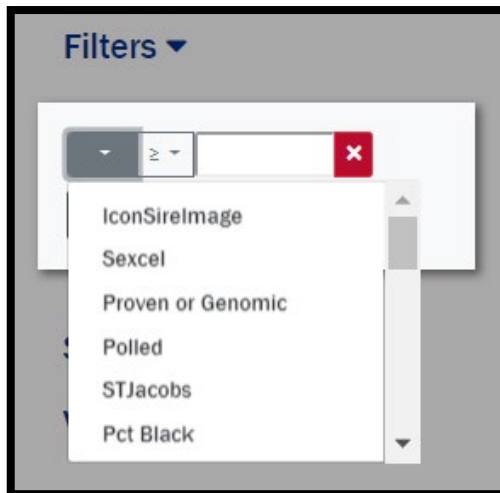
- Select sires to send to recipient.
- Click Compare Bulls.
- Select E-mail.
- Complete the pop-up form.

*Use Chrome, Firefox, Edge or Safari to open the link as Internet Explorer is not supported.



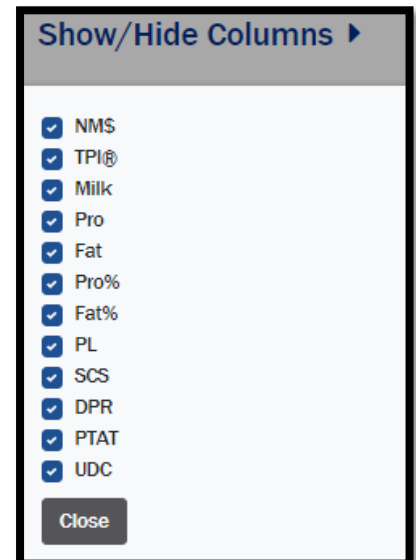
The screenshot shows a 'Share with a friend' pop-up window. It contains the following fields: 'Recipient Email' with a placeholder 'Enter an email.', 'Subject' with a placeholder 'For you from ABS Bull Search!', 'Body' with a placeholder, 'Your Email' with a placeholder 'Enter your email.', and 'Your Name' with a placeholder 'Enter your name.'. At the bottom, there is a checkbox for 'I'm not a robot', a CAPTCHA logo, and 'Close' and 'Send' buttons.

Use **Filters** to narrow the sire list. For best results limit filters to two or three.



Available filters include: *Icon Sires, Sexcel, Proven or Genomic, Polled, St Jacobs, Percent Black, Beta Casein, Kappa Casein, NAAB, genetic traits, Bull Fertility, TransitionRight, Recessives/Haplotypes, and Pedigree.*

Use the **Show/Hide Columns** to view the traits that align with the customer's genetic strategy.




Helpful Hints


- *Sorting by Date Added or Date Saved is a great way to see bulls of interest over time.*
- *Bulls are denoted as Sexcel by country list to represent sire product marketing.*

▶ My Bulls

Navigation

There are two options to navigate to My Bulls.







Click on the  to select the My Bulls module from the home page.

Click on the  to select the My Bulls module from the navigation pane.

My Bulls

View the bulls you have saved by Save Name in My Bulls. Genetic Proposals can be created from your My Bulls lists based on bull availability.

Navigate To:

-  Home
-  Custom Index
-  Sire Selection
-  My Bulls
-  Saved Selections
-  Resources

View







Sires must be saved from the Sire Selection page to view in My Bulls.

