Website review
musabase.org

The score is 41/100

SEO Content

	Title	MusaBase **Length : 8** Ideally, your title should contain between 10 and 70 characters (spaces included). Use this free tool to calculate text length.
❌	Description	**Length : 0** Very bad. We haven't found meta description on your page. Use this free online meta tags generator to create description.
❌	Keywords	Very bad. We haven't found meta keywords on your page. Use this free online meta tags generator to create keywords.
❌	Og Meta Properties	This page does not take advantage of Og Properties. This tags allows social crawler's better structurize your page. Use this free og properties generator to create them.

	Headings

H1	H2	H3	H4	H5	H6
0	2	106	97	0	0

- [H2] Individual Crosses:
- [H2] Group of Crosses:
- [H3] Thank you :-)
- [H3] Breeding programs
- [H3] Phenotyping
- [H3] East African Highland
- [H3] bananas project & Partners
- [H3] New to the database?
- [H3] This workflow will guide you through tissue sampling an experiment
- [H3] At which level do you plan to keep track of your sampling?
- [H3] Select a field trial
- [H3] Plant entries in your field trial
- [H3] Create tissue sample entries for this trial
- [H3] Complete! You have all the entities you need to conduct your sampling.
- [H3] Complete! You have all the entities you need to conduct

your sampling.
- [H3] This workflow will guide you through uploading a new trial or trials into the database
- [H3] Enter information about the experiment and upload your trial layout
- [H3] Is your trial linked with other field trials, genotyping plates, or crossing experiments in the database? If you are unsure, you can skip this. This information can be added from the trial detail page after the trial is saved.
- [H3] Fixing the missing accession(s) problem
- [H3] Trial Upload Error Messages
- [H3] Fixing the missing seedlot(s) problem
- [H3] Trial Upload Error Messages
- [H3] Submit your trial again. You should have corrected all errors by now, but if not please take a look at the errors in the red box below. You can continue to modify your file and then click Upload until it works.
- [H3] There exist these problems in your file:
- [H3] Finished! Your trial is now in the database
- [H3] Finished! Your trial is now in the database
- [H3] This workflow will guide you through designing a new trial in the database
- [H3] Enter basic information about the trial
- [H3] Design your trial layout
- [H3] Is your trial linked with other field trials, genotyping plates, or crossing experiments in the database? If you are unsure, you can skip this. This information can be added from the trial detail page after the trial is saved.
- [H3] Specify the number of rows and columns for the entire field
- [H3] If you want to change the way in which plot names will be generated by the database
- [H3] Review the generated trial layout. Make sure to click Submit at the bottom of this page if you approve of the trial!
- [H3] Complete! Your trial was saved in the database.
- [H3] Complete! Your trial was saved in the database.
- [H3] This workflow will guide you through uploading genotypes into the database
- [H3] Select the type of genotyping data being uploaded
- [H3] Select the genotyping project or create a new one. A genotyping project is a specific genotyping event. You can have many genotyping projects under the same genotyping protocol to indicate that those genotyping events used the same markers.
- [H3] Provide info about the genotyping protocol used. The genotyping protocol represents a specific instance of how genotypes were called for a set of markers in a genotyping platform. Many genotyping projects can use the same genotyping protocol.
- [H3] Provide genotype information
- [H3] Finalize and submit your genotyping data
- [H3] Complete! Your genotyping data was saved in the database.
- [H3] This workflow will guide you through adding a genotyping plate in the database
- [H3] Select a genotyping project

