



Evaluation of the Usability and Features of AGRIS 2.0

January 2014

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Background

AGRIS (International System for Agricultural Science and Technology) is a database with more than 7.7 million structured bibliographical records on agricultural science and technology. The database is curated by FAO, and its content is provided by more than 150 participating institutions from 65 countries. With its search system, AGRIS helps scientists, researchers and students to perform sophisticated searches by keywords from the AGROVOC_thesaurus, by agricultural journal title or by country, institution, or author.

The AGRIS team has recently released the AGRIS 2.0, the merge of the traditional bibliographic AGRIS search engine with OpenAGRIS, a pilot application based on the AGRIS RDF-ization. AGRIS uses Linked Open Data methodologies to link bibliographic records to other datasets on the web with the objective to enrich the information provided in AGRIS records. Currently AGRIS interlinks to datasets like DBpedia, World Bank, FAO Geopolitical Ontology, Nature OpenSearch, and Biodiversity International, using AGROVOC. More than 180 million triples have been generated so far.

Today AGRIS has become a reference portal to search and find resources related to agricultural research, and excellent use model to showcase the benefits of integrating LOD in traditional contexts like bibliographic databases.

Objective

In order to continue improving AGRIS and adapting the integration of existing information resources according to user requirements, the AGRIS team conducted in December 2013/January 2014 a survey on the usability of AGRIS 2.0 (released on December 5th, 2013) and its functionalities.

The survey was sent to AGRIS and AIMS community members covering a big range of profiles from information management specialists, librarians and software developers, to researchers and students. 35 surveys have been completed by participants with the aforementioned backgrounds and have been analyzed in this document.

Key Findings

In reviewing the results of the survey, the general impression of the current usability and features of AGRIS 2.0 is positive. Interviewees agree that the new AGRIS provides a better service and the use of external information resources enriches the traditional bibliographical content exposed from the search engine. Some of the highlighted findings of the survey are the following:

The AGRIS interface is considered to be clear and intuitive by most of the interviewees. Recommendations were provided about the homepage as follows:

- to reduce the number of boxes (with information as statistics, newest records and most recurring keywords) on the homepage as they might confuse the user
- to improve the location of the advanced search function - especially access from the homepage and the search box

It was also recommended to use another palette of colours – more lively - to better structure the pages

The overall results also show that interviewees agree with the statement that it is **easy** to search in AGRIS. It was recommended to publish a manual or FAQ linked from the first page, and rename the **classical view** to **advanced search** in order to highlight the feature.

Recommendations on the use of metadata and the current integration of external information resources in the mashup pages focused on the following aspects:

- to add additional information like year and type of publication as well as information about the availability of full text was requested
- to provide the original link of the source
- to improve the reliability of the mashup pages (faster and better structured)
- to review the relevance of the information displayed from external resources

Survey on Usability and Features of AGRIS 2.0

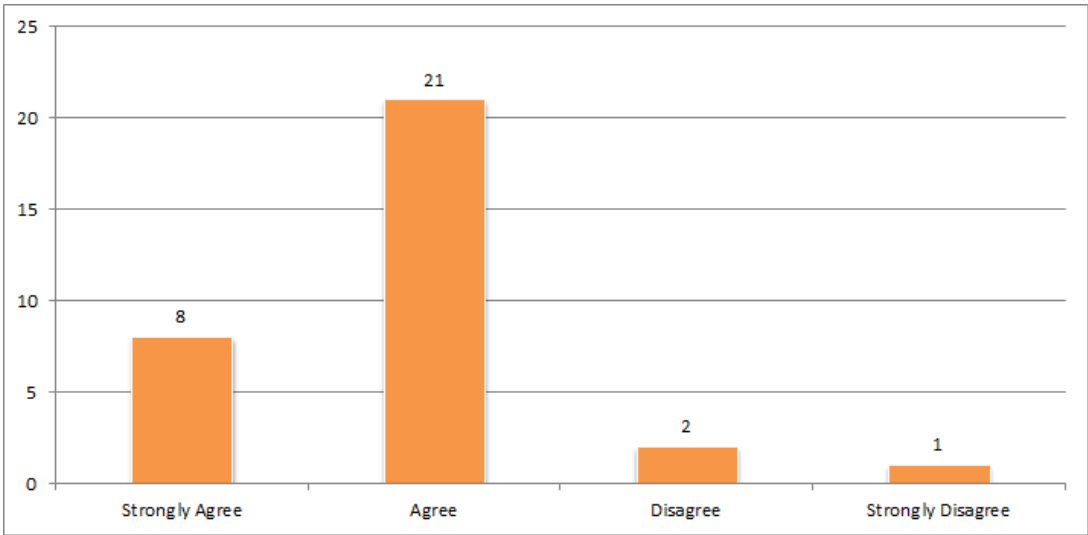
The survey contained 30 questions divided into the following thematic groups:

- General Appearance
- Search
- List of Search Results
- Search Results Details
- General Impressions

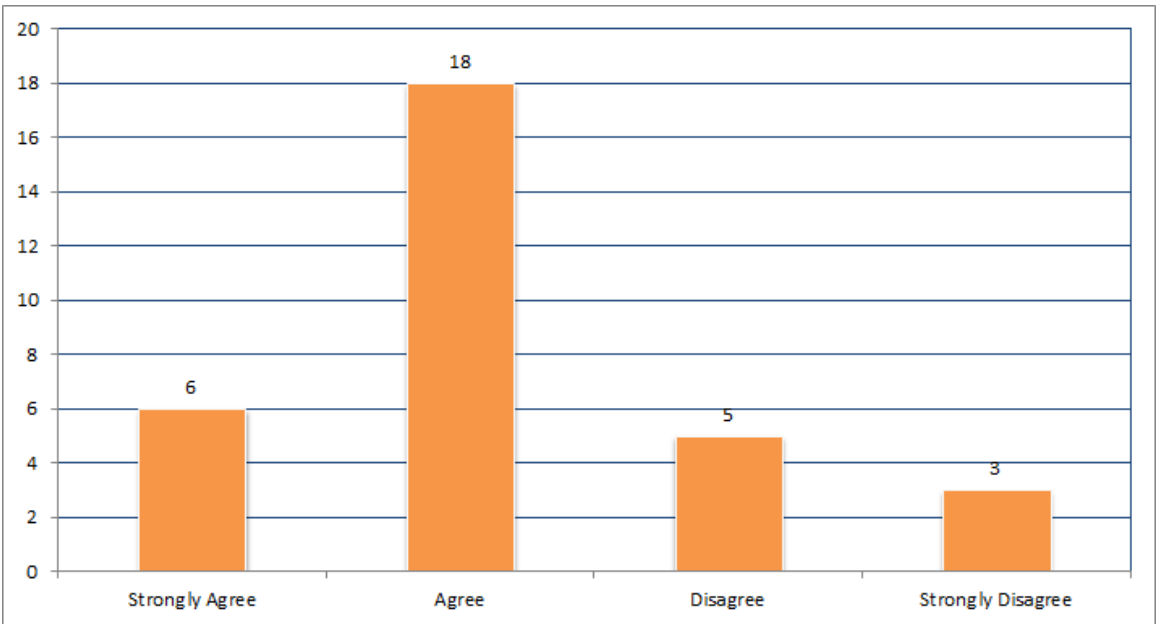
General Appearance

This section was created to test whether the AGRIS interface is well structured and attractive in general.

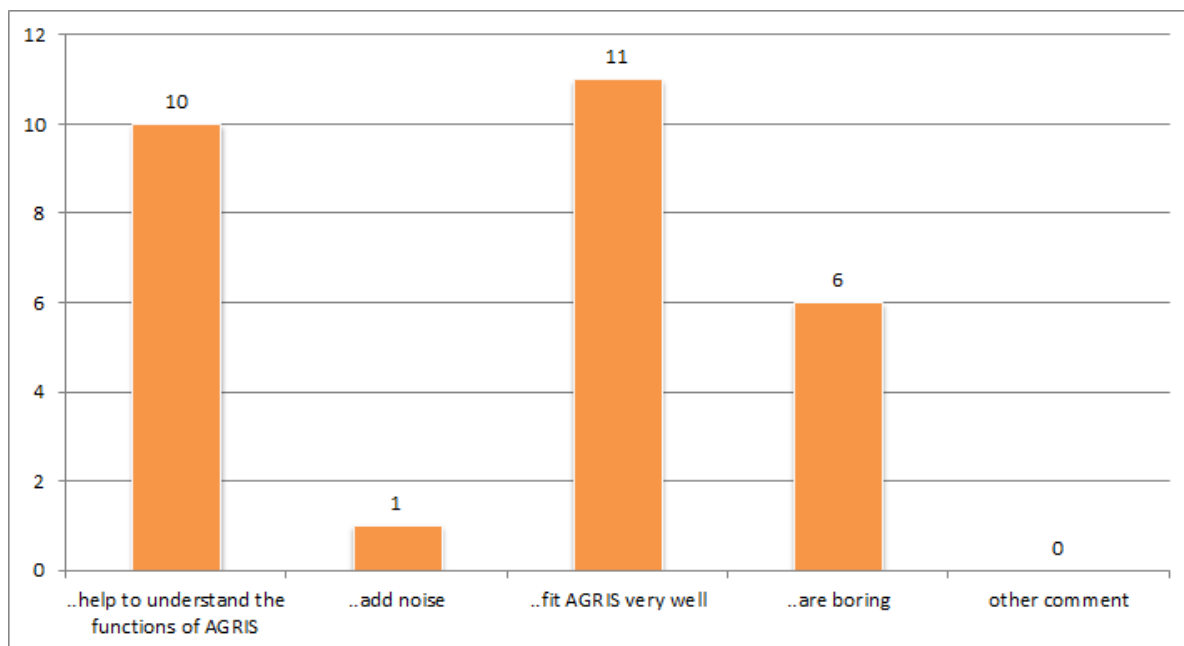
1. The interface of the page is clear and intuitive



2. All in all AGRIS has an attractive appearance



3. The colours of AGRIS... (Multiple choice)



Comments

English

- The color is sad and the amount of boxes for a tool that is supposed to help the search confused me.
- They are unpleasant, logos are poor
- I think the border line used to separate different sections of the page can be improved. Maybe a tabbed interface is better.
- Please choose other colours, the greenish you've chosen fades the words away
- It is a little bit too much serious
- They are good.
- I have the impression that the layout (colours, disposition of text, spaces) are not attractive...
- The selection of (green) colours looks "pale" to me and seems hard to differentiate parts in the homepage. However, I like the different shades used in the results' page.
- The colors don't bring out the message clearly, can you use the color scheme from the AIMS site.
- I would choose white color for the text over the green bars
- Page is clean
- I did not notice them. I suppose that is a good sign
- Though the delineation of the different boxes on the home page is not strong - perhaps the borders and/or headings could be in a stronger tint of the colour.
- ..do not make clear to user the kind of information being provided. For instance, general statistics and most recurring AGROVOC terms have the same title and background colours.
- They didn't mean anything!

