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EFSA-PPR project on

"Data-collection of existing data on protected crop systems (greenhouses and crops grown under cover) in Southern European EU Member States"

FINAL REPORT

The project was contracted **(Contract CFT/EFSA/PPR/2008/06)** *to*

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Remark!!
The experience gained from the effort of collecting greenhouse data from MED countries implies that only very general data (greenhouse types and crop distribution) can be found with public authorities. Therefore, in order to assess the contamination risk and its possible pathways to human health and the environment it is recommended that a more "down the ground" approach is followed, i.e. well designed sampled surveys with growers' associations, consultants and individual growers. *Nick Sigrimis*

"Data-collection of existing data on protected crop systems (greenhouses and crops grown under cover) in Southern European EU Member States"

STRUCTURE FOR FINAL REPORT

SUMMARY

A group of experts, of Institutions having the closest contact with the greenhouse industry in the Southern EU countries has undertaken a study of locating sources for greenhouse data in the countries of Mediterranean Europe. Although a significant effort has been invested, the sources found with public agencies were of very limited information. More specifically, concerning to Greece the greenhouse industry has a significant role in agricultural income and is one of the few profit making cropping systems. In Greece Crete island hosts about 55% of greenhouse area and together with Peloponnesus represent more than 80% of total country level area.

In Italy, protected horticulture is mainly concentrated in the South, especially in Sicily. Important greenhouse districts are also located in other regions, such as Veneto, Lazio, Sardinia and Liguria while the greenhouse industry plays a huge social-economic role Ragusa province, in Sicily.

The greenhouse industry plays a significant role in Spanish agriculture as well. Proof of this is the big surface devoted to greenhouse production and other intensive cultivation systems such as mulching and small tunnels. Most greenhouses are expected to continue being located in coastal areas such as Almeria and neighbouring provinces (Murci, Alicante and Granada) as well as at the Canary Islands. Interestingly a half-season agriculture under shade houses is slowly developing inland Spain.

Furthermore, there have been collected a few data regarding the Protected Crop Systems in France, Portugal and Malta. In all three countries, the data were either little or there were no records. A brief overview of the crop structures in Southern European MS is given in intable 1 below.

Conclusively, the future work should be focused on more detailed data collection, as outlined in Outlook. For environmentally sensitive information, like methods of pesticide applications and water with fertilizer use, there must be some specific action within the survey. It appears that today there are innovative equipment manufacturers but their method has never been examined or certified for the environmental goodness. In some cases these new methods are useful for environmental conservation but some others are harmful, to the environment or the operators, but have never been examined by an approapriate public agency. A special

section must be devoted to such sensitive operations, the main focus of this study, and EFSA may influence the food safety directives or the GAP protocols. The reporters should come to a more close contact with the growers' associations, in order to confirm the validity of the data collected.

Table 1: The crop structures in Southern European MS

COUNTRY	Structure as given in EFSA Coding Manual	Structure as given from data source	Area in ha
Greece	• Greenhouses • Glasshouses • Low cover	• Plastic greenhouses • Glassy greenhouses • Low cover	• 4826,4 • 88,1 • 7614,3
Cyprus	• Low cover • Greenhouses	• Covered area • Greenhouses	• 167,5 • 113,1
Italy	• **Crop protection (total)** • Greenhouses • Greenhouses • Glasshouses • Walk in tunnels • Low tunnels • Plastic shelters	• **Crop protection (2008)** • Plastic greenhouses and big tunnels (2002) • Low technology greenhouses (2002) • High technology greenhouses (2002) • Medium tunnels (2002) • Little tunnels (<0.90m3/m2) (2002) • Table grape cover	• **65800** • 24300 • 1000 • 3000 • 500 • 24500 • 12500
France	• Glasshouse • Covered area	• Glasshouse • Covered area	• 2200 • 9211
Spain	• Greenhouses • Low tunnels • Soil cover or mulching	• Greenhouses [Parral single and multy span, flat roof] • Tunnels • Mulching	• 50365 • 13669,3 • 45174,9
Portugal	• Greenhouses	• Greenhouses	• 1567

1. TECHNICAL SPECIFICATION GIVEN BY EFSA

1.1 CONTEXT

On April 1st, 2008 the EFSA Executive Director requested the Scientific Panel on Plant Protection Products and their Residues (PPR) to develop a new EU Guidance Document on emissions from protected crop systems (greenhouses and crops grown under cover) since scientific knowledge in this field has evolved in recent years. In this context, the Working Group (WG) Emissions from protected crop systems / Fate has been created to fulfil the Terms of Reference. The present contract should provide essential data to support this task.

1.2 OBJECTIVE OF THE ASSIGNMENT

The contractor was expected to collect data in an organised and agreed structure from Member States in a determined geographic area of the EU. This procedure concerns the Southern European region.

1.3 SCOPE OF THE ASSIGNMENT

The contractor was expected to perform the following tasks:

- To collect data on protected crop systems in EU Member States in Southern Europe by completing the attached Excel sheet with the needed information[1]. The Member States for which data should be collected are Italy, Spain, France, Portugal, Greece, Cyprus and Malta.

  The level of detail should be the best currently available geographic representation at Member State level.

- To produce two reports. One short report providing the methodology for the data collection one month after signature of the contract. A second report on the process of

[1] Document 2008.09.04 guidance for data collection of protected crop information.doc. Document 2008.09.04 Table for protected crop information.xls. Document 2008.09.04. An example of presentation of protected crop information.xlx. Document 2008.09.22 Examples of Greenhouse growing systems.doc.

the data-collection and the quality and validity of the data six months after signature of the contract.

- To communicate on a monthly basis on the progress in the data collection.
- As part of the second report to draft a short proposal on how supplementary data-collection in the Southern European region could be undertaken.

1.4 DELIVERABLES, TIMING AND PAYMENTS

Item	Deadline for delivery	Resulting payment
- Short report on the methodology for the data collection and the evaluation of the validity of the data	Within 1 month from the start of activities	Interim payment of 30% of the budget
- Progress reports on data collection	Reporting on a monthly basis	-
- Delivery of the data in the agreed form and format with a explanatory report	Within 6 months from the start of activities	Balance payment of 70% of the budget

2. METHODOLOGY

2.1. INTRODUCTION

The following report refers to the summarization of the collected data regarding the protected crop systems in Southern European EU Member States such as Italy, Spain, Malta, France, Cyprus, Portugal and Greece. The collaborated partners are:

1. the department of Crop Biology of the University of Pisa,
2. the Institut de Recerca i Tecnología Agroalimentaries (IRTA) in collaboration with Los Palmerias Cajamar Institute in Almeria, and
3. the Laboratory of Agricultural Mechanization and Automation of the Agricultural University of Athens.

For the partners' full details, see Appendix I.

2.2. GENERAL TERMS

All data will have source identification or, if not possible, just the reporting media.

All data will have a validity or uncertainty index.

Cross validation or sampling and extrapolating will be used, respecting qualitative statistics rules.

If sample data cannot be generalized they will be treated such as to contribute to some statistics (central values, max or min, etc) of the assessed data.

Regarding Greece, the collected data can be distinguished in two categories: greenhouses (plastic / glassy, heated / non-heated) and low covered structures.

Data collected in Spain refer to three categories of protected crops: a) mulching, b) tunnels (walk-in tunnel, low plastic tunnel, low shade tunnel) and c) greenhouses.

In Italy, data from ISTAT refer to "protected crops" and it is not possible to distinguish between the main categories identified by EFSA in the document entitled Examples of

protected crop systems' [www.efsa.europa.eu), which are the following: mini-tunnel, walk-in tunnel, plastic shelter, shade/net hose and greenhouse/glasshouse. Some categorization was found in the paper published by Pacini (2004).

2.3. POSSIBLE PROBLEMS AND SOLUTIONS

During the collection of data, all Member States met specific problems, solutions for which were suggested by the Contractor. The most important ones are shown at the following table.

Table2: Possible Problems and Suggested Solutions during collection of data.

Existing/Foreseen problems with data collection	**Suggested solutions by the Contractor**
Not well defined and incompatible criteria for master table i.e. some features refer to total area but others refer to individual growers.	Time was devoted in a meeting to thoroughly discuss and produce the Master table.
Fix the parameters regarding protected crop structure (construction type, ventilation, irrigation, applicator).	Must develop a sensible categorizing tree and from there the Master Table (it is not a trivial job, as it has been an attempt in many R&D[2] projects).
Load parameters (KGs, Frequency) must have more than just an average.	Process data with **avg**, and **std** or **max/min**[3] values.
Data are often partial or refer to a higher or lower categorization level.	Develop a procedure for extra / interpolating or splitting categories and mark data accordingly.
Collected / published data are often contradictory or inconsisted.	Develop an acceptable procedure common to all contractors.

More specifically in Italy, apparently there were neither the needs nor the resources for

[2] Research & Development, see Appendix III, List of Abbreviations

[3] Average, Standard Deviation, Maximum/Minimum, see Appendix III, List of Abbreviations

detailed data gathering about the technical characteristics of protected crops. Most of available data come from general census for the agricultural sector. In an official letter sent to the subcontractor UNIPI, the Regional Assessorate for Agriculture and Forestry of Sicily stated that they do not have any statistical data about the greenhouse industry, notwithstanding it is one of the most important sectors in that region, where economy is largely based on agriculture and horticulture.