SEO Content

- [H3] Provide info about your plate
- [H3] Provide information about the wells in your plate
- [H3] You want to upload an existing plate layout
- [H3] You want to upload a Coordinate Android Application file.
- [H3] You want to upload a Custom Android Application file.
- [H3] You want to design a completely new plate.
- [H3] Is your genotyping plate linked with field trials in the database? This information can also be added from the genotyping plate detail page once the trial is saved in the database.
- [H3] Finalize and submit your genotyping plate
- [H3] Complete! Your genotyping plate was saved in the database.
- [H3] Complete! Your genotyping plate was saved in the database.
- [H3] What is a seedlot inventory?
- [H3] Make sure you are collecting seedlot inventory in the following format
- [H3] Select your file and upload seedlot inventory
- [H3] Fixing the missing seedlot(s) problem
- [H3] Seedlot Inventory Upload Error Messages
- [H3] Submit your inventory again. You should have corrected all errors by now, but if not please take a look at the errors in the red box below. You can continue to modify your file and then click Upload until it works.
- [H3] There exist these problems in your file:
- [H3] Finished! Your seedlot inventory is in the database
- [H3] Finished! Your seedlot inventory is in the database
- [H3] The trial was saved to the database with no errors!
- [H3] What are seedlots?
- [H3] Seedlots fall into two categories
- [H3] Make sure your file matches the correct file format
- [H3] Provide basic information about the seedlots and upload your file
- [H3] Fix all errors in your file
- [H3] Seedlot Upload Error Messages
- [H3] Submit your seedlots again. You should have corrected all errors by now, but if not please take a look at the errors in the red box below. You can continue to modify your file and then click Upload until it works.
- [H3] There exist these problems in your file:
- [H3] Finished! Your seedlots are now in the database
- [H3] Finished! Your seedlots are now in the database
- [H3] Add the missing accessions to a list
- [H3] Introduction
- [H3] Select a crossing experiment for your crosses
- [H3] Enter basic information about the crosses and upload your file
- [H3] Additional options:
- [H3] Finished! Your crosses are now in the database
- [H3] Finished! Your crosses are now in the database
- [H3] What is a cross?
- [H3] Select a crossing experiment
- [H3] Enter basic information about the cross
- [H3] Enter basic information about the cross
- [H3] Optional: If you choose to record exact cross parents, you

can do so.

- [H3] Optional: If you choose to record exact cross female parent, you can do so.
- [H3] If you would like to add auto-generated progeny names for this cross, you can add it here
- [H3] Optional:
- [H3] Finished! Your cross is now in the database
- [H3] Finished! Your cross is now in the database
- [H3] What are crossing experiments?
- [H3] Enter basic information about the crossing experiment
- [H3] Finished! Your crossing experiment is now in the database
- [H3] Finished! Your crossing experiment is now in the database
- [H3] Your Lists
- [H3] Elements not found:
- [H3] Optional: Add Missing Accessions to A List
- [H3] Mismatched case
- [H3] Multiple mismatched case
- [H3] List elements matching a synonym
- [H3] Multiple synonym matches
- [H3] Your Datasets
- [H3] Elements not found:
- [H3] Login
- [H3] Forgot Username
- [H3] Reset Password
- [H3] Create New User
- [H4] Old browser version detected
- [H4] This site is best viewed with:
- [H4] What are you interested in? For General Help
- [H4] Upload an experimental field trial into the database that you have saved on your computer in Excel
- [H4] Design a completely new experimental field trial in the database
- [H4] Catalog your available seed inventory into the database
- [H4] Upload phenotypic data into the database that you have saved on your computer in Excel
- [H4] Plan tissue sampling
- [H4] Upload crosses and crossing information into the database
- [H4] Print barcode labels for my experiment (for your plots or plants or tissue samples in the field, or for your 96 well plate and tissue samples)
- [H4] Analyze phenotypic performance across trials
- [H4] Prepare a 96 or 384 well plate for a genotyping experiment
- [H4] Upload VCF genotypic data
- [H4] Tissue Sampling
- [H4] Field trial is not relevant for the type of tissue sampling you selected. Go to next step.
- [H4] Plant entries not relevant for the type of tissue sampling you selected. Go to next step.
- [H4] Plant entries exist for this trial. Go to next step.
- [H4] Please create plant entries for this trial.
- [H4] Field trial tissue sample entries not relevant for the type of tissue sampling you selected. Go to next step.
- [H4] Tissue sample entries exist for this trial. Go to next step.
- [H4] Workflow for seedlot inventory
- [H4] I have new seedlots that need to be added into the

database.