Spanish

- Me gustaría ver más botones de navegación en la página de inicio; por ejemplo un botón para ir a la

búsqueda avanzada o para volver al menú de inicio cuando estoy en alguna otra sección del sitio Agri

- Pienso que los colores podrías ser más vivos, claro está que esto va de acuerdo a nuestro contexto latinoamericano. Una opción podría ser incluir tres opciones a seleccionar en el sitio web.
- Debe ser traducida a español la totalidad de las páginas, pues a pesar de intentar el cambio de idioma, la interfase sigue en inglés. Por ejemplo: <http://agris.fao.org/es/content/contributors>

4. Do you have any suggestion to improve the AGRIS interface?

English

- I suggest to use more alive colors, highlight the search box and create a better branding for AGRIS. It uses FAO logo as "author" and from my point of view that is a mistake when the information shared is coming from around the World. The authorships should be AGRIS as something that is constructed by a group of institutions...The logos below then will be more than enough.
- Having facets in the right part is very unusual
- Showing directly on the welcome page all items to start
- I think there are many usability issues in this page. The color and the texts fonts do not look appealing. There should be separate well defined sections for each content such as publications, search keywords which should be clarified. Maybe some help or guides on how to use the search interface should also be provided. Also there is no official FAO contact or copyright information. I think that the interface has to be improved.
- To improve the Interface, get rid of the statistics and have the search centered and with some explanation of how it works. For example, explain that inputting several words uses "or" operator and how to combine them to get results for "and" operator. This is different to many search engines where the default is "and".
- It takes 4 seconds to load the homepage version in other languages, could that be improved? The dates of the articles/books/etc should be shown next to them to know when they were published.
broken links: <http://agris.fao.org/aos/records/RF2013031257> , empty record?
<http://agris.fao.org/agris-search/search.do?recordID=RF2013031257>
- highlight with brighter colours most important parts (e.g. titles in grey are not well visible)
- I think it is important to include the advanced search
- The selection of fonts could be reconsidered to something more vibrant and the results should be more clearly presented (e.g. highlighting at least the title in a color-box)
- I think the interface is well planned for a search engine portal. Maybe just add a small introduction about the AGRIS portal.
- Put some images on the homepage. The bottom title "AGRIS: International..." and logos are not very well centered in relation with the rest of the information of the page.
- No it's very impressive! Very innovative! Link to map, to other sources as wikipedia...Link to PDF file
- The content of some columns are not translated into Chinese in Chinese Version, such as:
 1. The interface of the page is not translated all the sentences in to Chinese. the words typed in the search box "find resources...", "Some of the newest records from the AGRIS database".
 2. Columns "how it works", "AGRIS Centers", is not translated either.
 3. The same questions exist in the other language versions.
- As for the color: have you evaluated with accessibility requirements? Hope you did.
- A wider search box. For example, look how wider is the search box in any Amazon website
- Lucene solr type of breakdown of results is in many

- There could be more space given to "newest records" and other current things (search terms being used?). With less space for agrovoc keywords, for instance - there is a lot of empty space in the statistics area.
Also, in the banner at the bottom of the page the line of "AGRIS: International Information.....etc." should not be split as it appears to be on my screen.
- I would suggest to distinguish different kind of information blocks by light-coloured blocks. Also, replace the title "Looking for Agricultural Science and Technology Information? Papers, data, statistics, and multimedia material, you get it with AGRIS all on one page" with a banner that provides the same information in a more attractive way.
- As an extensive, intensive and experienced user of AGRIS and other bibliographic databases, I find the current search interface to be very strange/poor. Most importantly the actual search box is relegated to a corner. The statistics are in no way important to a user. What he/she will do with the most recurring keywords! The same applies to the newest records! These unnecessary things are occupying the whole interface! This needs to change - the search feature has to be prominent.

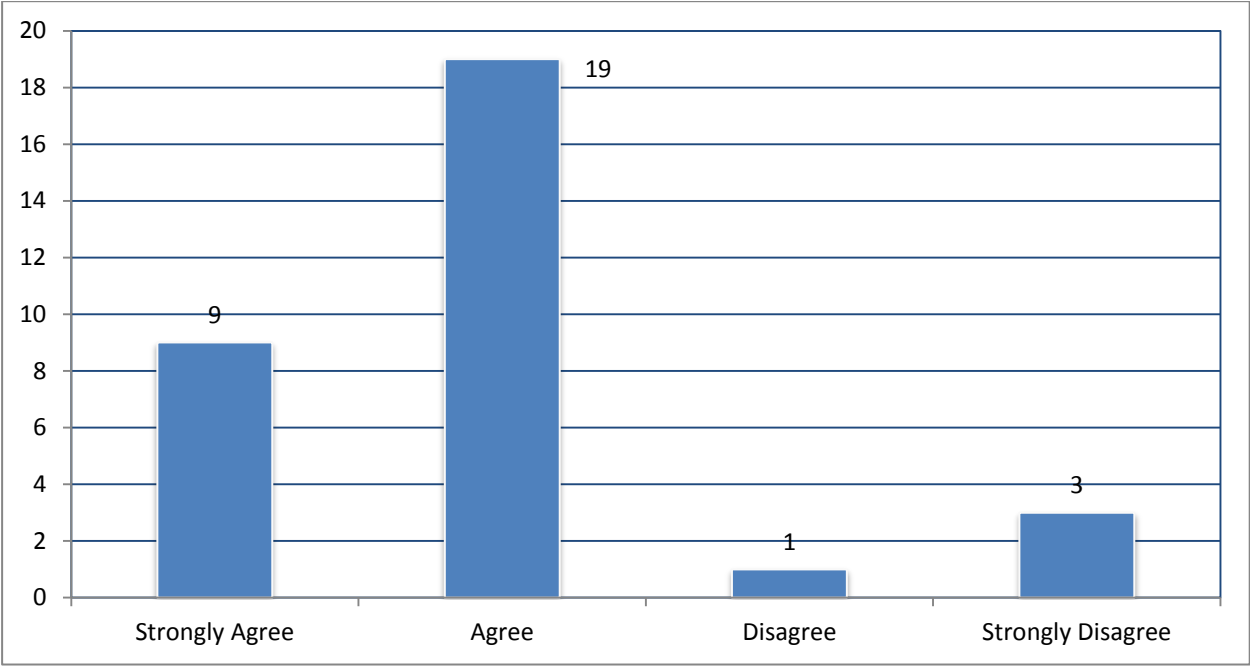
Spanish

- Examinator se ocupa de evaluar sitios web y califica la pagina de Agris con 4.7 en rango de 1 a 10 e indica todos los errores que posee el sitio de Agris.
- Me gustaría ver un menú de navegación más detallado.
- En la pag. principal incluiría un banner delgado en el que se desplieguen imagenes relacionadas a las temáticas.
- Incluiría opciones de RSS para registros personalizados.
- Le daría más relevancia a la marca AGRIS que a FAO.
- Incluiría una sección de FAQ.
- Incluiría una opción para búsqueda de solo recursos digitales.
- Se podría incluir muchas más opciones si que saturen su diseño y que faciliten el trabajo de los usuarios.

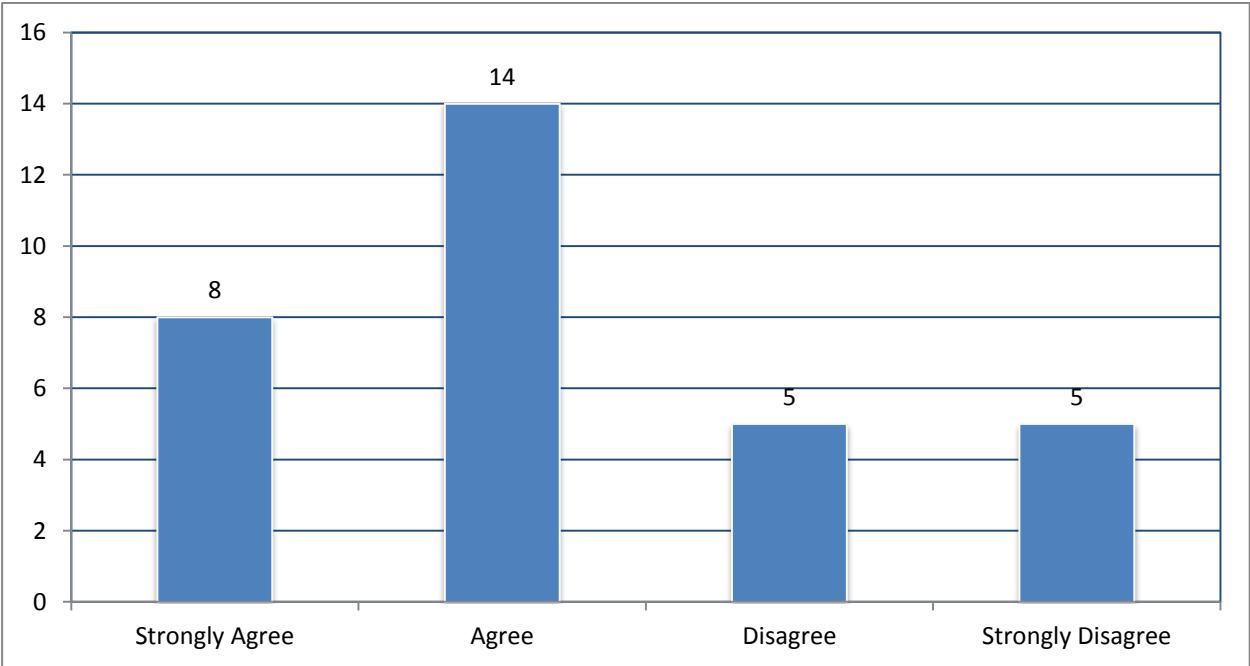
Search

This section was created to check whether the search and advanced search functions on the AGRIS portal are clear.

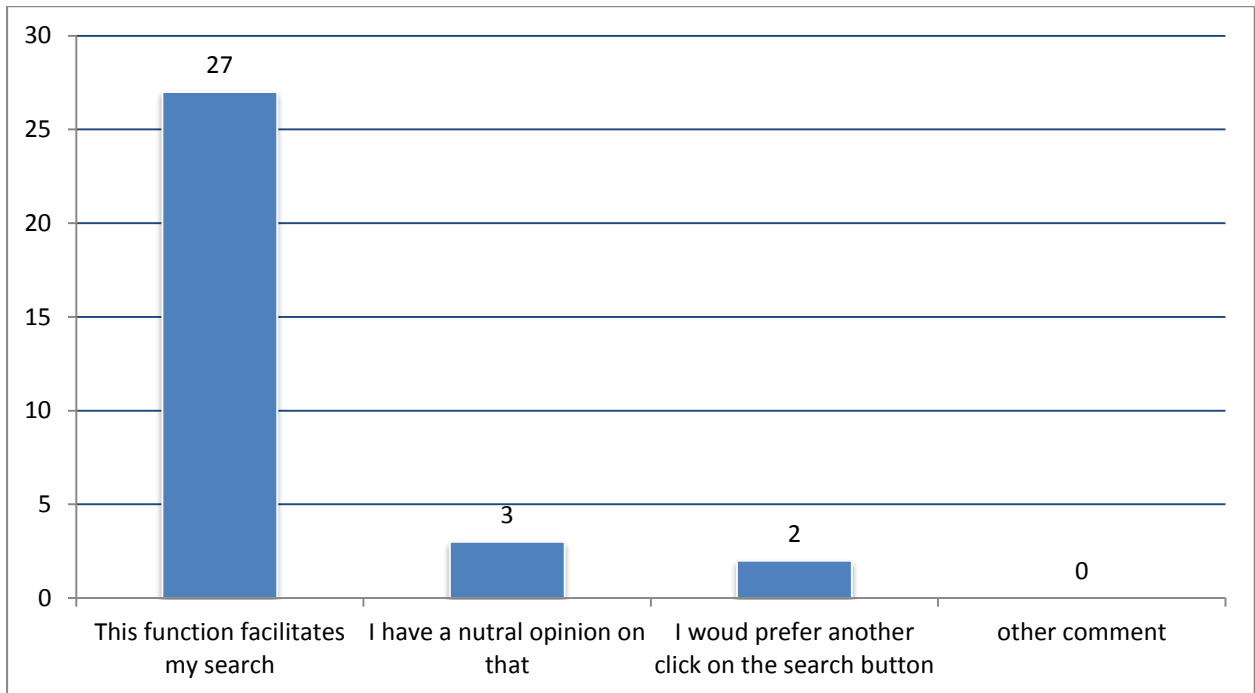
5. It is clear that the default search operator is "OR" for a search with more than one keyword



6. It is clear that key operators must be connected with a "+" or "AND" to make an explicit search (The first results are those that combine most keywords.)