The general approach will be based on:

Preliminary analysis of existing data provided by EUROSTAT and other sources at national or regional level, such as National Statistical Services and Agricultural Ministerial Databases were consulted and data harmonization was attempted by the Project Team. Most importantly, in terms of acreage and production volume, in all countries (Italy, Spain, Malta, France, Cyprus, Portugal and Greece) more sources of local organizations were investigated and existing data were collected. Most likely, this analysis provided the required information about the acreage of selected crops or crop groups in each country with limited or no data about the diffusion of specific growing systems (e.g. open and closed soilless growing systems) and/or pesticide application methods as those listed in the Excel file attached to the Technical Specifications.

2.4. COLLECTED DATA FOR EACH MEMBER STATE

Existing nationally collected data had been gathered and analyzed by the end of March 2009. Sources of such data in Southern Europe that have been identified are as follows:

2.4.1. GREECE

1. National Statistics Services of Greece http://www.statistics.gr/
2. Ministry of Rural Development and Food, general Directory of plant Production, Direction of Horticulture (Mr Karapas)
3. National Agricultural Research Foundation (NAGREF)
4. Regional and Local Sources (cover 80% of GHs of Greece) (For full details, see Table 1, Appendix I).

2.4.2. CYPRUS

1. Statistical Service of the Republic of Cyprus - http://www.mof.gov.cy/mof/cystat

2. Agricultural Research Institute (ARI)//http://arinet.ari.gov.cy/

3. Ministry of Agriculture of Cyprus.

2.4.3. ITALY

The official source in Italy for the collection of data was ISTAT and also some other different regional sources, which are shown at Table 2, Appendix II .

2.4.4. FRANCE

Table 3: List of contacted institutions in France.

Name	City	Category	Contacted person
INSEE	Orléans	Public	André Vanoli
CPA	Paris	Producer Association	Michel Loubry – Chairman
CTIFL	Paris	Public	François Rinaldi

Abbreviations: INSEE, Institut national de la statistique et des études économiques; CPA, Comité des Plastiques en Agriculture; CTIFL, Centre Technique Interprofessionnel des Fruits et Légume.

2.4.5. SPAIN

5. Instituto Nacional de Estadística. (National Statistics Institute) < www.ine.es >

6. Ministry of Agriculture, Fisheries and Food < www.mapa.es/portada_en.htm >

7. Regional and Local Sources:

- Fundacíon Cajamar (classified as General Interest Foundation). Paraje Las Palmerillas

25. El Ejido Almería (Spain) http://www.fundacioncajamar.es/

- Coexphal. Growers Association for Exportation of Horticultural Produce. http://www.coexphal.es/
- IFAPA. Research Center owned by the local government of Andalucia.
- Junta de Andalucía. Department of Agriculture and Fisheries. Government of Andalucia

  http://www.juntadeandalucia.es/innovacioncienciayempresa/ifapa/servlet/

2.4.6. PORTUGAL

8. Universidade de Evora, contact Fatima Baptista

9. Lisbon University contact Jorge Meneses

2.5. FURTHER ON METHODOLOGY

The general approach was based on:

1. Preliminary analysis of existing data provided by EUROSTAT and other sources at national or regional level, such as National Statistical Services and Agricultural Ministerial Databases was consulted and data harmonization was attempted by the Project Team. Most importantly, in terms of acreage and production volume, countries (Spain, France, Italy, Greece) more sources of local organizations were investigated and existing data were collected.

2. From the analysis of available statistical data the most important countries and NUTS, a number of important areas and crops, for all protection structures of interest, not only "greenhouse and glasshouse" (e.g. table grape and strawberry under plastic shelters), have been identified. Among them, the most interesting protected cropping systems (PCS) was selected on the basis of criteria concerning their distribution in Southern Europe and the expected level of pesticide application. A few examples of PCS are tomato in Almeria (Spain) and Sicily (Italy), cucumber in Crete (Greece), and table grape or strawberry in Sicily.

3. SPECIFIC INFORMATION FOR EACH MEMBER STATE

The Member States were asked to deliver:

- Specific information, including data sources, "dictionary" (=greenhouse terminology in local language)
- Description of assumptions for filing the gaps, if any, by the project team
- Description of each additional data source

3.1. GENERAL RESULTS

3.1.1. GREECE

The replies from the Organization of Payments and Auditing of the Community's Economical Support (OPEKEPE) as well as from the growers' associations are still in expectance; while the results from the National Statistical Service of Greece in collaboration with the Hellenic Ministry of Rural Development and Food are presented on the Tables 1-14, Appendix II. The data refer to the horticulture as well as to the flowers' cultivation for the years of 2006 and 2007 respectively. Regarding to the horticulture's cultivation there was provided a detailed list of the most important cultivations in Greece in combination with the protected system. The data of the cut flowers were also provided by the Hellenic Ministry of Rural Development and Food. Due to the long list of the data gathered, on the tables will appear only a summary while the total data will be presented on the access data base.

The majority of the covered areas in Greece appear to be low plastic tunnels. In Western Greece the percentage of covered areas under low pastic tunnels, is five times and in Thessaly ten times higher than the greenhouses' areas. In Crete, Central Macedonia and Aegean Islands, the greenhouses areas are more than the low covered areas.

In Greece, the low cover structures are used almost two times more than the plastic none heated greenhouses that come second. The glassy greenhouses are used in the lowest percentage as it is mentioned on Table 2, Appendix II. Based on the provided data, in Crete it is produced the majority of the horticulture plants in mostly unheated plastic greenhouses.

Western Greece appears to have the highest production in low cover cultures, three times higher than the Thessaly, which comes second. Additionally, Thessaly is the second region in Greece in the use of none heated plastic greenhouses (Table 2, Appendix II). Peloponnesus is the third region in Greece after Western Greece and Thessaly, where there the plastic- non heated greenhouses are used. Finally, Ionian Islands and Western Macedonia appear to have the lowest covered cultivated horticultures (Table 3, Appendix II).

Regarding to the specific plantations, tomato, cucumber and pepper are mainly cultivated in Crete in plastic and non heated greenhouses (Tables 2, 3 & 6, Appendix II). Melon and water melon are almost exclusively cultivated in low cover constructions as it concludes from the Tables 10 & 11, Appendix II respectively. The main cultivation of water melon is fulfilled in Western Greece, Peloponnesus and Thessaly, while in Thessaly and Western Greece appear to be produced the majority of the melon as well (Tables 9 & 10, Appendix II)

Regarding to the flowers' cultivations almost the entireness of the cultivation is made in greenhouses without being specified the kind and the conditions of heating. Finally, the majority of the flowers' cultures were done in Attica and central Macedonia (Table 12, Appendix II).

3.1.2. ITALY

Protected cultivation is quite spread in Italy on account of its mild climate in winter. The diffusion of protected cultivation in Italy as well as in other Mediterranean countries began in the late '50 and early '60, when industry started to produce plastic films suitable for cropping systems. Since '50, greenhouse crops have been increased continuously due to the growing demand for out-of-season products. Nowadays, the overall greenhouse-covered area in Italy is about 35,000 ha, of which approximately 30,000 ha are devoted to vegetables and some fruits (strawberry). If low tunnels and nonwoven fabrics are included, protected crops are now something like 50,000 ha. In the southern regions, mostly in Sicily and Apulia, about 38,000 ha host covered table grape, which is largely exported.

Greenhouse crops are scattered all over the country, but the most representative areas are located, moving from the North to the South, in Lombardia, Veneto, Liguria, Toscana, Lazio, Campania, Sicilia and Sardegna. In the North (Piemonte, Veneto, Lombardia and Emilia-

Romagna) there are nearly 8,000 ha, while about 15,000 hectares were set up in three Southern Regions (Puglia, Campania and Sicilia). Another important greenhouse industry has been set up in Lazio (Central Italy), where more than 6,000 ha are cultivated in both greenhouses (vegetables) and glasshouses (cut flowers and ornamental). Greenhouses are particularly widespread along the seacoast, which has a mild winter climate. The main vegetables are tomato, strawberry, melon, pepper, zucchini, lettuce and eggplant, while rose, carnation, chrysanthemum, bulb species and gerbera are the most important cut flower crops.

Different types of greenhouses and protection structures can be found ranging from wooden structures covered with plastic film to glasshouses fully equipped for automatic climate control and internal plant transportation. Most greenhouses are covered with plastic films (PE, EVA[4]), with an emergency heating system or lacking heating altogether. Strawberry, vegetables and some flower crops are usually cultivated in very simple greenhouses, whereas other flower crops and pot plants are grown in more sophisticated glasshouses.

The favourable climatic conditions in the southern region make it possible to use simple and cheap structures also for winter cropping of warm-season species, such as Solanaceae and Cucurbits. These structures include greenhouses made with wood and plastic films as well as walk-in or low plastic tunnels. Early vegetables are produced also in small row-covers that are set-up at the beginning of growing season and maintained for 1-2 months.

In Italy, protected cultivation of tree fruits is also used for earlier ripening of table grape (and delayed harvesting, too), peach, nectarine, and plum.

Cut flower production moved towards southern regions due to the best climate, the lower cost of land and labour, the less severe legal constraints to greenhouse building, as well as the availability of public funds to support new enterprises and updating existing structures. On the contrary, the cultivation of pot plants is concentrated in the North in well-equipped glasshouses, where saving energy and labour is a must.

Greenhouse production is usually based on small-size farms (less than 1 ha), which are owned and carried out by families with seasonal hand-labour provided mainly by people from non-

[4] PE:PoyEthylene, EVA:Ethyl Vinyl Acetate. EVA is an additive incorporated to PoyEthylene in a percentage of about 12%. With this the new film is more transmissive to solar radiation, much more opaque to IR radiation but…the thermal expansion coefficient is increased and dust sticks more to the film surface. This is way it is used as the central layer of three-layer coextruded films.)