- [H4] I conducted an inventory (in weight(g)) and want to update the database to reflect the current state of the inventory.
- [H4] Workflow for uploading phenotypes
- [H4] Workflow for trial barcoding
- [H4] Workflow for comparing one or many trials
- [H4] Upload Existing Trial(s)
- [H4] Upload Template Information
- [H4] Upload Template Information
- [H4] Upload Trial Metadata
- [H4] Upload Trial Metadata Template Information
- [H4] Design New Trial
- [H4] Which accessions will be in the field?
- [H4] Which crosses will be in the field?
- [H4] Which family names will be in the field?
- [H4] Number of Plants:
- [H4] Number of Columns (required):
- [H4] Number of columns between two check columns (Optional):
- [H4] Which seedlots will you grow in the field? This is optional and can be decided later. If you do not know exactly which seedlot packets you will be planting at this time, you can add this information on the Trial Detail Page after the trial has been saved in the database.
- [H4] Add Field Management Factor to Design
- [H4] Add Field Management Factor to Design
- [H4] Partially Replicated Design Usage Help
- [H4] Background:
- [H4] Design Parameters:
- [H4] NOTE:
- [H4] Upload Genotypes
- [H4] Upload VCF Template Information
- [H4] Upload Intertek Template Information
- [H4] Upload Tassel HDF5 Template Information
- [H4] Upload SSR Marker Info Template Information
- [H4] Upload SSR Marker Info Error
- [H4] Success
- [H4] Upload SSR Protocol (Marker Info)
- [H4] Upload SSR Data Template Information
- [H4] Upload KASP data Template Information
- [H4] Add Genotyping Plate
- [H4] Upload Template Information
- [H4] Upload Template Information
- [H4] Upload Template Information
- [H4] Upload Seedlot Inventory
- [H4] Upload Template Information
- [H4] Upload Seedlots
- [H4] Upload Template Information For Named Accessions
- [H4] Upload Template Information For Harvested Seedlots
- [H4] Create New Seedlot
- [H4] OR
- [H4] Add Accessions
- [H4] Upload Accessions Template Information
- [H4] Accessions to be Added
- [H4] Fuzzy Matches

SEO Content

- [H4] Found Accessions
- [H4] Accessions Saved
- [H4] Upload Crosses
- [H4] Upload Crosses File Error
- [H4] Template Information
- [H4] Add New Cross
- [H4] Template Information
- [H4] Success
- [H4] Add New Crossing Experiment
- [H4] Please Note: Website Data Usage Policy
- [H4] MusaBase adheres to the Toronto agreement on prepublication data release
- [H4] Featured Publication
- [H4] Public Lists
- [H4] List Contents
- [H4] List Validation Report: Failed
- [H4] Fuzzy Search Results
- [H4] Synonym Search Results
- [H4] Available Seedlots
- [H4] Public Datasets
- [H4] Dataset Contents
- [H4] Dataset Validation Failed
- [H4] Your Calendar
- [H4] Add New Event
- [H4] Event Info
- [H4] Edit Event
- [H4] Working
- [H4] Progress

❌	Images	We found 49 images on this web page. 41 alt attributes are empty or missing. Add alternative text so that search engines can better understand the content of your images.
✅	Text/HTML Ratio	Ratio : **36%** Ideal! This page's ratio of text to HTML code is between 25 and 70 percent.
✅	Flash	Perfect, no Flash content has been detected on this page.
✅	Iframe	Great, there are no Iframes detected on this page.

SEO Links

✅	URL Rewrite	Good. Your links looks friendly!