7. Adding a filter will change directly the result set and update the query. What is your opinion about this function? (More than one answer possible)



Comments:

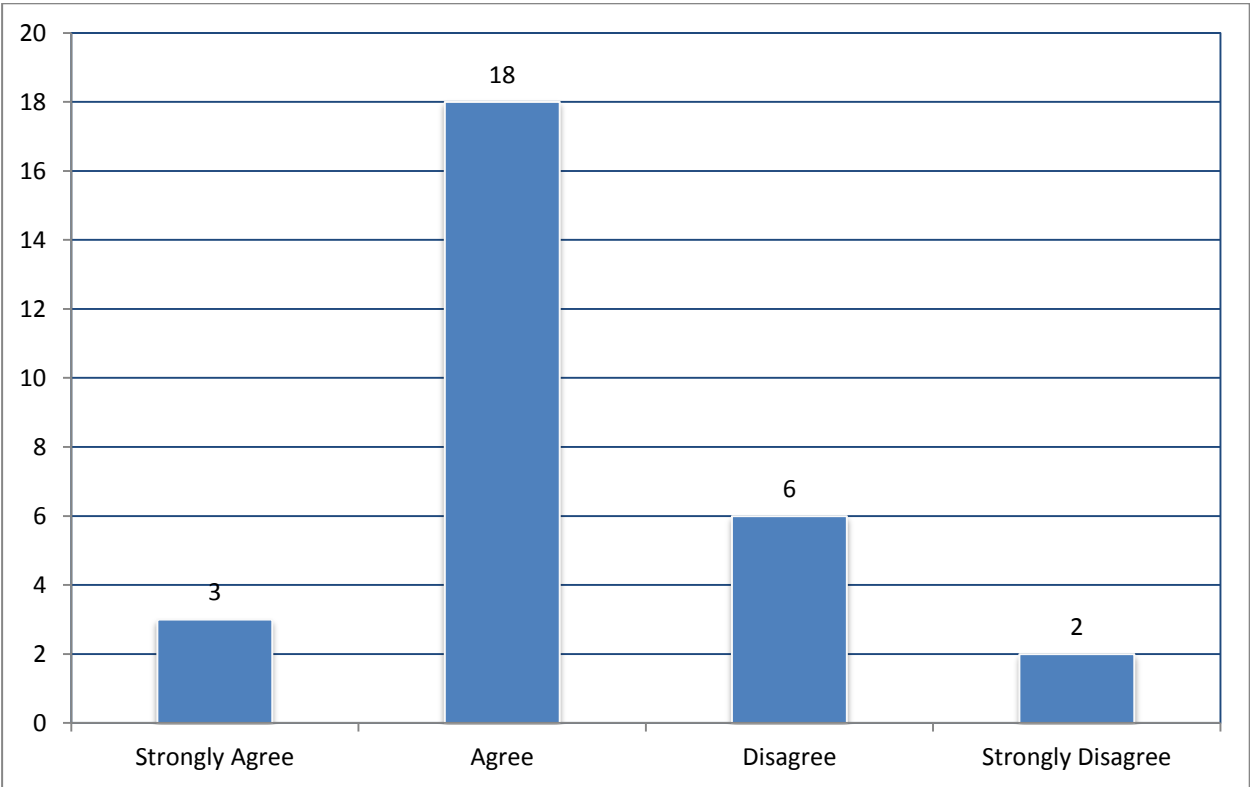
English

- Yes and I don't see it in the main page so there is no advanced search?
- I couldn't find an advanced search's icon. If it was there, so your interface does not clearly show it. Unfortunately I couldn't answer other questions about the advanced search.
- It did not work as I was thinking
- To refine search, it is better to put it along side the search box. Also the filters are not enough and I doubt if the combination of filters work in this case. I don't see an advanced search option
- In theory, adding the filter facilitates the search, but for my first search, using the filter (Agrovoc terms) gave me mainly LESS relevant results - so it is not working very well. It is not clear how
- Filters are helpful to narrow results
- Is the filter SOLR type breakdown on the right?
- All values of a given filter should give a result set that is non-empty. The query 'maiz Peru' and the filter 'potatoes' (from Agrovoc) combined with 'books' (from Content types) give an empty set.
- I don't use these filters. Instead I use the command query to refine.

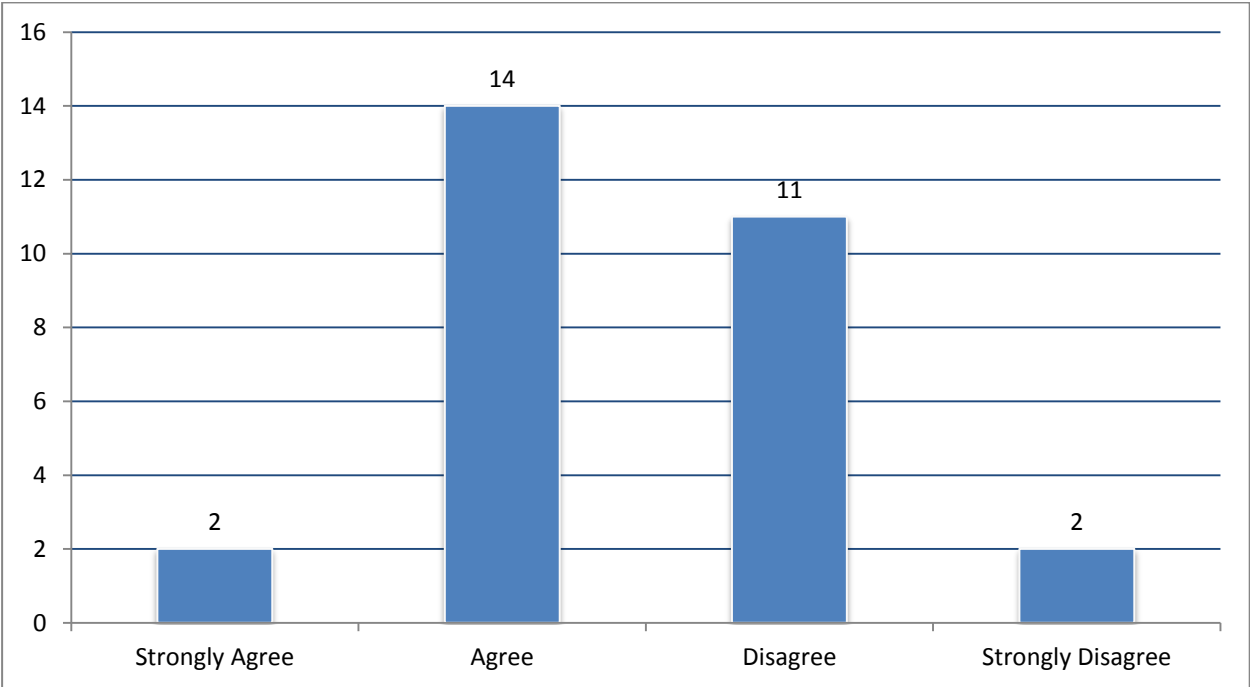
Spanish

- Realmente es simple hacer las búsquedas de una forma efectiva, pero sería bueno incluir una opción para que los usuarios consulten las ayudas sobre búsquedas.

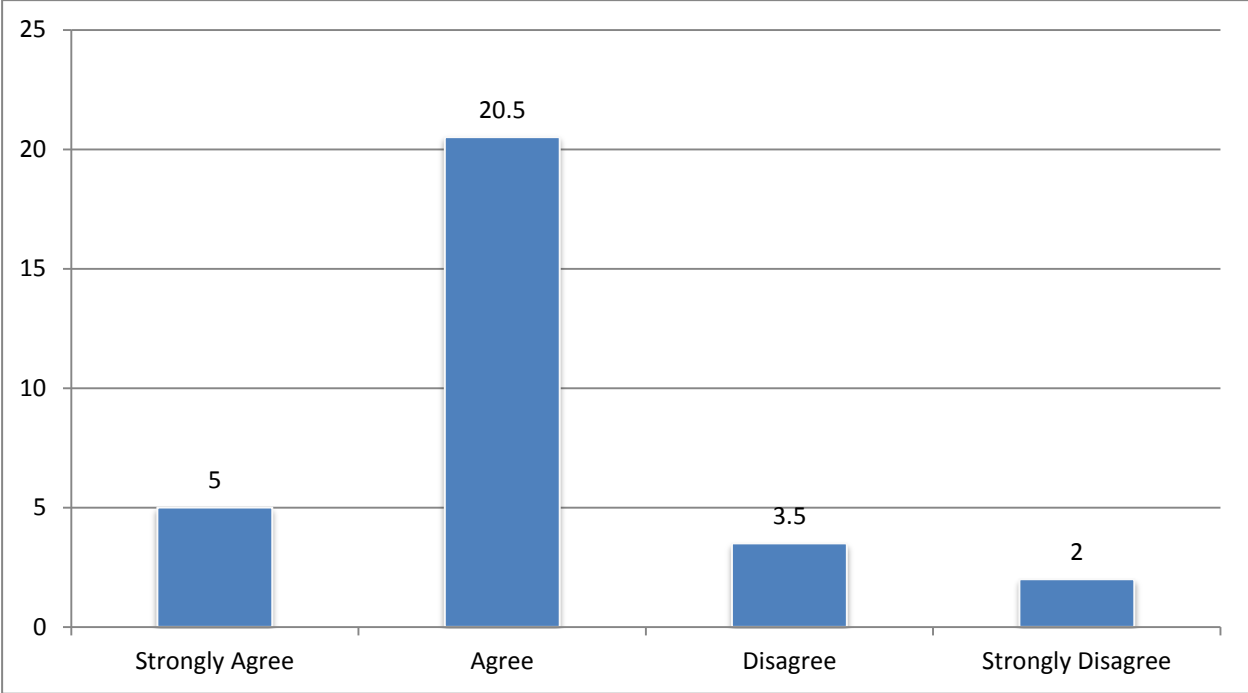
8. Using the advanced search means to reduce the results by adding a filter with an AND operator. The use of advanced filters is clear