EU countries.

In the recent past, a process of technological updating has occurred with the aim to improve production efficiency and save resources like energy, labour and water as well; anyway, saving water is the last objective, since this resource is free of charge. The main aspects of this process of updating are represented by the utilisation of integrated pest management, drip irrigation and fertigation, and, more recently, soilless growing techniques. In general, Italian growers tend to invest more in growing technology (including fertigation) than in greenhouse structure and climatic control. As matter of fact, the adoption of more sophisticated technologies for energy saving, climatic control as well as plant transportation inside the greenhouse have been restricted to the cultivation of pot plants.

Increased demand for healthy foods and the needs to reduce environmental impact have forced the growers to adopt integrated (sustainable) production systems.

Soilless culture is attracting attention as a tool to increase crop yield, improve produce quality, conserve energy and water, and reduce the needs of labour and pesticide treatments. However, the application of hydroponics technologies is limited and the main sector is for sure the production of pot ornamentals, while vegetables and flower crops cultivated hydroponically is limited with a total area around 1,000 ha, although a reliable statistics is not available.

"Apofruit Italia" is the main cooperative enterprise for horticultural food crop retails in Italy with more than 100 associated growers. It is a consortium of farms located all over Italy with 11 production plants and 6 storage/distribution centres. Provided data are reported in Table 18, Appendix II by using EFSA required terminology for protective structures. No other data were supplied.

San Remo Flower Market is the most important flower trading centre in Italy. It offers a complete range of cut flowers, fronds and leaves, with particular reference to typical Mediterranean species. Dr. Gimelli, on behalf of San Remo Flower Market, provided detailed data about ornamental crops (Capurro et al., 2006). The report[5] has been carried out for the "Rural Development Plan" of Liguria Regional Government. The main aim of the report was to collect useful data for ISTAT studies and other socio-economical investigations about

[5] The report provided by Dr. Gimelli on behalf of San Remo Flower Market (Capurro_et_al_2006.pdf) is attached to the present document in electronic format.

ornamental plants. 911 farmers were contacted and the report provide some data of interest to EFSA (Table 19, Appendix II).

The study has been conducted for each administrative province (Imperia, Savona, Genova, La Spezia) and collected data concerns the following aspects : total grown areas (open air and greenhouse areas), heating greenhouses, propagation material and some aspects on fertirrigation (e.g., adopted system for the mixing of nutrient solution) and socio-economical aspects on the employment in ornamental plants. Unfortunately, the parameters previously mentioned are not completed for all the provinces (e.g., area for soilless crops is reported only for Imperia province).

The main ornamental crops of the conducted survey in Liguria are: i) cut flowers: roses, ranunculus, Dianthus spp., marigolds, daisies, Anemone spp., Sterlitzia spp. (in Imperia province) and Dianthus spp., Chrysanthemum spp., Pelargonium spp. (in Savona, Genova and La Spezia provinces); ii) cut foliage (fronds and leaves): brooms, mimosas, Ruscus spp., Pittosporum spp., eucalyptus; iii) pot plants: Fuchsia spp., Cyclamens spp., and succulent plants.

Interestingly, Pacini (2004) reported the consumption of plastic material for covered crops in Italy during 2002, including area for table grape (Table 3).

Table 4: Use of plastic material in protected crops in Italy in 2009 (Pacini, 2004).

Description of protective structure	Area (ha)	Yield (t)
Plastic greenhouses and big tunnels (>3,50 m^3/m^2) *	24,300	54,675
Low technology greenhouse	1,000	2,000
High technology greenhouse	3,000	-
Little tunnel (<0,90 m^3/m^2) *	24,500	29,350
Medium tunnel (PVC)	500	650
Total acreage for food and ornamental crops	53,300	86,675
Table grape under plastic cover	12,500	25,000
TOTAL Italy	**65,800**	**111,675**

** Volume/area ratio.*

Contrasting to Pacini (2004), Buttaro (2009) stated that total area for table grape protected crop reached roughly 32,000 ha in 2008, based on ISTAT investigations. The cultivation of this

species is mainly focused in Puglia and Sicily with 20,380 ha and 7,700 ha, respectively. Table grape under protected area is grown by using protective plastic film to cover the yield surface. Plastic films can be of two different thickness: 0.15 mm – 0. 20 mm or 0.06 – 0.07 mm thick for temporarily (the crop is without protection during summer due to high temperatures) or permanently covered crops area, respectively.

3.1.3. FRANCE

The public institutions selected as contact of the survey in France are: the National Institute for Statistic in France (INSEE); the Centre Technique Interprofessionnel des Fruits et Légumes (CTIFL) and the Comité des Plastiques en Agriculture (CPA). The request letter has been sent to all contacts by post and by e-mail (only for INEE) on 25 May, 2009. No entities replied. Tables 8 and 9 report the total area, the growing media, the heating conditions and the material used in protected crops in France in 2000 & 2005 (source: AGRESTE and CPA). Concerning the soilless crops, CPA (http://www.plastiques-agriculture.com) estimated 1,700 ha during 2005.

3.1.4. MALTA

For Malta, the National Institute for Statistic (NSO; http://www.nso.gov.mt) was contacted without reply. However, on the NSO official website one document reports that there is no greenhouse on the island, while according EUROSTAT about 60 ha, approximately, were covered for food or ornamental crops in 2007.

3.1.5. SPAIN

Spain holds approximately 50365 ha of greenhouses (Spanish Ministry of Rural & Marine Environment, 2007) being the first European country regarding covered area. The main greenhouse areas are the coastal provinces of Almeria, Murcia and Granada, in the Southeast of the Iberian Peninsula, and the Canary Islands in the Atlantic Ocean. Near 90% of the total protected area in Spain is devoted to vegetable crops; the rest being dedicated to flowers, ornamentals and banana tree. Horticulture is also done with the use of mulching and small non walk-in tunnels.

Tomato, pepper, melon, water melon, cucumber, courgette, marrow and green beans are the most important crops in Spain,

3.1.6. PORTUGAL

According to a 2000 study conducted by the Ministerio da Agricultura do Desenvolvimento Rural e das Pescas, (Gabinete de Planeamento e Politicas), to determine the main features of the greenhouse production sector in Portugal, the total greenhouse surface in Portugal at that time was 1567 ha. of which 1162 were for vegetable production and 405 ha for flowers and ornamentals. (Table 12). Carnations, gerbera and roses are the main cut flowers in Portugal.

3.2. SPECIFIC RESULTS FOR EACH MEMBER STATE

Since the collected data were not precise enough in order to cover the needs of EFSA, they are categorized and presented in most possible detail. More specifically, there will be presented data as follows:

- Region- crops
- Region-structures
- Region- technology (in matter of heating systems)

3.2.1. GREECE

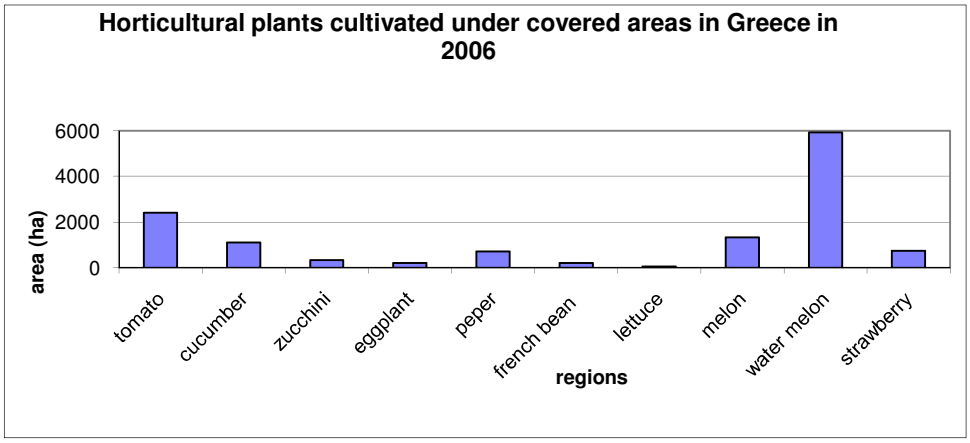
The total area of horticultural crops under protective structure in Greece (2006) is shown at the following table:

Table 5: Total area in 0.1 ha of horticultural crops under protective structure cultivated in Greece in 2006.

	greenhouses				low cover	TOTAL
	heated		non heated			
	glassy	plastic	glassy	plastic		
Eastern Macedonia & Thrace	10,6	43,9	0	19	120	**193,5**
Central Macedonia	14	249	0	539,9	404	**1206,9**
Western Macedonia	0	4	0	2,5	0	**6,5**
Epirus	1	130,8	0	88,6	0	**220,4**
Thessaly	1,9	74,3	0	51,1	1375,5	**1502,8**
Central Greece	0	24,4	0,8	5	250,8	**281**
Western Greece	2	92,8	0	740,4	4276,5	**5111,7**
Peloponnese	5,5	296,4	0	293,5	1074	**1669,4**
Aegean Islands	2	70,5	0,4	99,5	75,5	**247,9**
Ionian Islands	1,5	13,1	0	10,4	17	**42**
Crete	6	67,8	4,8	2004,2	172,5	**2255,3**
Attica	37,8	89,2	0	0,2	22,5	**149,7**
TOTAL	**82,3**	**1156,2**	**6**	**3854,3**	**7788,3**	**(ha)**

The results from the National Statistical Service of Greece in collaboration with the Hellenic Ministry of Rural Development and Food are presented on the Tables 1-13, Appendix II. The data refer to the horticulture as well as to the flowers' cultivation for the years of 2006 and 2007 respectively. Regarding to the horticulture's cultivation there was provided a detailed list of the most important cultivations in Greece in combination with the protected system. The data of the cut flowers were also provided by the Hellenic Ministry of Rural Development and Food. Due to the long list of the data gathered, on the tables will appear only a summary while the total data will be presented on the access data base.