SEO Links

❌	Underscores in the URLs	We have detected underscores in your URLs. You should rather use hyphens to optimize your SEO.
✅	In-page links	We found a total of 121 links including 14 link(s) to files
⊙	Statistics	External Links : noFollow 0% External Links : Passing Juice 28.1% Internal Links 71.9%

In-page links

Anchor	Type	Juice
order	Internal	Passing Juice
MusaBase	Internal	Passing Juice
Wizard	Internal	Passing Juice
Accessions and Plots	Internal	Passing Juice
Organisms	Internal	Passing Juice
Progenies and Crosses	Internal	Passing Juice
Field Trials	Internal	Passing Juice
Genotyping Plates	Internal	Passing Juice
Genotyping Data Projects	Internal	Passing Juice
Genotyping Protocols	Internal	Passing Juice
Accessions Using Genotypes	Internal	Passing Juice
Traits	Internal	Passing Juice
Markers	Internal	Passing Juice
Images	Internal	Passing Juice
People	Internal	Passing Juice
FAQ	Internal	Passing Juice
FTP Data	Internal	Passing Juice
User Roles	Internal	Passing Juice

In-page links

Breeding Programs	Internal	Passing Juice
Locations	Internal	Passing Juice
Accessions	Internal	Passing Juice
Seed Lots	Internal	Passing Juice
Crosses	Internal	Passing Juice
Field Trials	Internal	Passing Juice
Genotyping Plates	Internal	Passing Juice
Tissue Samples	Internal	Passing Juice
Field Book App	Internal	Passing Juice
Phenotyping	Internal	Passing Juice
Barcodes	Internal	Passing Juice
Label Designer	Internal	Passing Juice
NIRS	Internal	Passing Juice
Markerset	Internal	Passing Juice
Download	Internal	Passing Juice
Upload	Internal	Passing Juice
ODK Data Collection	Internal	Passing Juice
Identifier Generation	Internal	Passing Juice
Stored Analyses	Internal	Passing Juice
Compare Trials	Internal	Passing Juice
Graphical Filtering	Internal	Passing Juice
Selection Index	Internal	Passing Juice
Genomic Selection	Internal	Passing Juice
Accession Usage	Internal	Passing Juice
Mixed Models	Internal	Passing Juice
Heritability	Internal	Passing Juice
Stability AMMI	Internal	Passing Juice
GWAS	Internal	Passing Juice

In-page links

BoxPlotter	Internal	Passing Juice
Image Analysis	Internal	Passing Juice
BLAST	Internal	Passing Juice
Ontology Browser	Internal	Passing Juice
Compose a New Trait	Internal	Passing Juice
Musa acuminata genome	Internal	Passing Juice
Nematode screening	Internal	Passing Juice
Weevil screening	Internal	Passing Juice
Sigatoka resistance screening	Internal	Passing Juice
Xvm resistance screening	Internal	Passing Juice
FOC-R1 resistances screening (Glasshouse)	Internal	Passing Juice
Phenotyping for FOC-R1	Internal	Passing Juice
Phenotyping for Sigatoka	Internal	Passing Juice
Phenotyping for BXW	Internal	Passing Juice
Sigatoka and Fusarium Collection	Internal	Passing Juice
About	Internal	Passing Juice
Contact	Internal	Passing Juice
Cite Musabase	Internal	Passing Juice
Manual	External	Passing Juice
Video tutorials	External	Passing Juice
Database statistics	Internal	Passing Juice
Forum	Internal	Passing Juice
Twitter	External	Passing Juice
Facebook	External	Passing Juice
Design and create breeding trials	Internal	Passing Juice
Upload accessions	Internal	Passing Juice
Make crosses	Internal	Passing Juice
Manage trials tutorials @ SGN	External	Passing Juice