9. The functionalities for the advanced search of publications are sufficient for me



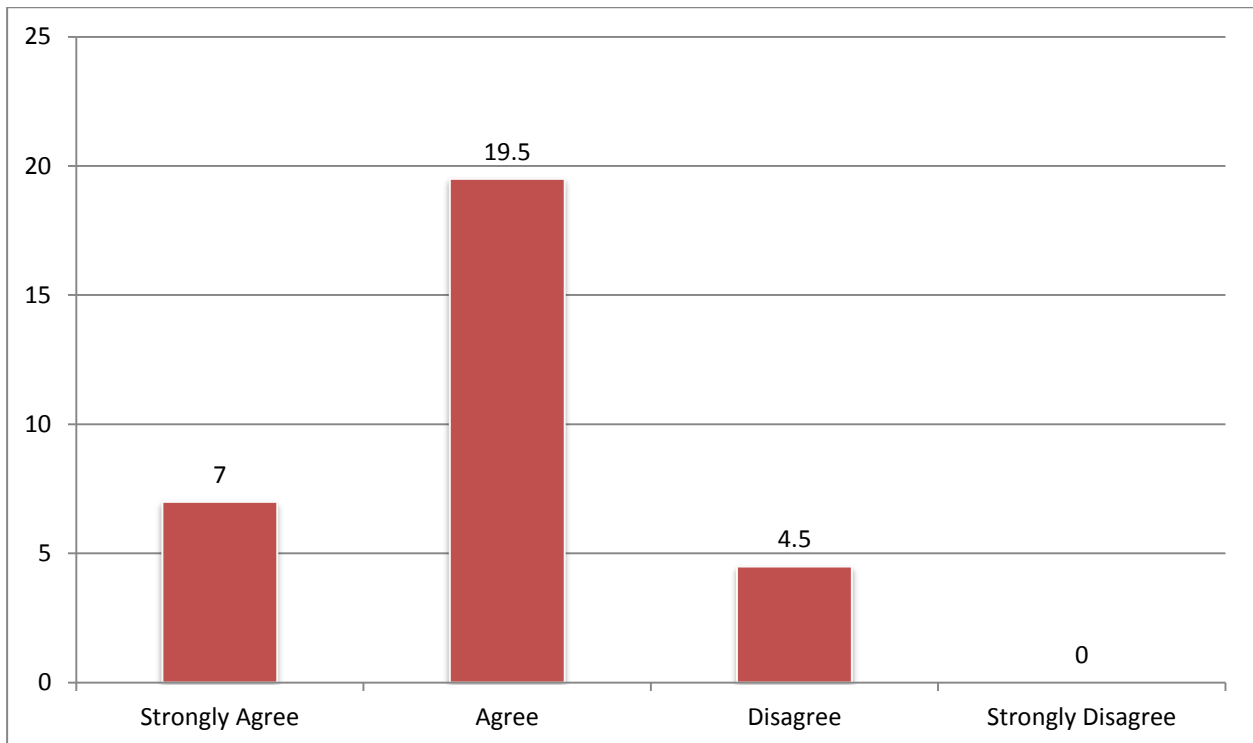
10. Overall, it is easy to search AGRIS



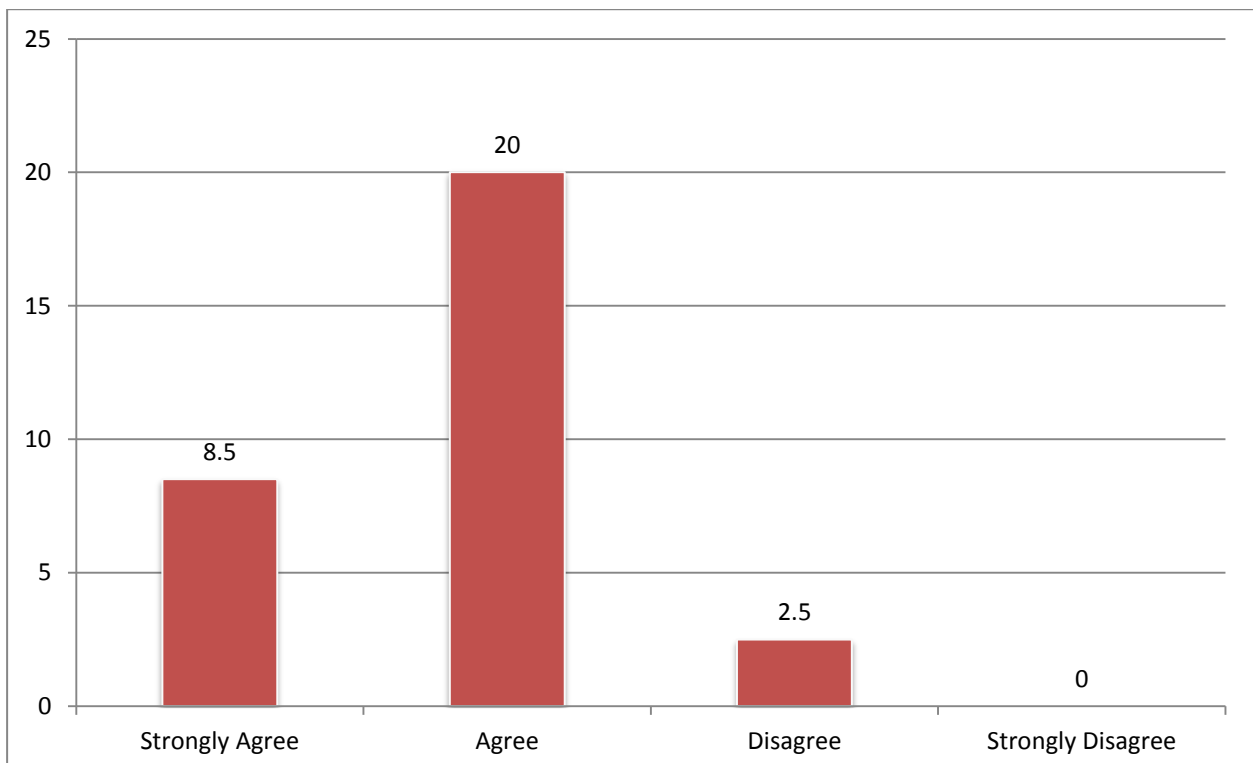
List of Search Results

This section was created to check the quality of search results of AGRIS.

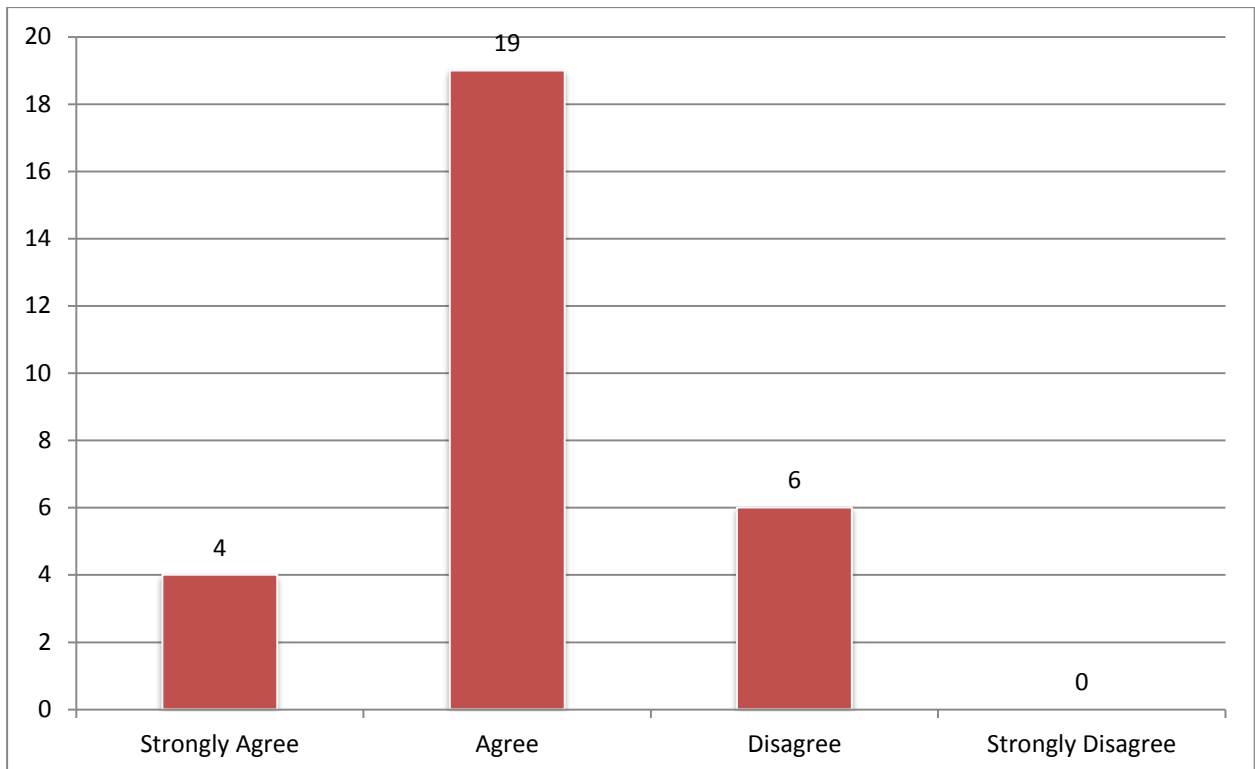
11. AGRIS presents information on publications in an appropriate format



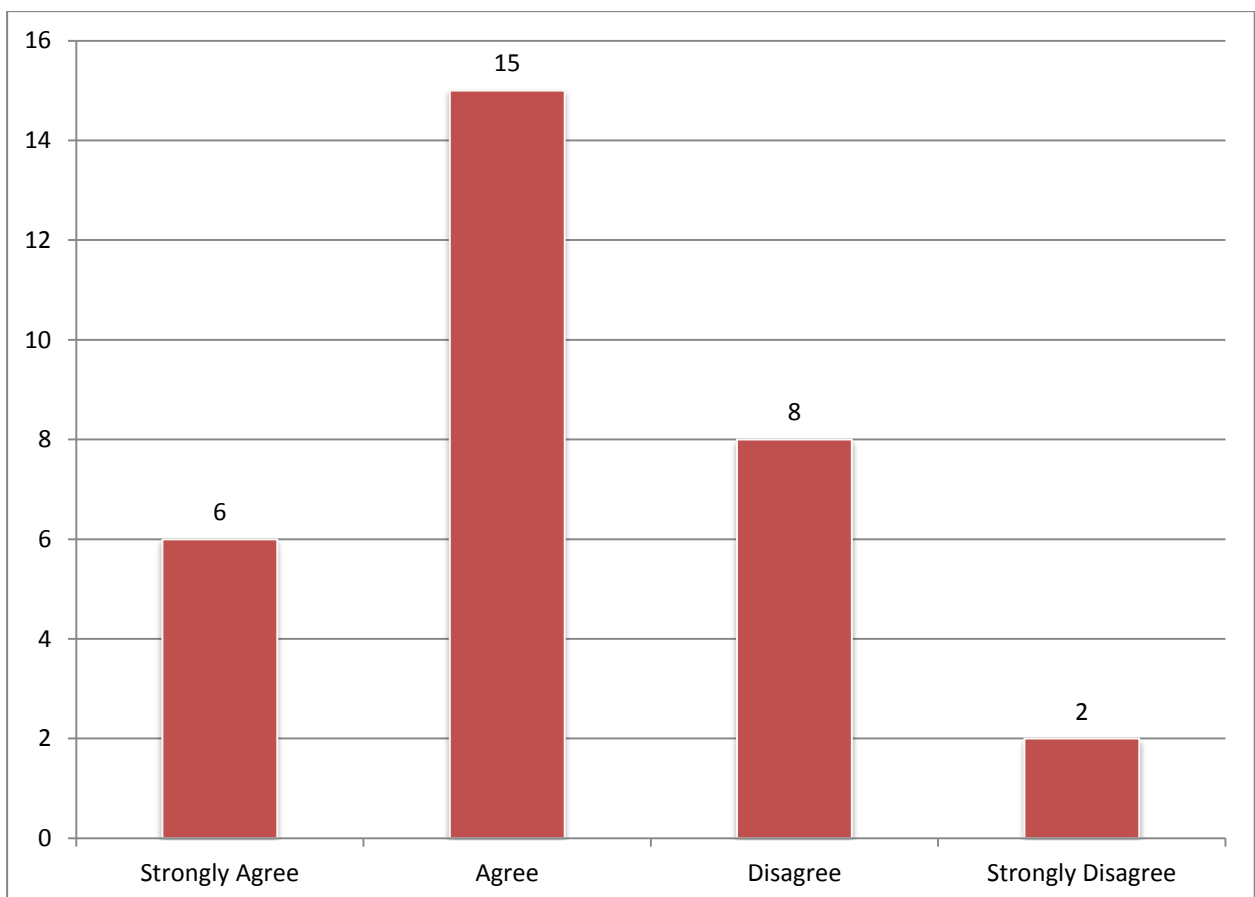
12. AGRIS provides information on publications that is relevant to me