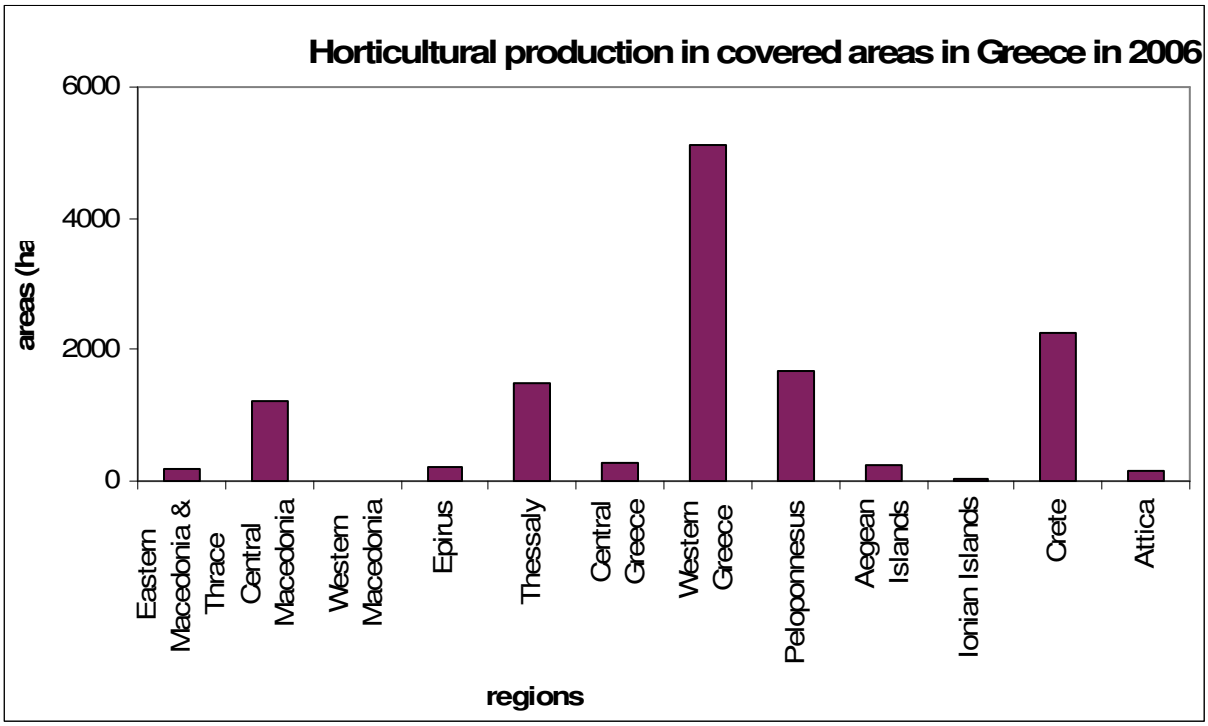
- Region-crops



Graph 1: Horticultural plants cultivated under covered areas in Greece in 2006.

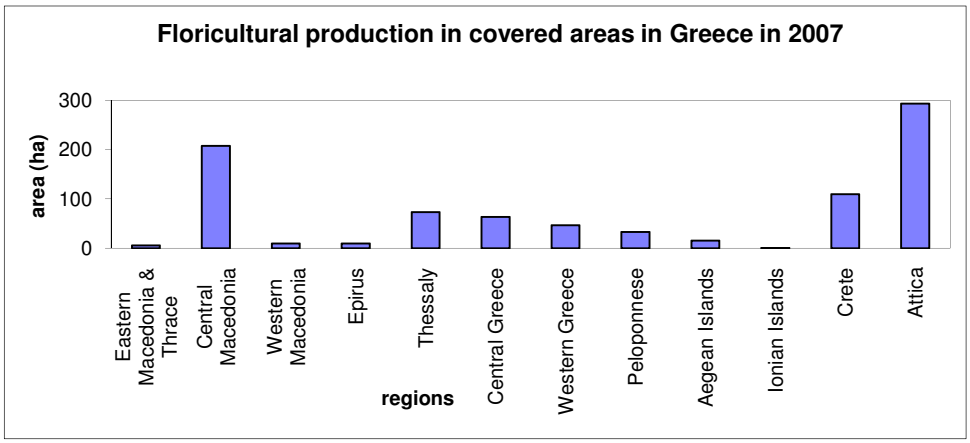
The water melon cultivation under cover appears to the highest in 2006 in Greece. Its value is almost three times higher than the tomato cultivation which comes second. At the last places come the lettuce and the eggplant production.

- Region- total cultivation



Graph 2: Horticulture production in covered areas in Greece in 2006.

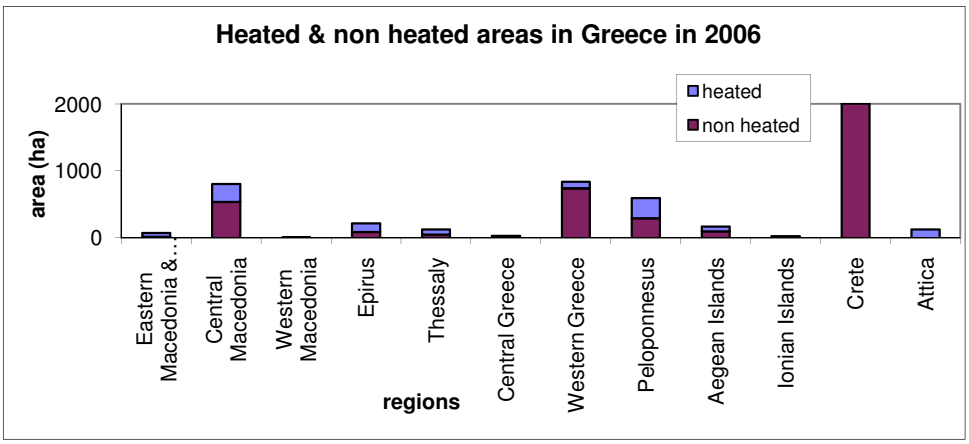
Western Greece shows the highest amount of covered areas in Greece, while Crete comes second, followed by Peloponnesus, Thessaly and Central Macedonia, while in Attica, Western Macedonia and Ionian Islands the amount of the covered cultivated areas is the lowest in the country.



Graph 3: Floricultural production in covered areas in Greece in 2007

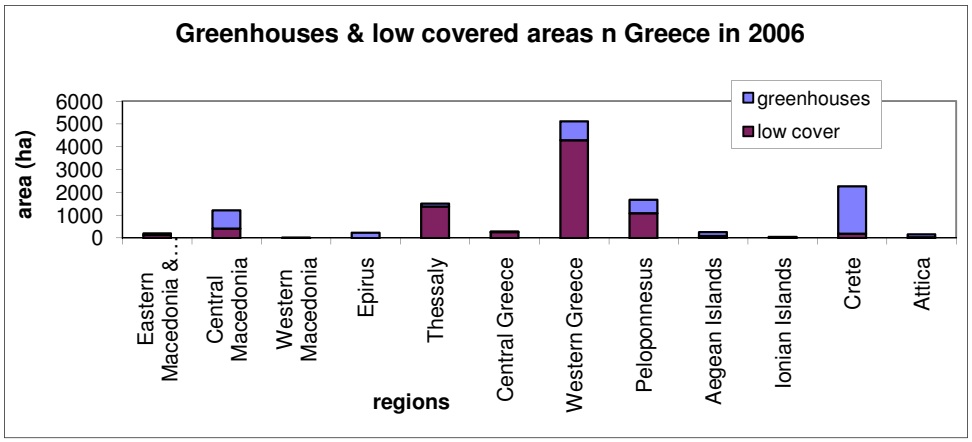
In matter of the floricultural production, in Attica there is located the major number of covered structures

- Region-technology (heated- unheated structures)



Graph 4: Heated and non heated covered areas in Greece of the year 2006.

The great majority of the covered cultures in Greece are none heated. Nevertheless, in Peloponnesus and Central Macedonia are located the most heated greenhouses, while in Crete and Western Greece almost all the greenhouses are none heated.



Graph 5: Greenhouses and low cover areas in Greece in 2006

3.2.2. CYPRUS

The Greenhouse Cultivation in Cyprus is shown at the following tables:

Table 6: Greenhouse Cultivation in Cyprus Vegetables

* Seasonal non walk able greenhouses (ground covers) are not included.