My Bulls

5 [← Go Back](#)

Show entries 2 Delete 3 4 Search:

Showing 1 through 9 of 9 entries

<input type="checkbox"/>	↑↓ Bull	↑↓ Name	↑↓ Full Name	↑↓ Breed	↑↓ Date Added	↑↓ Date Saved	↑↓
<input type="checkbox"/>	 29HO18812	ADVISOR	PINE-TREE ADVISOR-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	 29HO18772	ATRIUM	DENOVO 7921 ATRIUM-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	 29HO18682	COLORADO	MR TERRA-LINDA COLORADO-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	 29HO18693	CRIMSON	ABS CRIMSON-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	 29HO18836	GOOGLE	DENOVO 14417 GOOGLE-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	1 29HO17553	JOSUPER	UECKER SUPERSIRE JOSUPER-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	29HO18864	OSCEOLA	DENOVO 14521 OSCEOLA-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	 29HO18611	SKYWALKER	BOMAZ SKYWALKER-ET	HOLSTEIN	2018-12-13	2018-12-13	
<input type="checkbox"/>	29HO18925	TENUOUS	ROSYLANE-LLC TENUOUS-ET	HOLSTEIN	2018-12-13	2018-12-13	

Showing 1 through 9 of 9 entries Previous 1 Next

1. **Bull ID**- View individual sire pages.
2. **Show Entries**- Customize number of sires in view.
3. **Delete**- Select sires to remove.
4. **Search**- Find bulls in list.
5. **Go Back**- Return to the Sire Selection screen.

▶ Saved Selections

Navigation

There are two options to navigate to **Saved Selections**.

Click on the  to select the Saved Selections module from the home page.

Click on the  to select the Saved Selections module from the navigation pane.







Helpful Hints

- Login with any device to view saved data.

Saved Selections

Do you want to look at what you have saved for all your Save Names? Saved Selections links to all your saved data in one place.

Navigate To:

-  Home
-  Custom Index
-  Sire Selection
-  My Bulls
-  Saved Selections
-  Resources

View

All Save Names will be listed with their last saved Custom Index and My Bulls.


Saved Selection						← Go Back
Save Name	Custom Index	My Bulls	Save Date	Last Updated		
<input type="checkbox"/> Jersey Heifers at Hilltop Facility		View	2018-12-13	2018-12-13		
<input type="checkbox"/> Jersey Cows			2018-12-13	2018-12-13		
<input type="checkbox"/> IVF Heifers	View	View	2018-12-13	2018-12-13		
<input type="checkbox"/> Holstein Heifers at Hilltop Facility			2018-12-13	2018-12-13		
<input type="checkbox"/> Holstein Cows			2018-12-13	2018-12-13		
<input type="checkbox"/> High Genetic Holstein Heifers	View	View	2018-12-13	2018-12-13		

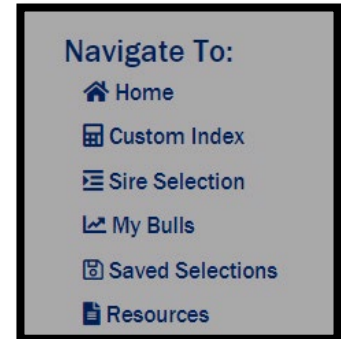
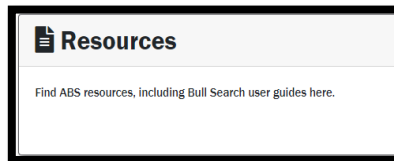
The Save Date is the original date the file was created. Last Updated is the date the file was last updated.

▶ Resources

There are two options to navigate to **Resources**.

Click on the  to select the Resources module from the home page.

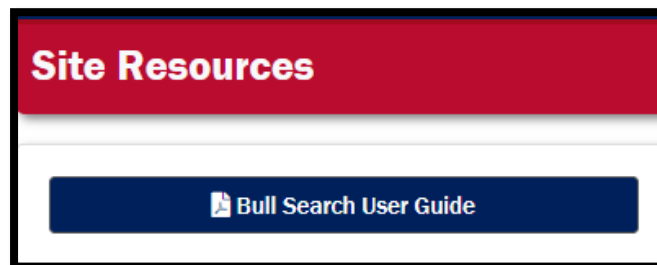
Click on the  to select the Resources module from the navigation pane.



Helpful Hints

- Click the ABS logo in the upper left corner of the webpage to return to the Bull Search 2.0 homepage.

A list of resources will be available.



For more assistance, e-mail ABS.BullSearch@genusplc.com or contact your local ABS representative.