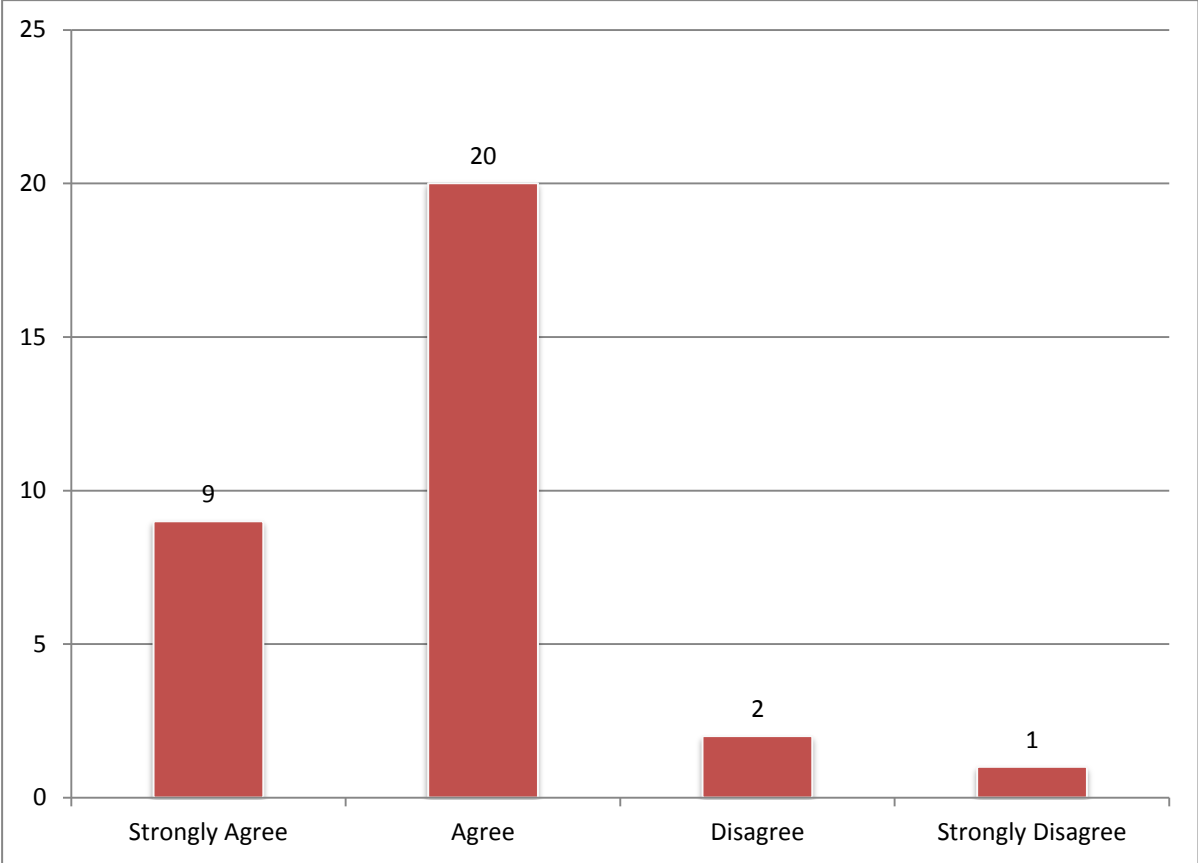
13. AGRIS provides up-to-date information on publications



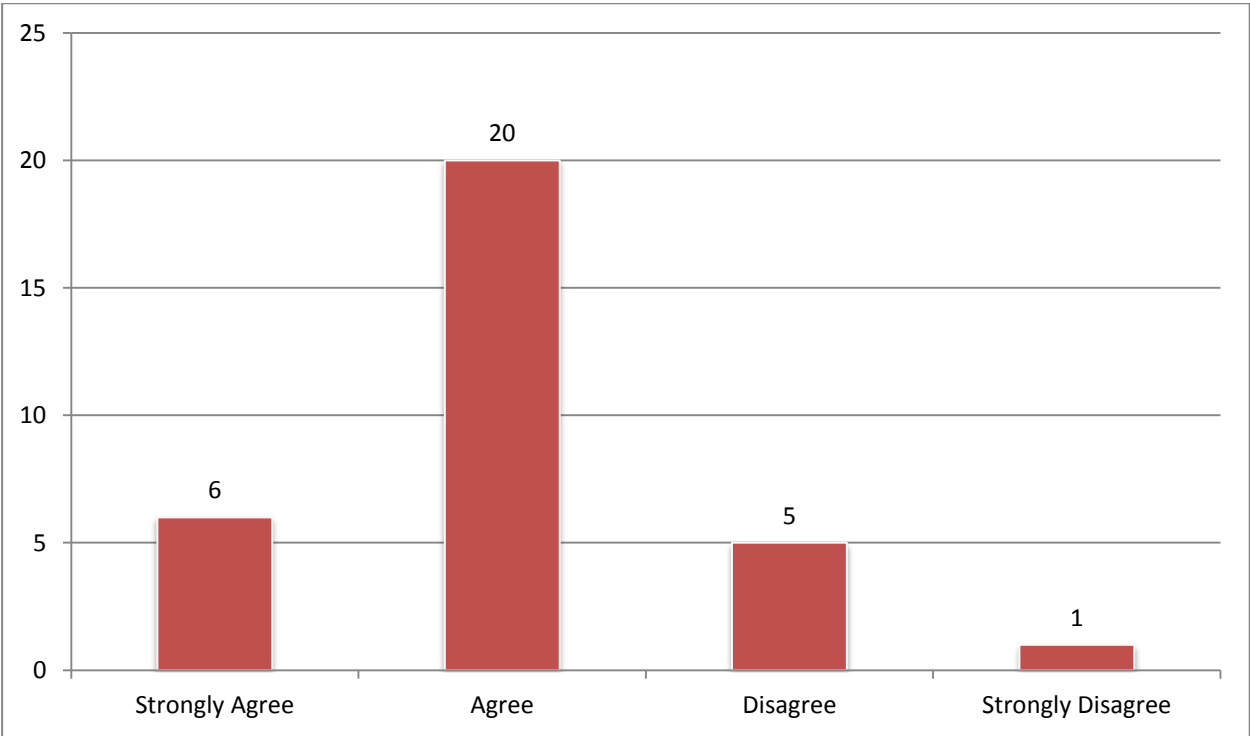
14. AGRIS provides accurate and sufficient metadata on publications



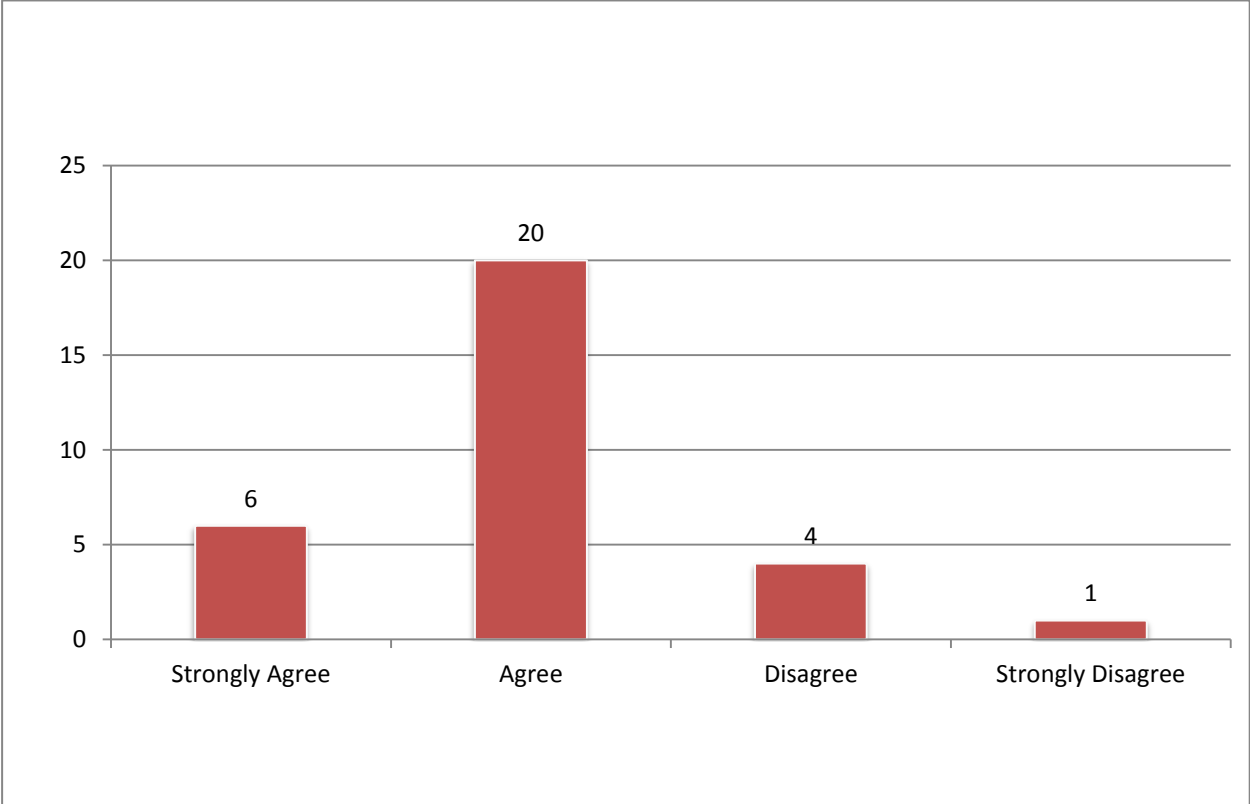
15. The design of the classical view of search results is clear



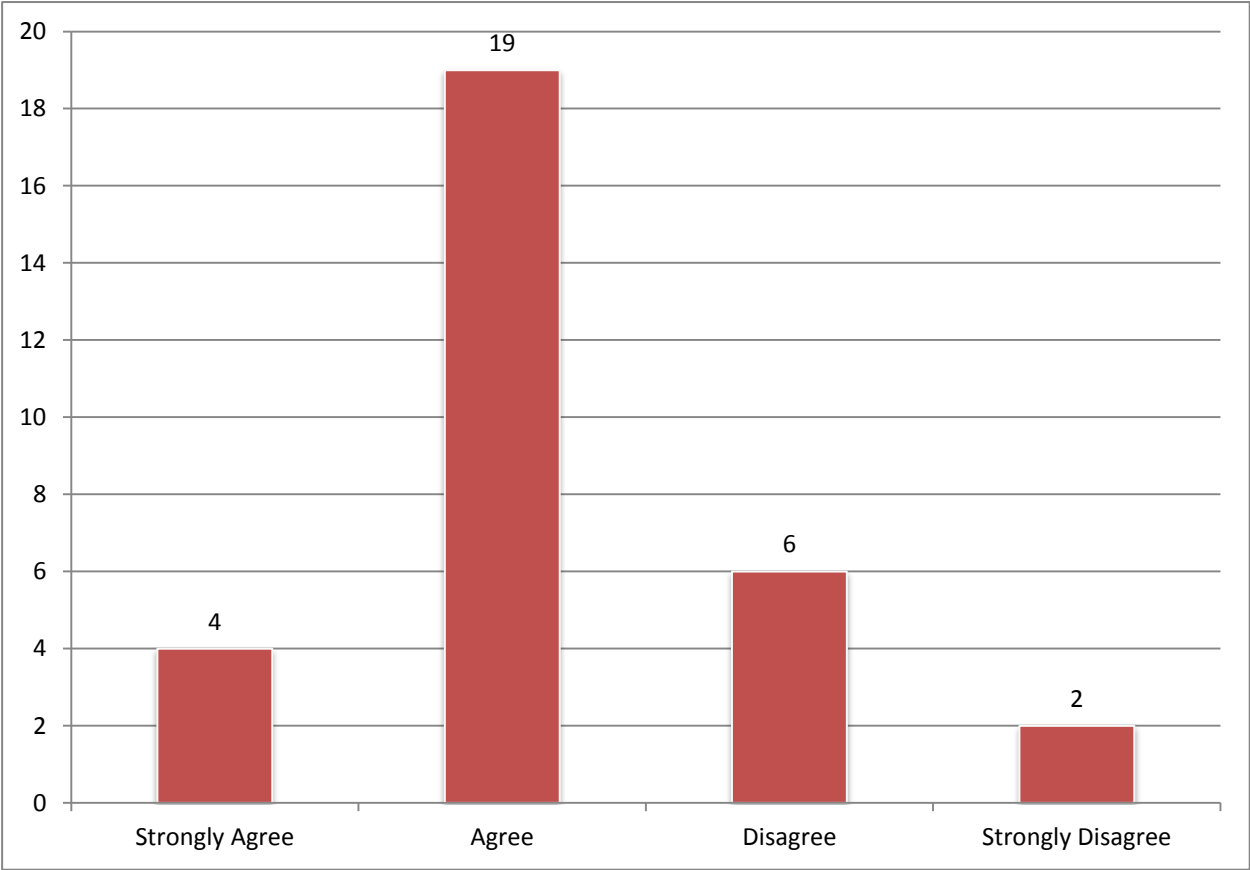
16. In the classical view, bibliographic metadata is presented in an appropriate format