District	Greenhouse Type*				Heating		Forced Ventilation		
	Multispan >3m (ha)	Multispan 2-3m (ha)	High Tunnels 3-3.5m (ha)	Low Tunnels 2-2.5m (ha)	Air Heater (ha)	Water Boiler (ha)	Fan/Pad Cooling System (ha)	Extractor Fans Only (ha)	Water Misting (ha)
Paphos	9,78	47,265	1,415	15,233	20,4	5,43	0,4	1,95	-
Famagusta	12,665	29,685	4,118	19,911	33,08	0,25	0,25	1,35	0,25
Larnaca	13,53	13,445	39,65	25,80	22,725	4,46	0,85	6,285	2,95
Limassol.	2,32	21,63	1,6	4,56	16,96	3,1	1,41	4,23	-
Pitsilia	0,3	15,46	-	-	0,3	-	-	-	-
Nicosia.	1,54	-	0,76	0,03	1,13	-	-	-	-
Sub Total	40,035	12,7485	47,543	65,534	94,595	13,24	0,291	13,815	3,2
Total	**280,597**				**33,71%**	**4,72 %**	**1,04%**	**4,92 %**	**1,14%**

Table 7: Greenhouse cultivation in Cyprus according to Crop

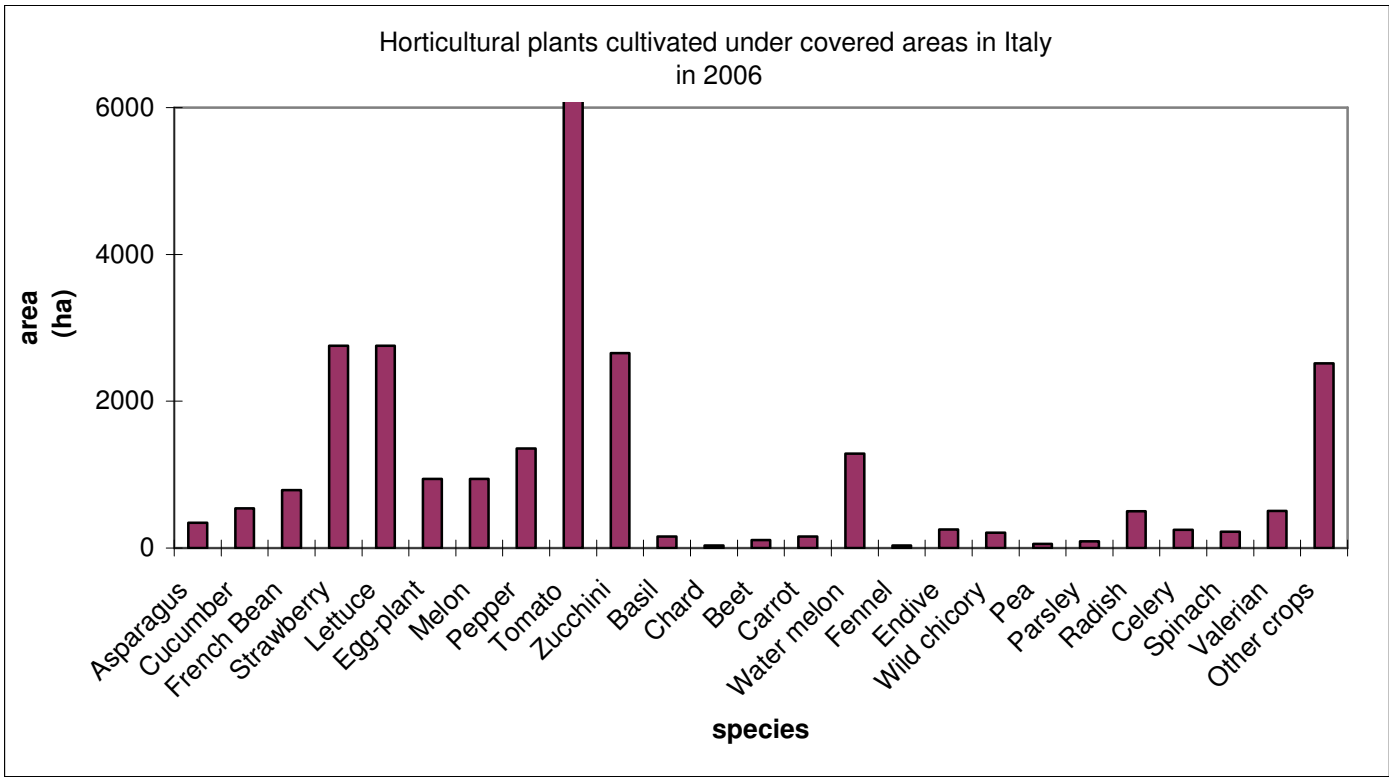
Cultivation	Area (ha)
Tomato	102,39
Cucumber	89,56
Aubergene	14,65
Peppers	12,12
Beans	20,53
Courgettes	9,00
Strawberry	32,35
Flowers	44,50
Pot Plants	20,60
Total	**345,70**

Table 8: Soilless Culture in Cyprus

Substrate	Flowers (Roses & Cerbera) (ha)	Vegetables (ha)	Total (ha)
Perlite	0,5	0,5	1,0
Coco Peat	4,0	1,9	5,9
Rock wool	1,2	5,5	6,7
		TOTAL	**13,6**

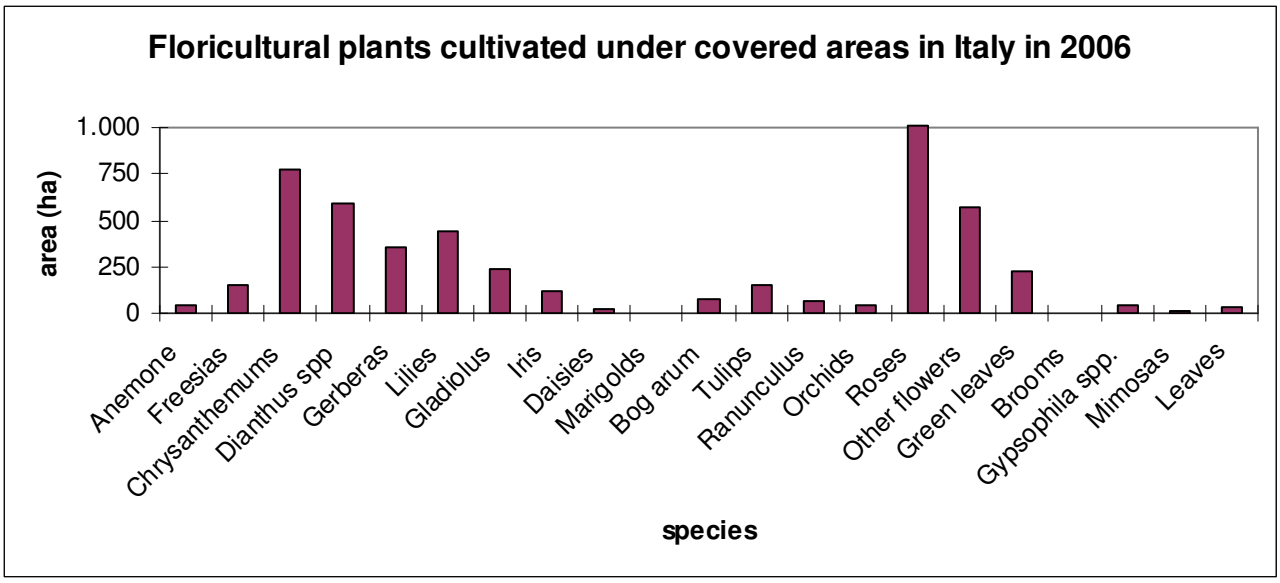
3.2.3. ITALY

- Region-crops



Graph 6: Horticultural plants cultivated under covered areas in Italy in 2006

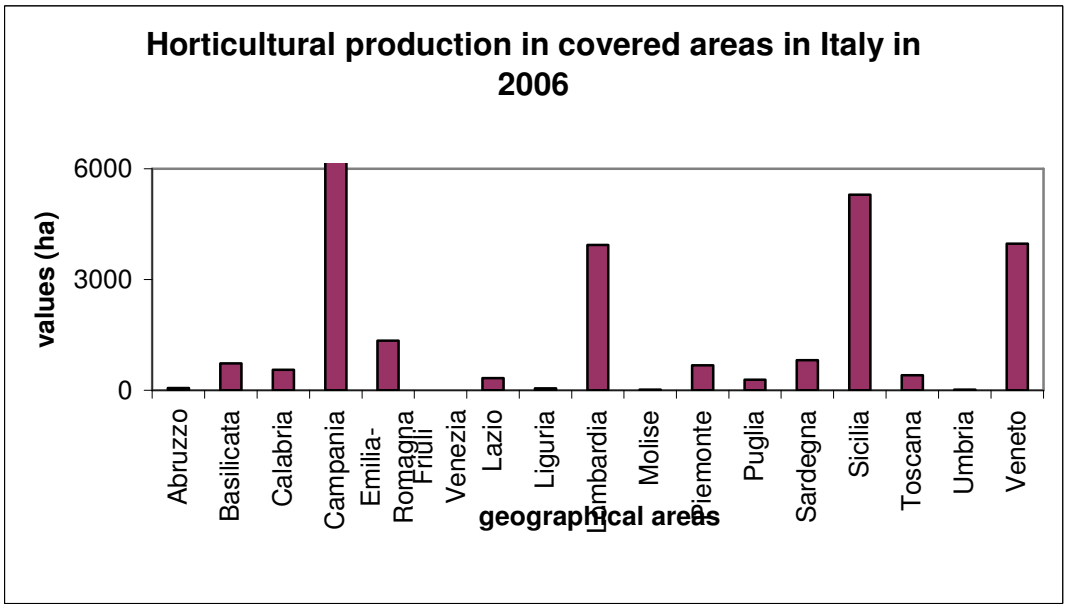
Tomato appears to be the cultivated mostly under covered structures in Italy. Its percentage is almost two times higher than strawberry, egg-plant and zucchini that come at the second place. On contradictory, chard, fennel, pea and parsley are cultivated at least under covered areas.



Graph 7: Floricultural plants cultivated under covered areas in Italy in 2006.

