

Ministry of Food, Agriculture and Livestock - General Directorate of Agricultural Reform - Control/Confirmity Screen of Geographic Information Systems Application

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SUMMARY

Agriculture Information System of The Ministry which is used for management of agricultural support and determine our country's agricultural fields has also internet-based geographic information system (GIS) application wich use the cadastral parcels and the images of the field for creating agricultural parcels. The concept of agricultural parcels, is agricultural production within the boundaries of the cadastral parcel.

This software that is use for creating agricultural parcels is like a desktop GIS programme which has a variety of arrangements, and also it is possible to use the images as a base map.

Agricultural parcel arrangements may be caused by changes in cadastral parcels or by differences in agricultural use on the image.

The personnel in charge of the geographical information system in 81 provinces can use this open source code software with a password anywhere on the internet. Also this software has a control/confirmation screen that Ministry staff in the offices of the provinces, can check the quality of the agricultural parcel edits for their province which are made by the operators on a non-live environment, with the control/confirmation screen. If any province reaches the expected accuracy rate of agricultural parcels arranged in non-living environment, it is activated in live environment. At the same time, the arrangements for the agricultural parcels are still being carried out by the provincial directorates of the Ministry as soon as they are deemed necessary, and no arrangements are made by the operators unless there are no errors in the parcels that are arranged by the staff in charge.

Weighting of the shares of total accuracy by importance level by rating position-attribute-cut / split

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operations on parcel basis on the control screen, random selection of the parcels, focusing on the screen to be controlled parcel, bringing different parcels into the screen in each control list to be created, automatic calculation of accuracy calculations, the control by provincial directorates can be controlled by the center has provided.

In this respect, the protection of the update of our country's agricultural land, besides the additions of fertilizers to be fertilized the personnel assigned to the provincial directorates are also allowed to serve as quality control units. Verification of the applications of our farmers for their agricultural support is made possible by showing the changes that are taking place in the agricultural parcels and giving support to the correct area.

In this study, the control / confirmation screens and working principles will be detailed.