17. The search results in the classical view provide sufficient metadata



18. I am satisfied with the overall AGRIS search results



19. Do you have any suggestions to improve the AGRIS search results or the way they are displayed?

English

- I see a lot of information and the most important getting quick access to the resource is not there. I did several exercises and it is not intuitive. At the end it opens documents that are not related.
- The result should be more relevant to the research query
- Again sufficient metadata and clear sections for the content presentation should be used. The use of Ajax to load the content is distracting. The speed of content presentation needs to be improved.
- Q8, 9, 10: I could not see any "Advanced search" option??? If this refers to the "Classical View" then it is not at all clear. Why not call this "Advanced Search"?
- It would be nice to be able to export the results of my searches to formats such as XML, RDF, etc...
- Please put the year of publication also in the page of search result, now I've found it only in the mashup page
- In results (new view) I think it would be good to display the publication year/date
- Locate the link to full text close to the initial reference. For users it is important to see that the full text is accessible.
- Regarding search results, different results should be more clearly highlighted. I like the "More"/"Less" functionality in the classical view, as well as the star-based rating
- After I selected some records to read, I realized that there are many tabs opened in my browser (I used Chrome)
- Scientific data is more and more important in research work now. If possible, can AGRIS provide the scientific data of the publications individually?
- Please include the date of every item in the list of search result. That would be of great help.
- I had results, but clicking on results links, an AGRIS page with no results appeared.
<http://agris.fao.org/agris-search/search.do?recordID=BR2013003736>
<http://agris.fao.org/agris-search/search.do?>
- Leaving out bibliographic detail makes it look nice, but some bibliographic detail is relevant (year, if it is from a specific journal) to filter results
- I prefer the classical view - there is more information available at first glance.
It is not obvious how to move back from classical view to standard view - I had to just use the back arrow each time.
- I would suggest to provide more metadata (bibliographic and more) at the listing of results.
- Enable selection of no. of records to be displayed, instead of 10 at a time. At least 50 at a time.
- Enable marking/selection of records

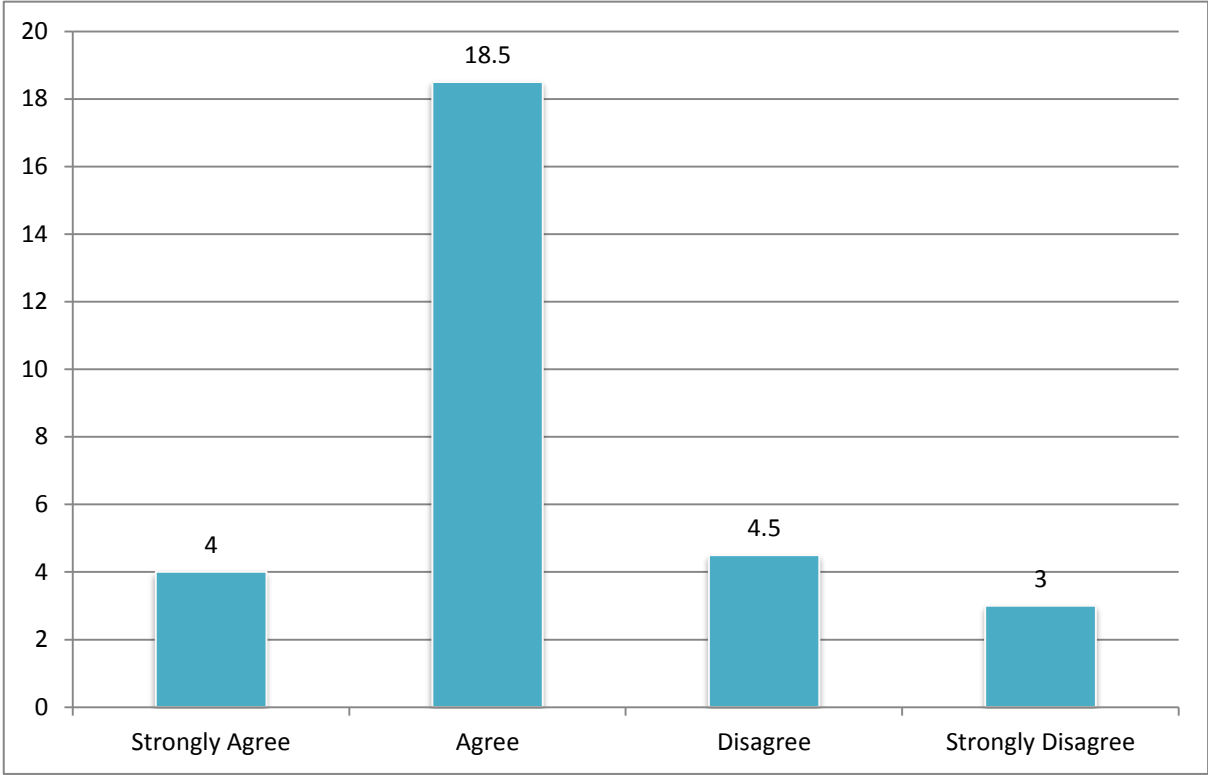
Spanish

- Desde mi punto de vista veo mucha información desplegándose, pero puede ser un asunto de gustos, probablemente sería bueno hacer la consulta a los investigadores y estudiantes.
- En la vista no clásica, cuando se busca por artículo de revista, debiera aparecer el título volumen y año en los resultados.

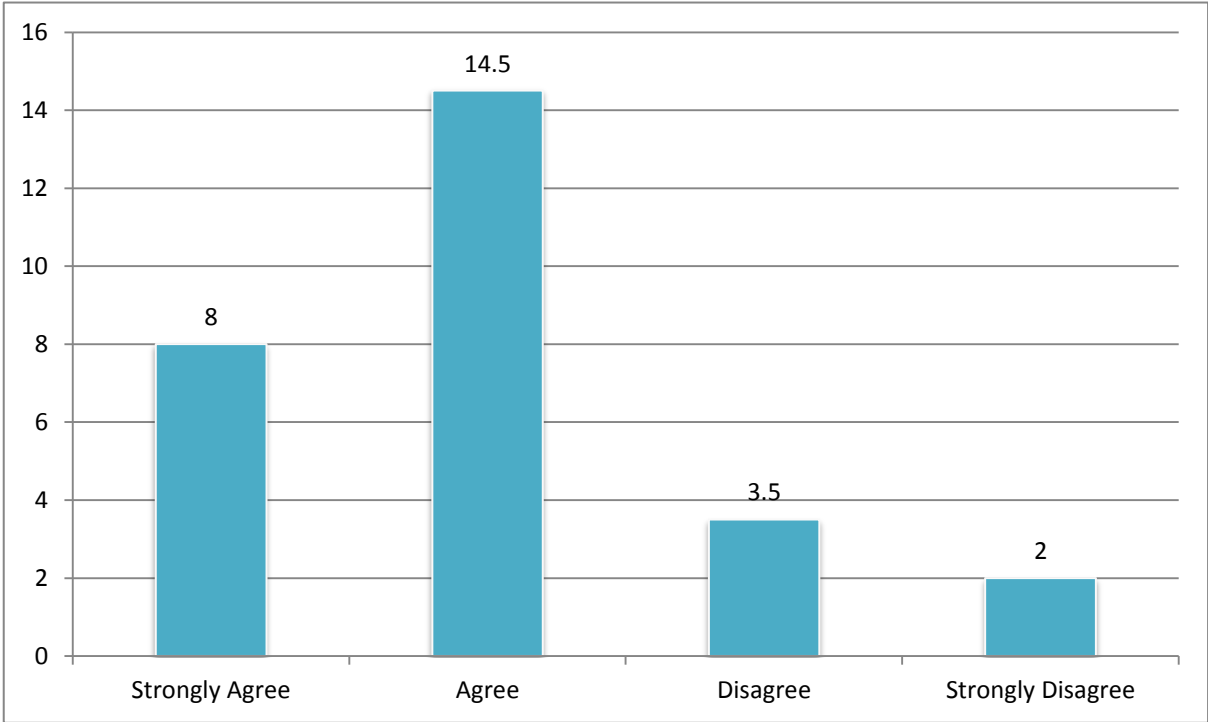
Search Results Deatils

This section was created in order to test the mashup page that shows available details for one search result.

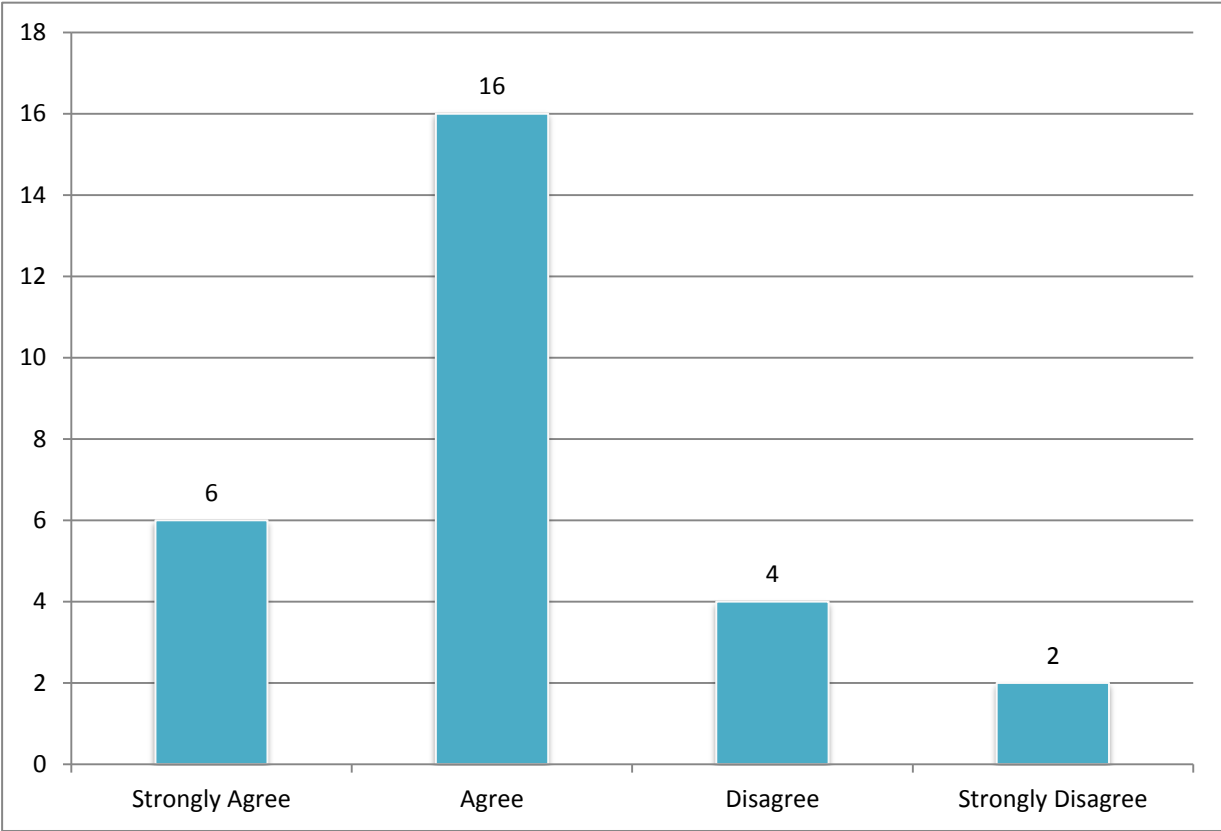
20. The mashup page is well structured and clear