As it shows at graph 7, roses and chrysanthemum are mostly cultured under covered areas.

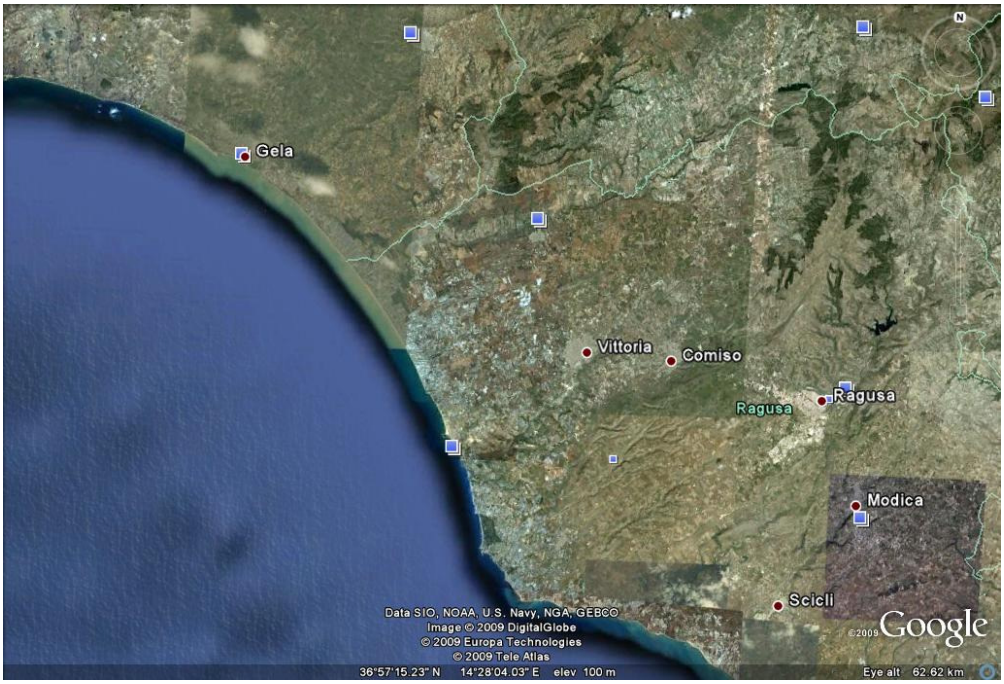
- Region- total cultivation



Graph 8: Horticultural production in covered areas in Italy in 2006.

As it shows on the graph 7, the highest amount of under covered cultures appear in Campania, Lombardia, Sicily and Veneto, while in Abruzzo, Umbria Molise and Liguria are almost zero.

The total area and yield of horticultural food crops, cut flowers, cut foliage and pot ornamentals are given in Tables 14, 15, 16 and 17 repectively, Appendix II.



A satellite image of Ragusa province, in Sicily, where the most important greenhouse industry in Italy is located (retrieved from http://maps.google.com/, October 2009)

3.2.4. MALTA

As mentioned in §2.1.4 according to EUROSTAT about 60 ha, approximately, were covered for food or ornamental crops in 2007.

3.2.5. FRANCE

Table 9: Greenhouse surfaces and greenhouse material used in protected crops in France during 1997 (Boulard T., pers. Comm..) and 2006 (http://www.plastiques-agriculture.com).

Covered area	Area 1997 (ha)	Area 2005 (ha)
Tunnel	4,865	9,200
Greenhouse in plastic material	1,013	
Glasshouse	2,230	2,200
TOTAL France	8,108	11,400

Table 10: Covered areas and administrative regions of protected crops in France during 2000 (Boulard T., pers. comm.).

Region	Heated Soilless (ha)	Heated soil (ha)	Non Heated soil (ha)	Food crop (ha)	Flower crop and pot plants (ha)
Alsace	n.a.	n.a.	n.a.	0	57
Aquitaine	75	45	865	15	134
Auvergne	n.a.	n.a.	17	3	25
Bourgogne	10	22	88	3	64
Bretagne	176	41	324	63	146
Centre	53	62	230	42	114
Champagne	3	9	27	1	42
Corse	n.a.	n.a.	15	3	8
Franche Comte	n.a.	n.a.	n.a.	0	19
Ile de France	7	21	98	10	115

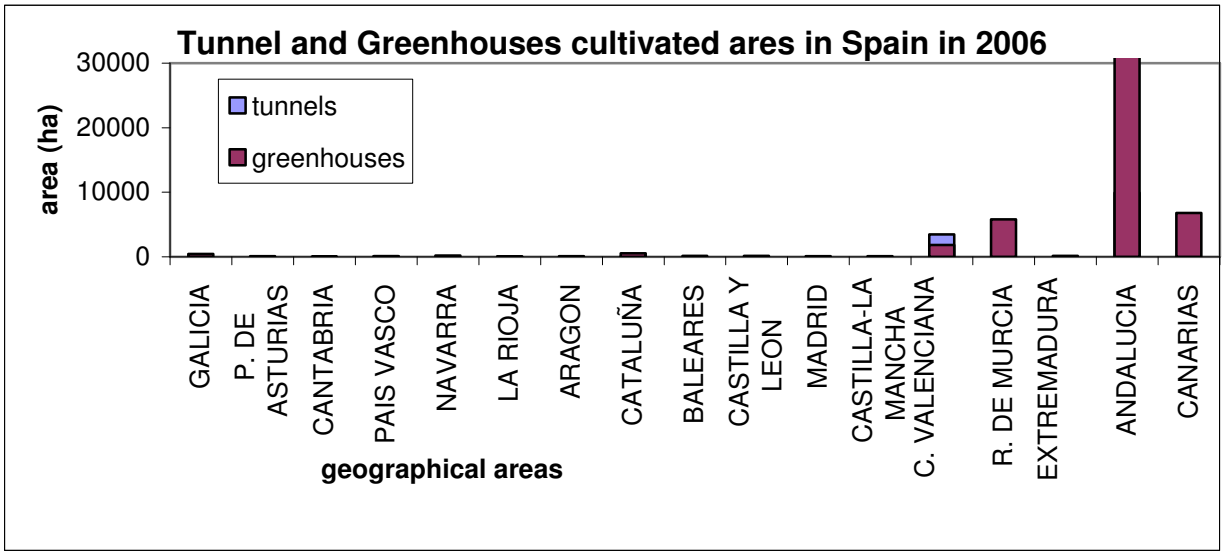
Languedoc-Roussillon	168	156	930	15	92
Limousin	n.a.	n.a.	n.a.	2	22
Lorraine	n.a.	n.a.	n.a.	1	55
Midi-Pyrénées	3	10	113	5	83
Nord	2	10	63	1	89
Normandie	4	3	81	8	71
Pays Loire	89	52	730	86	269
Picardie	n.a.	n.a.	n.a.	1	31
Poitou-Charentes	4	8	175	6	70
Provence Côte Azur	287	460	3,300	47	533
Rhône Alpés	37	26	318	16	168
TOTAL France	919	927	7,365	326	2,207

Abbreviation: n.a., not available data.

3.2.6. SPAIN

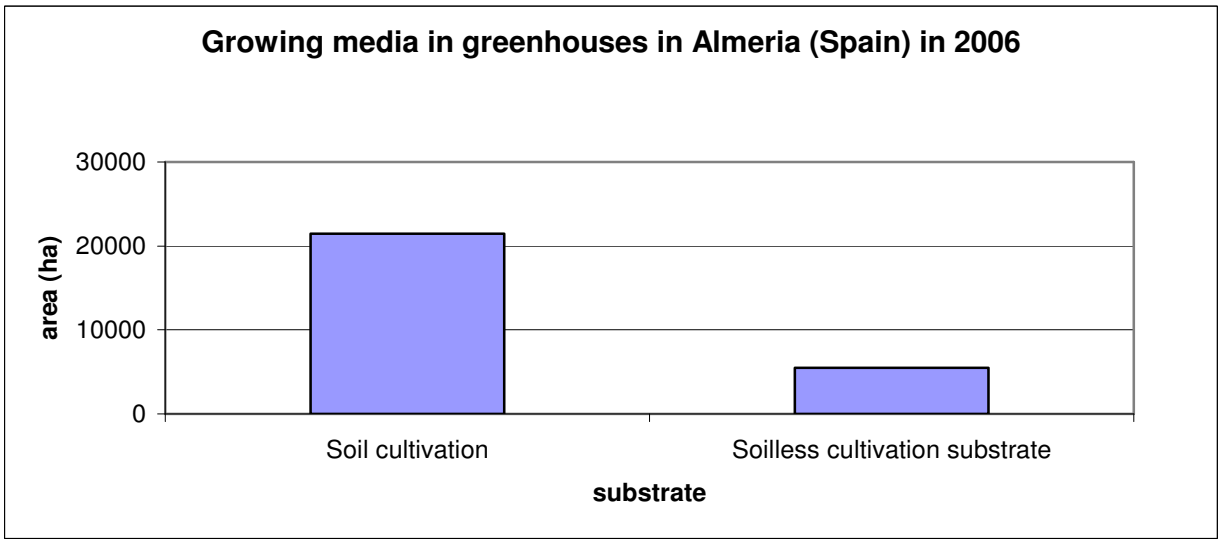
- Region-technology (greenhouses-low cover)

Regarding Spain, the data provided show a great difference in greenhouses and tunnels' use in Andalucia in comparison to the rest of the regions



Graph 9: Tunnel and Greenhouses cultivated areas in Spain in 2006.