In-page links

Use search & list tutorials @ SGN	External	Passing Juice
MGIS	External	Passing Juice
Search accessions	External	Passing Juice
Search germplasm collection	External	Passing Juice
Taxonomy browser	External	Passing Juice
The banana (Musa acuminata) genome and the evolution of monocotyledonous plants	External	Passing Juice
Browse the banana genome	External	Passing Juice
BLAST search	External	Passing Juice
Download reference genome	External	Passing Juice
NARO Uganda	External	Passing Juice
Mueller lab @BTI	External	Passing Juice
For General Help	External	Passing Juice
Single Trial Design	Internal	Passing Juice
Multiple Trial Designs	Internal	Passing Juice
Inventory	External	Passing Juice
Using Lists	Internal	Passing Juice
Uploading a File	Internal	Passing Juice
data usage policy	Internal	Passing Juice
Zoom Link	External	Passing Juice
NARO: New Banana Breed Are Disease Resistant	External	Passing Juice
See all news...	Internal	Passing Juice
Genomic Prediction in a Multiploid Crop: Genotype by Environment Interaction and Allele Dosage Effects on Predictive Ability in Banana	External	Passing Juice
See all publications...	Internal	Passing Juice
BreedBase Workshop at PAG 32	External	Passing Juice
PAG 32	External	Passing Juice
See all events...	Internal	Passing Juice
BTRACT	External	Passing Juice

In-page links

Breeding Better Bananas Project	External	Passing Juice
Southgreen Banana Genome Hub	External	Passing Juice
MGIS	External	Passing Juice
Musapedia	External	Passing Juice
Farm Radio	External	Passing Juice
IITA banana program	External	Passing Juice
Ugandan banana research portal	External	Passing Juice
Product profiles	Internal	Passing Juice
Int'l Society for Tropical Root Crops	External	Passing Juice
PDF	Internal	Passing Juice
Documentation	External	Passing Juice
Videos	Internal	Passing Juice
'+response[i].title+'	Internal	Passing Juice
'+d.seedlot[0]+'	Internal	Passing Juice
'+d.contents[0]+'	Internal	Passing Juice
" + event.title + "	Internal	Passing Juice
" + event.property + "	Internal	Passing Juice
" + event.event_url + "	Internal	Passing Juice
Export	External	Passing Juice
directory search	Internal	Passing Juice

SEO Keywords

Keywords Cloud	field file upload trial number name database plot genotyping information

Keywords Consistency

Keyword	Content	Title	Keywords	Description	Headings

Keywords Consistency

trial	159	✖	✖	✖	✔
file	139	✖	✖	✖	✔
database	107	✖	✖	✖	✔
name	95	✖	✖	✖	✔
field	86	✖	✖	✖	✔

Usability

	Url	Domain : musabase.org Length : 12
✔	Favicon	Great, your website has a favicon.
✖	Printability	We could not find a Print-Friendly CSS.
✖	Language	You have not specified the language. Use this free meta tags generator to declare the intended language of your website.
✖	Dublin Core	This page does not take advantage of Dublin Core.

Document

✔	Doctype	XHTML 1.0 Transitional	
✔	Encoding	Perfect. Your declared charset is UTF-8.	
✖	W3C Validity	Errors : 38 Warnings : 52	
✖	Email Privacy	Warning! At least one email address has been found in the plain text. Use free antispam protector to hide email from spammers.	
✖	Deprecated HTML	**Deprecated tags**	**Occurrences**
		<center>	110

Document

		<u>	2

Deprecated HTML tags are HTML tags that are no longer used. It is recommended that you remove or replace these HTML tags because they are now obsolete.

	Speed Tips	
		✖ Attention! Try to avoid nested tables in HTML.
		✖ Too bad, your website is using inline styles.
		✖ Too bad, your website has too many CSS files (more than 4).
		✖ Too bad, your website has too many JS files (more than 6).
		✔ Perfect, your website takes advantage of gzip.

Mobile

	Mobile Optimization	
		✖ Apple Icon
		✔ Meta Viewport Tag
		✔ Flash content

Optimization

	XML Sitemap	Missing
✖		Your website does not have an XML sitemap - this can be problematic.
		A sitemap lists URLs that are available for crawling and can include additional information like your site's latest updates, frequency of changes and importance of the URLs. This allows search engines to crawl the site more intelligently.

	Robots.txt	http://musabase.org/robots.txt
✔		Great, your website has a robots.txt file.

	Analytics	Great, your website has an analytics tool.
✔		Google Analytics