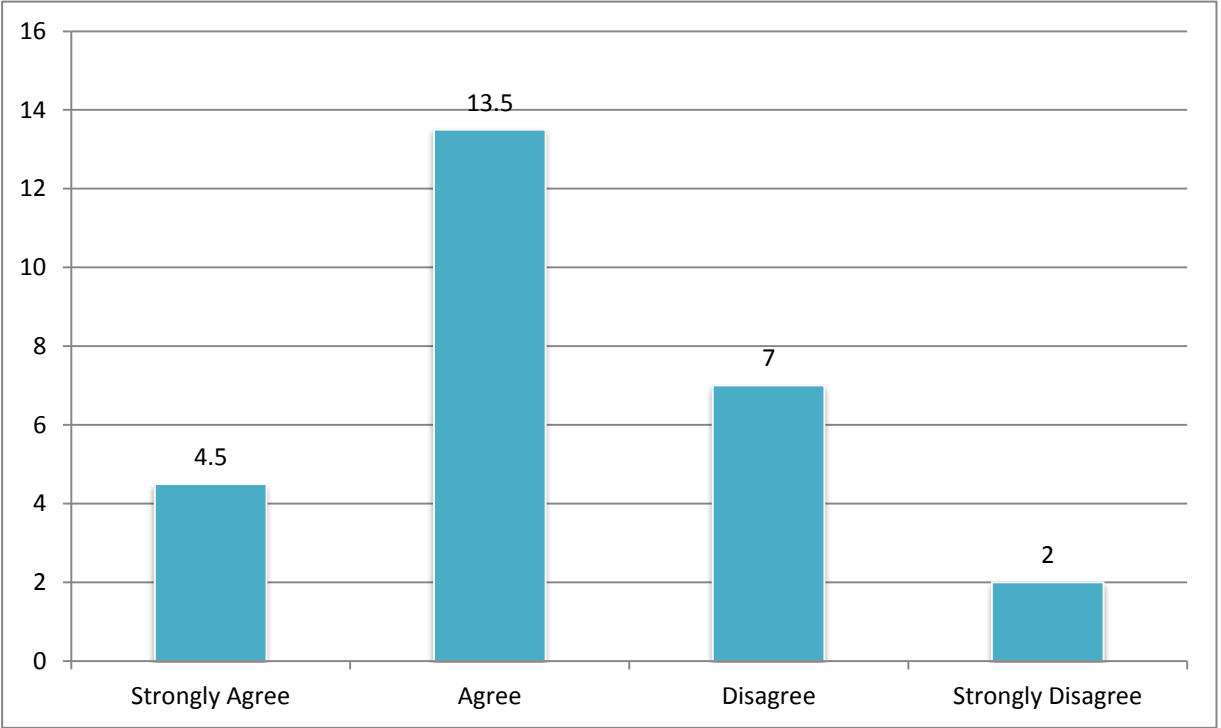
21. Overall, the loading of the mashup page is fast enough for my needs



22. I think that the available information through mashups is relevant to me



23. I think that the available information through mashups is sufficient for me



24. Do you have any suggestions to improve the AGRIS mashup page?

English

- Relevance needs to be review.
- i suggest you to provide contact information about the writer in bibliographical information.
- I did not succeed to download articles i have found in the research even from the mashup page
- The mashups are not well structured and is less appealing
- I think a clearer distinction between download of requested pdf and correlated will be better
- In section about the article add the publication date.
Add title on right columns.
- I believe that the different data sources (widgets) in the mashup page should be more clearly highlighted. The fonts look too small (to me) and it's hard to understand where these data are coming from
- Search results might be sorted by research years on mashup page
- I would recommend to use bigger sized fonts in the right columns
- When clicking on results links, an AGRIS page with no results appeared. Not sure why?
<http://agris.fao.org/agris-search/search.do?recordID=BR2013003736>
- Use these additional data sources only in cases where it is likely to make sense (for my searches it was bizarre)
- See 23 above. The problem with providing a mash up is how far do you go? There are many other sources that would provide useful information. But AGRIS is not wikipedia, so this is a start.
- Split the page into two columns/levels instead of three, even if it requires to exclude some sources.
- Have a download button in cases the actual file is available online.
- I don't find these in anyway useful.

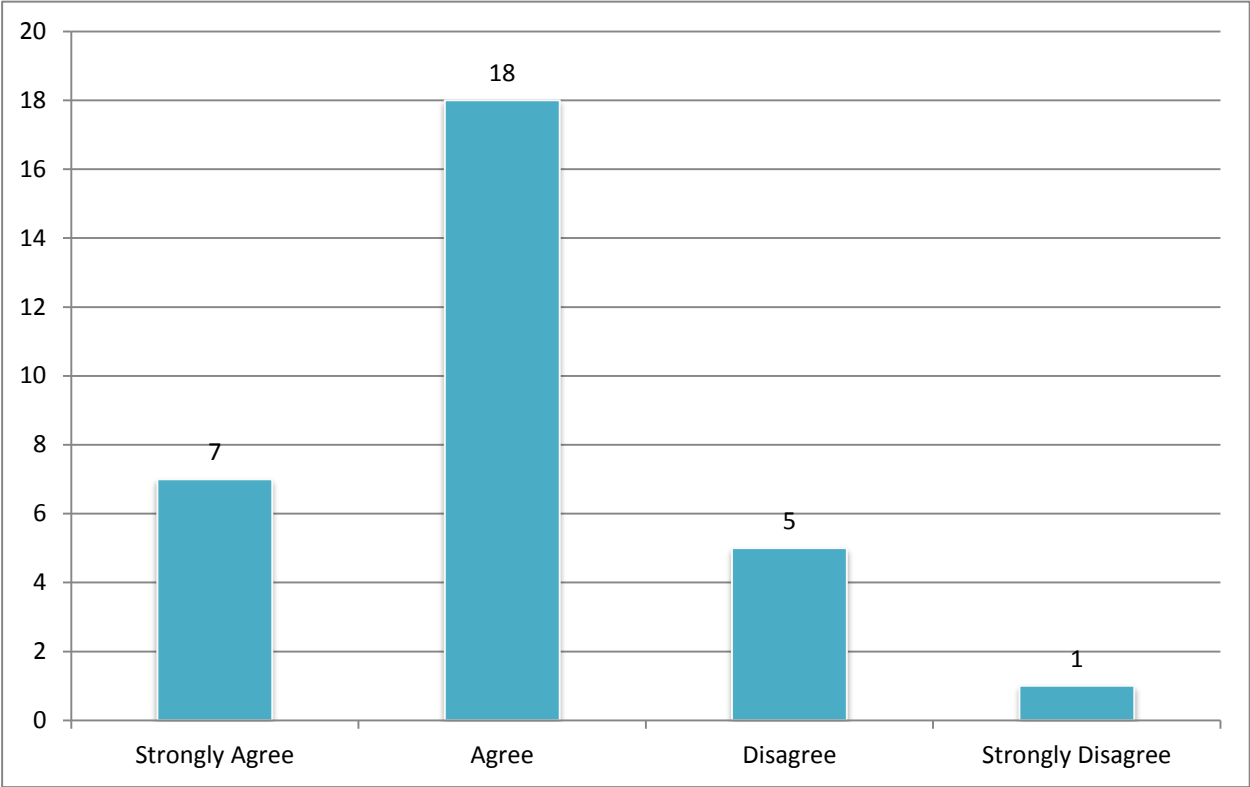
Spanish

- Sería interesante que el usuario pudiera seleccionar las secciones a desplegar o mostrar solo algunas de ellas.
- Al buscar La Revista CORPOICA, y filtrar por año, no da la información esperada

General Impressions

This section was created in order to test the mashup page that shows available details for one search result.

25. Overall, AGRIS is easy to use



26. What improvements would you recommend for AGRIS?

English

- The search engine needs to be highlighted. Noise around needs to be cleaned. An advance search is required and most important the real unique access to the source needs to be there. Knowing that a document exists but I don't have access to it, is not of much use.
- When we are entering data in webagris, we can input the author's email address and we did it but it wasn't published. it's too important for users to be able to contact directly the authors to exchange information. So, i think you should review your decision to not publish it. many thanks
- I'm not sure that all the papers are relevant for a research query and for me it is necessary to give enough details and possibilities to users for uploading papers from their research
- Should follow web usability guidelines
- Q19- Q24: The initial results listing page looks nice, layout is fine. However, it could be improved as for the usefulness - Improve results list by providing bibliographic data such as the source, year, publisher. I need to know whether the result is a journal article (with the citation), a report (what organisation commissioned/issued it, when, etc), a book (ISBN, publisher etc), or other type of publication. This should be ideally be clear from the results listing, but certainly should be clear when you click on the article title and go to the details page.
- explain what the statistics mean; how is the data connected?
- A button for advanced search in the first page and the possibility to choose a time interval of publications
- Improve access to full-text information
- I think the color is not so attractive. It is important to disaggregate Agris International System for Agricultural Science and Technology.
- Revisions in the user interface (e.g. more vibrant colors/shades of green, larger fonts)
Customization options for registered users (might also solve the previous issue)
More filtering options (e.g. per data source, per publication type etc.)
- I think google scholar is easier to use and includes additional tools such as quoting an article. That should be added to that tool
- I think the web links should be hyperlinked, with typical bright blue color, that way it is easier to find articles
- Give examples of seaching using the Boolean operator OR on the "How it Works" page.
- Personal account section to save records with usability data and information needed.
- Translate the content of AGRIS into different languages in different language versions. For example: Translate the columns' content (such as "How it works, AGRIS centers, For contributors, Acceptable use policy, Feedback") into Chinese in the Chinese version.
- Do not only use Google Translator in the search results page, but also use it in the "Some of the newest records from the AGRIS database" of the first page.
- Provide the scientific data of the publications individually.
- Search results might be sorted by research years on the mashup page
- Better filters? In fact even very narrow topic search yields several thousands of results (also see attached screen.) I would prefer not seeing so many hits. The system may need to perform a better algorithm to cut out those only matching one keyword.
I know these may be back end data quality issue and search engine issue. Hope the interface could be helpful for better filtering.
- We recommend to ensure that documents are available as abstracts with key words. May be full text if possible.
- Bigger font, use color with a bigger contrast

- Take into account different uses (known item searches, subject searches etc) and optimize for those users (example, for known item searches you do not want an intrinsic OR)
- Perhaps it would be better to have an Advanced Search option directly available next to the Search box.
- Make the appearance more attractive.
Make the states of browsing clear to the user and provide the capability to easy management of filters.
- 1) Change Search interface 2) In the Classical view - sort order to be made clear.
- Provide 3 sort options by publication year, title, author.
- To enable marking/selecting - not force me to download the first 250 records

Spanish

- Facilitar el proceso de acceso a la información localizada. Otra opción sería enlazar al recurso que se encuentra en la base de datos de la institución, creo que esto se podría hacer mediante el ID de referencia.
- Cuando se obtengan los resultados de una búsqueda poder seleccionar los documentos y exportarlos todos de una vez a un manejador bibliográfico los metadatos o los metadatos y el resumen.
- Que se puedan encontrar los títulos de las revistas en forma mas facil

27. What functions do you miss on the AGRIS portal?

English

- The real source. The access. The advance search.
- nothing
- In the previous site used advanced search
- more filters for narrowing the search results, ordering search results
- There should be text to explain what icons mean when you hover over them - for example what is the RDF or the Lodlive?
- Under the "Read the article" on right hand side, the first link should take me to the full text of the article that I have clicked on and is currently displayed, or to where I can purchase or request it.
- The "data from Europeana" and "Data from www.nature.com" which appears beside the results list does not appear very relevant to the search.
- How are the "Related articles" related to the search result? This should be explained.
- The map feature is good and seems to generate relevant data.
- Searches based on standard ontologies such as the Trait Ontology (I guess AGROVOX is used right?). keywords to refine results should be categorised, data should be downloadable (parts of it as well as the whole)
- I could not find advanced search... which i think is important.
- The direct access to advanced search, so the search for author, title, etc.
- User generated content (ratings, reviews)
Customization options for registered users
- The functions are OK. All of the functions from the previous AGRIS portal have been included and you have added more.
- How can I receive an email bulletin with customize data according my interests? Integration with Citavi (reference manager). Mendeley and Zotero are supported.
- Mashup is my favrite function. The mashup page is good for users to expand their knowledge.