More specifically in Almeria the total greenhouses' surface in 2006 was 26936 ha, while the soil and soilless cultivation substrate ratio is presented at graph 10.



Graph 10: Growing media in greenhouses in Almeria (Spain) in 2006

The actual figures are presented on Tables 24, 25 Appendix II.

The Appendix II contains tables and figures related to the greenhouses existing in Almeria. Due to the fact that Almeria holds nearly 60% of the total greenhouse area in Spain, and since the other production areas such as neighbouring provinces and the Canary Islands have very similar conditions to those of Almeria, tables and figures presented in Appendix II can be safely considered as representative of the great majority of the Spanish greenhouses. The source of the information is the publication entitled "Caracterización de la explotación hortícola protegida de Almeria. J Céspedes, M.C. García, J. Pérez Parra Y I.M. Cuadrado. Fundacion para la Investigación Agraria de la Provincia de Almería (FIAPA) 2009"

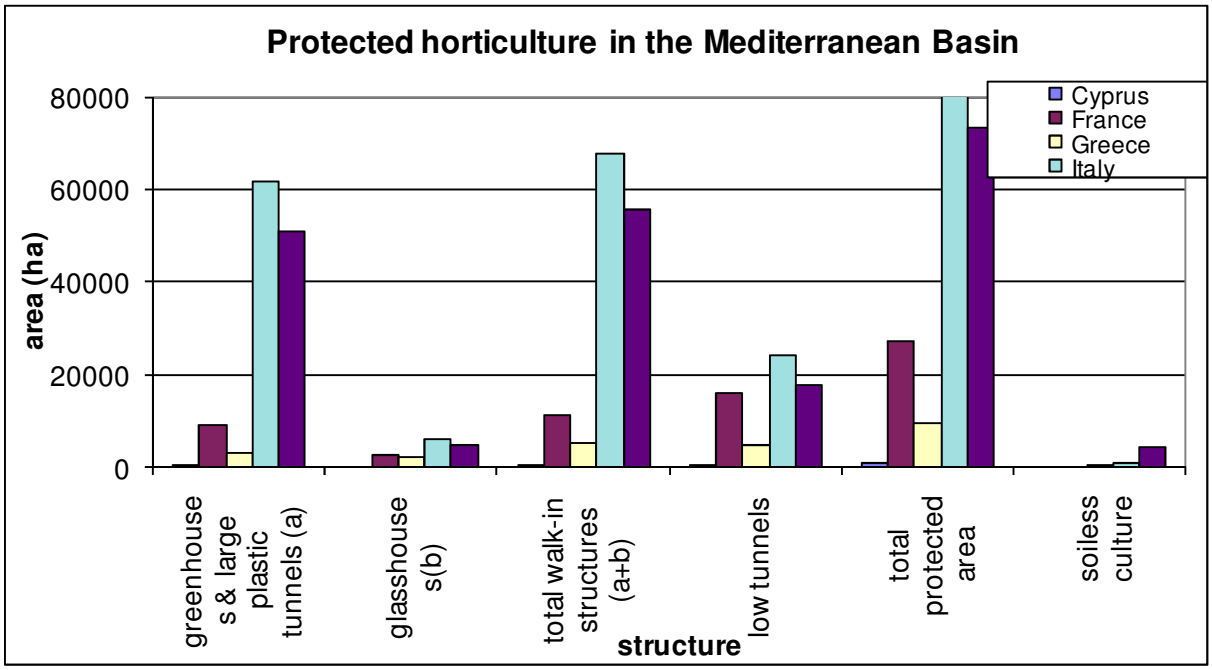
3.2.7. PORTUGAL

Table 11: Under cover horticultural and floricultural cultivations in Portugal in 2000.

	Horticultural	**Floricultural**
Entre Douro e Minho	176	101
Tras os Montes	14	29
Beira Litoral	78	58
Beira Interior	3	0
Ribatejo e Oeste	385	175
Alentejo	22	5
Algarve	484	37
TOTAL (ha)	**1162**	**405**

3.2.8. ADDITIONAL DATA

According to Jouet, J.P. 2001. Plastics in the world. Plasticulture. 2(120):106-127, in the Mediterranean basin, the area devoted to protected horticultural crops went from nil in the 1950's to 120.000 ha in 1985 and nowadays there are about 170.000 hectares of greenhouses and large tunnels, as shown in the next graphic representation:



4. VALIDITY / UNCERTAINTY

The data are mainly provided by the public services and can be characterized as valid, since they come from their internal survey which covers their needs at national level. The big disadvantage is that the data do not cover all the points that EFSA was interested about. In fact they are limited only to crop acreages and main structure types, not even meeting the first level of a sensible categorization, as the one the steering committee has finalized and been attached to this report as "coding manual". Therefore the data entered into the excel database do have a valid source but are very little informative for the purpose of EFSA's project.

There is little to say about certainty and the use of extra information and this is because there are cases of data found in reports which may present the same land area being categorized under different parameters i.e. same land area of a country as distributed in different districts (or prefectures) and the same land area appearing (in the same or other report) under categorization per crop or construction type. This is usually of secondary sources, presenting processed data, which however could provide an additional source if provision is made in the DataBase for characterizing a data entry as "Duplicate" or "overlap" to another. This is for the case when the original source cannot be found. Processing of data must then be much more intelligent and should have special provision "acquiring some info" from duplicate records.

5. OUTLOOK

A group of experts, of Institutions having the most close contact with the greenhouse industry in the Southern EU countries has undertaken a study of locating sources for greenhouse data in the countries of Med Europe. Although a significant effort has been invested, the sources found with public sources were of very limited information, while some other sources, mainly reports of named Institutions and authors, were of uncertain value due to duplication with the public or other secondary sources. Some other sources, although primary (i.e. of a growers' association) could attain limited value, only if provision is made for "duplicate" records, due to the fact that they present a good picture of a certain

location (often, very limited in terms of acreage of number of farms). However this picture cannot be generalized, to country level, by statistical means, because there is a strong influence to greenhouse infrastructure and technology level by local conditions. This means that in order to have a complete picture of the greenhouse industry in each country, there is a need to have complete records, covering in the sum the total country. This is only possible by conducting a complete survey, country level, under the support of a public authority and this is possible to a certain level of detail. For complete details, as appearing in the coding manual, the complete survey should be complemented by statistically selected sampled surveys in each main greenhouse area of each country. The following is a suggested procedure to obtain a better picture of the greenhouse industry and its impact on the environment in South.

1. Identify - according to the data and personal experience - the most relevant scenarios or cases. These are "economically-important crops conducted in a given environmental and growing conditions in selected countries" for which through specific actions (technical visit, questionnaires, focus groups, experts' opinions, etc.) a detailed description (estimated/know acreage, standard and under development greenhouse types and growing techniques, detailed description of pest/disease management) could be provided at reasonable costs: for instance: tomato in Sicily. Further to the above collection of existing data, as done in this report, for a better picture of the reality the necessary additional actions are those suggested below:

2. Detailed survey for each PCS. This survey must be conducted on-site with the assistance of local consultants and top-growers and will focus on the state of the art and possible future development of protection structures and growing systems. Particular attention will be paid to the type of greenhouse/glasshouse, the use of open or closed soilless systems as well as drainage water recycling in soil culture, pest management (to identify the most important pests and diseases, application methods and, possibly, the number of treatments per year for most used pesticide). The description should be based on detailed interviews to the consultant(s) and growers as well as on-site visits to selected farms.

3. The surveyed data will provide a more detailed picture of the environmental

situation at south, as official sources are only limited to acreage and type of construction. Analysis trying to correlate environmental loads to GH structures and equipment or local cultivation practices will be attempted and, in case of non-validated results, will be left for monitoring with successive data. That is, where results are not safe to draw conclusions, recommendations will be made for further investigation with subsequent data, as "data yearly update process" will be part of the final report.

The following are some observations specific to each of the most important greenhouse countries in South.

Greece

The GH industry in Greece has a significant role in agricultural income and is one of the few profit making cropping systems. The trends are:

- Expansion of the covered area with a similar reduction of open field horticulture.
- The GH industry is undergoing modernization in the view of better equipped (heating, ventilators, cooling) greenhouses and more automation. Fertigation is practice in most cases and hydroponics is expanding but at a rate lower than expected.
- Although the consumers are aware of the risk in vegetables from chemical residues there is no significant effort from governmental and consumer agencies to promote IP[6] certified products. In fact only the high cost biological products are well known. Some retailers and super markets undertake the role of "consumer protection" by requesting their own protocols of certification. This also a risky situation as for social reasons we must adopt/enforce a Paneuropean protocol defined by the collaboration of scientific, consumer, and growers associations.

The greenhouse industry presents a tendency to form "islands" like the big "island" of Almeria or Ragusa. In Greece Crete island hosts about 55% of greenhouse area and together with Peloponnesus represent more than 80% of total country level area.

Italy

In Italy, protected horticulture is mainly concentrated in the South, especially in Sicily. Important greenhouse districts are also located in other regions, such as Veneto, Lazio,

[6] Integrated Production, see Appendix III, List of abbreviations

Sardinia and Liguria. The social-economic importance of greenhouse industry is huge in Ragusa province, in Sicily, where tomato is called "red gold" in consideration of the income associate directly or indirectly to greenhouse production of fresh tomatoes. It is estimated than more about 80,000 people get their income from activities related to protected horticulture in this area (source: L. Bellassai, Proceeding of the National Congress on Strategies to Improve Protected Horticulture in Sicily (In Italian), Scoglitti, Vittoria, Ragusa, 25-26 Nov 2005)

Nowadays, high-quality vegetables are required to sustain the increasing market competition from other countries in and out of EU, more than to gain higher market price. This has been the main factor for the development of integrated production systems, which now seem the standard technique at least for fresh products. Overall quality is considered, including nutritional properties and the production with sustainable, environmentally safe growing techniques.