- The filter: few country names (actually often one only) showed up for various searches. There is a question about the data itself -- if geo terms are not required in metadata, providing such a filter could be misleading because it is impossible that several thousand entries on a topic are all focused on one country. If this is not a required field or the data is not populated with country names, it is not appropriate to use this filter as a major filter.
(In the attached screen, it is clear even on the first page there are other countries than those showing on the right side country list.)
- Any
- Some additional functions in the index, like sciencedirect.com
- Options to get easier full text (e.g. linking to OpenURL resolver)
- To write the value of a given filter/facet e.g. Agrovoc terms.
To see keywords in the snippets of the results.
To easily browse (drill-in and out) over a filter with taxonomy-based values such as Agrovoc term
- I miss its simplicity and clarity.

Spanish

- AGRIS en SIDALC, esto podría ampliar la información del sector agropecuario de América Latina y el Caribe.

28. Which problems have you found when using AGRIS?

- Did not find the information.
- I think advanced search could contain all (or most of) data entry field. For example ARN, Publisher, Date of publication, Language of text or AVAILABILITY area and so on.
- Front page takes very long time to load
- In some records I missed information on date of publication of serials, and information on collation. Generally it was ok, as this is perhaps not so important information for the reader. The main problem is that under RDF is not seen the literature source where the article is placed. Maybe you should create a search help page that indicates what the symbols (RDF), options (go to page) and etc. means. All this helps the information seekers - library readers and other users.
- Finding some papers from research
uploading papers
- difficult to find the relation between sections and how to use them
- Overall the colours and layout are good, but the search functionality is not at all intuitive.
- performance, relevance of results, source of entries is not clear,
- The links on RDP page are not defined
- Localizar la información que se encuentra referencial
- Overall quite immediately usable. Very well the performances.
- To users that don't have experience in the process of search will have difficulties to use the Boolean operators
- None
- It is a bit difficult for me to use AGRIS because I can hardly find an article for the links of the source and it does not immediately lead me to information but to a general page
- The only problem we face in our conditions is the slow connection to internet, so sometimes it is difficult to open the site
- Not any, it's user friendly and the search functions works OK.
- Some objects in the mash up page (especially maps) are loading slowly. My Internet bandwidth is 5Mb.

- Sometimes, the pages cannot be found or some picture can not be open.
- Those popular terms showing on the interface page bring a bad example, since each has over thousands hits. It only let people doubt the usefulness of such keywords.
- Following one of the keywords one could gets thousands of hits still, even though ranked with relevance. You know how people use Google: they only view the first page. If a term come back with thousands of entries, it does not help. However the filter did not give much further help because it could be just other popular terms in the sets. If one needs to browse in one topic, that would be an issue. Of course if one knows exactly what to search, type multiple terms the situation will be better.
- Also with the thousands of hits sorted by relevancy and filtered by types or geographic country, the entries shows title, authors, and abstract, but no date. Why no time stamp for each article? Those are the second most critical search-results judgement.
- Everything is clear on the page when you pay attention with correct research
- It is not easy to get the date of publising of the resources
- Apart from things mentioned earlier adjacency. If I search for " research data management" or " data management planning" the first two are OK, the rest irrelevant
- It would be great to have more full text availability.
- Some states/results sets are empty.
Fiew metadata at listing.
- In the command search mode, sometimes field directed queries don't retrieve the right records.
For example,
title:(integrated watershed management)
Even if I use "integrated watershed management" it doesn't work.
- not very clear how to use it

29. What are the most valuable a dvantages of AGRIS for you?

English

- To have access to the most of the content around the world.
- Possibility to reuse data from other datasets is very interesting.
- I think agris is progressing in all aspects and it's because of good agris group efforts. many thanks for your efforts and kindly supports.
- worldwide
- may be the information
- data integration, support in various languages , mash up
- Quick and easy way to find artivles
- User-friendly interface, the ability to specify the search using a thesaurus AGROVOC, content types, countries, a reasonable output mode.
- get info entering few keywords in searches.
- the inclusion of new tools and metadata.
- High quality of publications
Constantly updated content
Mash up of related information coming from different sources
- find articles with the reality of my country Ecuador
- An overall information regarding agriculture
- The Advanced Search
The way the results are presented is very enriching with linages to other reources
The Classical View

- Many sources and formats of information available in one site, especially because the information is up to date and is relevant. The tables and maps are important metadata.
- The function of the mashup page is the most valuable advantages of AGRIS for me
- AGRIS provides access to publications in agricultural sector in general even the most recent.
- Huge amount of information focused in Agricultural Science and Technology
- uncovering "unseen science" (not covered by the larger databases)
- Free/open access to valuable and relevant information.
Broad range of different types of information resource covered.
- The fact that it is interconnected with many sources and it works as a knowledge base on the domain.
- This is a fantastic database. I often find many unique records which are not retrieved/found in other databases. It also provides availability details and full-text links which are very useful. It is very strong in grey literature coverage. It has helped IWMI to disseminate its OA publications

Spanish

- La gran cantidad de información disponible para el sector agropecuario, el formato estandar para el intercambio y captura de datos, su motor de búsqueda.
- Es una ayuda poderosa para encontrar información

30. What are the disadvantages of AGRIS?

English

- Is not clear who is providing the information...continues to be more about "science and technology"...that tails needs to be review...Agriculture and food is more than that now..Review new CIARD approach.
- I would prefer a "AND" default search operator instead of "OR".
There are already so many bibliographic databases. Maybe people will prefer Google Scholar for example.
- I think nothing.
- every information is advantageous if better designed
- there is minimal documentation, tutorial , ...
- Little connections with other FAO resources (e.g. similar info from data.fao.org, eg maps, pictures).
- The platform is very good and I love it because well be useful for researchers but I wonder what will be the mechanism to capture information from all countries?
- the aforementioned
- None
- In my opinion, the lack of translation versions is the disadvantage that I found.
- Any
- Maybe too formal and serious
- Unclear what it is meant to be: resource discovery service, knowledge base) Coverage unpredictable
- Not as comprehensive coverage of the world journal literature as CAB Abstracts.
- The fact that it is viable and depends on other commercial services such as google's API

Spanish

- Acceder a los recursos referenciales



Questionnaire for the new AGRIS web portal

The AGRIS web portal is available under <http://agris.fao.org/>

| I. General appearance | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| This section was created to test whether the AGRIS interface is well structured and attractive in general. ➤ Please open the AGRIS web portal (http://agris.fao.org) and have a look at the page before answering the following four questions. | | | | |
| <i>(Only one answer possible)</i> | Strongly Agree | Agree | Disagree | Strongly Disagree |
| 1. The interface of the page is clear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. The interface of the page is intuitive | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. The colours of AGRIS... <i>(More than one answer possible)</i> <input type="checkbox"/> ... help to understand the functions of AGRIS. <input type="checkbox"/> ...add noise. <input type="checkbox"/> ...fit AGRIS very well. <input type="checkbox"/> ...are boring. <input type="checkbox"/> ...other comment: <div style="border: 1px solid black; height: 40px; width: 100%; margin-top: 5px;"></div> | | | | |
| 4. Do you have any suggestion to improve the AGRIS interface? <i>(Only one answer possible)</i> <input type="checkbox"/> No <input type="checkbox"/> Yes (please specify): <div style="border: 1px solid black; height: 100px; width: 100%; margin-top: 5px;"></div> | | | | |



II. Search

This section was created to check whether the search and advanced search functions on the AGRIS portal are clear.

➤ Please try out the search by typing in keywords like i.e. “maiz, Peru, seeds” or others.

➤ Please also try to filter the results before answering the following six questions.

| <i>(Only one answer possible)</i> | Strongly Agree | Agree | Disagree | Strongly Disagree |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 5. The default search operator is “OR” for a search with more than one keyword. <i>(i.e.: maiz Peru = maiz OR Peru).</i> The first results are those that combine most keywords and thus include all results that would also fit the search operator “AND”. In your opinion, is this the expected behaviour? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. It is clear, that to search for an explicit conjunction of words, key operators must be connected with an “+” or “AND” operator. <i>(i.e.: maiz +Peru = maiz AND Peru).</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Adding a filter will change directly the result set and update the query. What is your opinion about this function? <i>(More than one answer possible)</i> | | | | |
| <input type="checkbox"/> This function facilitates my search | | | | |
| <input type="checkbox"/> I have a neutral opinion on that | | | | |
| <input type="checkbox"/> I would prefer another click on the search button | | | | |
| <input type="checkbox"/> other comment: | | | | |
| | | | | |
| <i>(Only one answer possible)</i> | Strongly Agree | Agree | Disagree | Strongly Disagree |
| 8. Using the advanced search means to reduce the results by adding a filter with an AND operator. The use of advanced filters is clear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. The functionalities for the advanced search of publications are sufficient for me | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Overall, it is easy to search AGRIS | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



III. List of Search Results

This section was created to check the quality of search results of AGRIS.

- Please have a look at your search results before answering the following four questions.
- Please also have a look at the classical view to answer the questions 15, 16 and 17

| <i>(Only one answer possible)</i> | Strongly Agree | Agree | Disagree | Strongly Disagree |
|--|--------------------------|--------------------------|--------------------------|--------------------------|
| 11. AGRIS presents information on publications in an appropriate format | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. AGRIS provides information on publications that is relevant to me | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. AGRIS provides up-to-date information on publications | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. AGRIS provides accurate and sufficient metadata on publications | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. The design of the classical view of search results is clear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. In the classical view, bibliographic metadata is presented in an appropriate format | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. The search results in the classical view provide sufficient metadata | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. I am satisfied with the overall AGRIS search results | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Do you have any suggestions to improve the AGRIS search results or the way they are displayed? <i>(Only one answer possible)</i> | | | | |
| <input type="checkbox"/> No | | | | |
| <input type="checkbox"/> Yes (please specify): | | | | |
| <div style="border: 1px solid black; width: 100%; height: 100%;"></div> | | | | |



IV. Search Results Details

This section was created in order to test the mashup page that shows available details for one search result.

➤ To open the mashup page, please click on a search result.

| <i>(Only one answer possible)</i> | Strongly Agree | Agree | Disagree | Strongly Disagree |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 20. The mashup page is well structured and clear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Overall, the loading of the mashup page is fast enough for my needs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. I think that the available information through mashups is relevant to me | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. I think that the available information through mashups is sufficient for me | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

24. Do you have any suggestions to improve the AGRIS mashup page? *(Only one answer possible)*

No

Yes (please specify):



| V. General impressions | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|
| <i>(Only one answer possible)</i> | Strongly Agree | Agree | Disagree | Strongly Disagree |
| 25. Overall, AGRIS is easy to use | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. What improvements would you recommend for AGRIS? <div style="border: 1px solid black; height: 60px; margin-top: 5px;"></div> | | | | |
| 27. What functions do you miss on the AGRIS portal? <div style="border: 1px solid black; height: 60px; margin-top: 5px;"></div> | | | | |
| 28. Which problems have you found when using AGRIS? <div style="border: 1px solid black; height: 60px; margin-top: 5px;"></div> | | | | |
| 29. What are the most valuable advantages of AGRIS for you? <div style="border: 1px solid black; height: 60px; margin-top: 5px;"></div> | | | | |
| 30. What are the disadvantages of AGRIS? <div style="border: 1px solid black; height: 60px; margin-top: 5px;"></div> | | | | |
| <i>Thank you very much for completing this questionnaire!</i> | | | | |