Big retail chain (BRC) is playing a major role in marketing fresh products and in the development of production certification. BRC companies are asking growers for abundant amount of high-quality, at least from the point of view of safety and uniformity (in some cases, also of organoleptic properties), with a long marketing period and possibly with added value, such as convenience (nice packaging, easy use and ready consumption). This is demonstrated by the huge growth of fresh-cut (minimally-processed or ready-to-eat) product sector.

BRC companies adopt substantially the protocols of integrated production (IP) developed by Regional Authorities on the basis of EU regulation, but with some modifications. For instance, the limits of agrochemical residues in fruits and vegetables are often lower than those allowed by legislation. Moreover, some practice is admitted, if needed in particular area. It is worth to say that the application of regional (collective) IP protocols has not been applied by many growers, as expected; however, these protocols have determined the quality policy of big retailers. In professional vegetable production the compliance of food safety (HACCP[7]) and traceability regulations is compulsory.

[7] Hazard Analysis Critical Control Points, see Appendix III, List of Abbreviations

In the last years, a feeling against the products grown under greenhouse conditions and, even more, in soilless culture has developed. These products are considered unnatural, not tasty and even unsafe or dangerous. In some regions a few BRC company do not accept hydroponically-grown tomatoes and melons. This (legitimate) attitude towards greenhouse and soilless culture is probably due to the lack of information about the many advantages, in term of both produce quality and environmental sustainability, that greenhouse and hydroponics may have.

To conclude, the certification of product quality, provided by BRC companies or by independent agencies on the basis of the regulation promulgated by regional or European governments, is now interesting most of open-air and greenhouse fresh vegetables. For sure, this represents a plus for the final consumers and for the intermediate dealers and retailers, but has increased production costs dramatically and reduced growers' income, since the prices at farm gate are decreasing. Finally, the application of high cultivation technology, such as hydroponics, which indeed may provide many advantages from the environmental point of view, requires effective dissemination, also including the education of public opinion on the nutritional and sensory quality of greenhouse- and hydroponically grown products.

The following *Provinces* represent more than 90% of country's greenhouse production:

Imperia (Liguria, NW), cut flowers, pot ornamentalsandvegetables;

Latina (Lazio, Centre-West), vegetables, pot ornamentals;

Napoli-Salerno (Campania SW),cut flowers;

Ragusa (Sicily, SW), vegetables

Spain

The greenhouse industry plays a significant role in Spanish agriculture. Proof of this is the big surface devoted to greenhouse production and other intensive cultivation systems such as mulching and small tunnels. It is a consolidated industry which has not grown during the last years but that is increasing its technology to achieve higher yields while reducing inputs such as water, fertilizers and pesticides. Little by little, new greenhouse structures are

replacing the old, less efficient ones. The trend is to improve the passive greenhouse models by having better ventilated structures that use very little external energy. Most future greenhouses are expected to be unheated greenhouses.

Environmental concerns are a hot issue in the Spanish horticulture. There is a strong tendency to reduce the number and amount of treatments for pest control. This is due to the public concern for food safety in both, national and international markets where greenhouse produce is sold. In this sense, Integrated Pest Management is being extended rapidly in most of the Spanish greenhouses. Insect proof screens are nowadays mandatory to stop virus disease transmissions, and biological control of the main pests is gaining popularity very quickly.

Most greenhouses are expected to continue being located in coastal areas such as Almeria and neighbouring provinces (Murci, Alicante and Granada) and the Canary Islands as well. Interestingly a half-season agriculture under shade houses is slowly developing inland Spain where the climate is more adverse but where natural resources such as soil and water are more abundant than in Coastal areas.

The future work should be focused on more detailed data collection. The raporteurs should come to a more close contact with the growers' associations. More specifically, a person should undertake to collect the data needed, through an interview. This person should also visit some of the growers in order to confirm the validity of the data collected. In this way we will be able to have a more precise picture of the reality, validated by statistical methods.

6. REFERENCES

ITALY

- Buttaro, D., 2009. PhD Thesis on New technologies for table grape crop: soilless growing, product quality and phytological aspects. University of Bari, Italy.
- Capurro, M., Vinci, G., Arriu, V., 2006. Indagine delle produzioni florovivaistiche in Liguria. Regione Liguria.
- EFSA, 2009. European Food Safety Authority (EFSA). Coding Manual for "Data-collection of existing data on protected crop system (greenhouse and crops grown under cover) in Southern European EU Member States" (Version 6.0; Draft Version). Available at: http://www.efsa.europa.eu
- http://agreste.agriculture.gouv.fr
- http://agri.istat.it
- http://epp.eurostat.ec.europa.eu
- http://www.nso.gov.mt
- http://www.plastiques-agriculture.com/
- Pacini, L., 2004. L'uso delle plastiche in agricoltura nel 2002. Colture Protette 11: 44-48.

GREECE

- Ministry of Rural Development and Food of Greece.

SPAIN

- **Instituto Nacional de Estadística. (National Statistics Institute) < www.ine.es >**
- **Ministry of Agriculture, Fisheries and Food < www.mapa.es/portada_en.htm >**
- Fundacíon Cajamar (classified as General Interest Foundation). Paraje Las Palmerillas 25. El Ejido Almería (Spain) http://www.fundacioncajamar.es/
- Coexphal. Growers Association for Exportation of Horticultural Produce. http://www.coexphal.es/

- IFAPA. Research Center owned by the local government of Andalucia.
- Junta de Andalucía. Department of Agriculture and Fisheries. Government of Andalucia

http://www.juntadeandalucia.es/innovacioncienciayempresa/ifapa/servlet/

PORTUGAL

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Sources:

- Protected cultivation in Iberian Horticulture: from the plastic boom to the environmental friendly systems. (2009) J F Meneses, N Castilla. Chronica Horticulturae in press.
- Ministerio de Agricultura, do Desemvolvimento Rural e das Pescas.Gabinete do Planeamento e Politicas. Reports on Horticulture and Flowers, 2007

APPENDIX I

1. DETAILS OF COLLABORATED PARTNERS

1.1 DEPARTMENT OF CROP BIOLOGY OF THE UNIVERSITY OF PISA

Via Mariscoglio 34, 56124 Pisa, Italy.

1.2 INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)

Passeig de Gràcia, 44, 3ª pl., 08007 Barcelona

Tel. 93 467 40 40

Fax 93 467 40 42

1.3 AGRICULTURAL UNIVERSITY OF ATHENS

Laboratory of Ag. Mechanization and Automation

TEL: (+30) 210 5294036, -4040, -4038, FAX: (+30) 210 5294032

PROF. N.SIGRIMIS

2. DETAILS OF SOURCES

2.1 GREECE

TABLE 1: Regional and Local Sources

	Name	**City**	**Category**	**Contact**	
1	EAS Messaras	Heraklio	private	28920 27611	tel
				28920 22665	fax
				easm@mir.forthnet.gr	e-mail
2	EAS Zakynthou	Zakynthos	private	26950 48129	tel
				26950 22268	fax
				easzakinthoy@aias.gr	e-mail
3	EAS Aigiou	Airio	private	26910 22410	tel
				26910 25928	fax
				edp@pesunion.gr	e-mail
4	EAS Siteias	Siteia	private	28430 29999	tel
				28430 29990	fax
				info@sitiacoop.gr	e-mail
5	EAS Nemeas	Nemea	private	27460 23309	

				27460 24014	
6	EAS Ksylokastrou	Ksylokastro	private	27430 22432	tel
				27430 22821	fax
				unionxyl@hol.gr	e-mail
7	K.S.O.S.	Heraklio	private	2810 382660	tel
				2810 381438	fax
				ksos@otenet.gr	e-mail
8	EAS Kiatou	Kiato	private	27420 22229	tel
				27420 22455	fax
				easkiato@otenet.gr	e-mail
9	EAS Herakliou	Heraklio	private	2810 37800	tel
				2810 261150	fax
				info@agrunion.gr	e-mail
10	A. S.District of. Kimi	Kymi, Evoias	private	22220 31722	tel
				22220 31054	fax
				sigkimi@otenet.gr	e-mail
11	O.P. Amaliados	Amaliada	private	26220 24173	tel
				26220 24163	fax
12	EAS Serron	Serres	private	23210 27891	tel
				23210 67113	fax
				eas@aias.gr	e-mail
13	EAS Paggeou	Eleftheroupoli	private	25920 23891	tel
				25920 23076	fax
				easpageou@otenet.gr	e-mail
14	EAS Drama	Drama	private	25210 57145	tel
				25210 57147	fax
15	EAS Leivadia	Leivadia	private	22610 22576	tel
				22610 28366	fax
				egsliv@otenet.gr	e-mail
16	EAS Lamias	Lamia	private	22310 23287	tel
				22310 22219	fax
				egs-lamia@otenet.gr	e-mail
17	EAS Pierias	Katerini	private	23510 28221	tel

				23510 38508	fax
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19	EAS Farsallon	Farsalla	private	24910 23960	tel
				2491023020	fax
				info@farsalacoop.gr	e-mail
20	EAS Almyrou	Almyros	private	24220 21868	tel
				24220 233345	fax
				easalm@otenet.gr	e-mail
21	EAS Volou	Volos	private	24210 64675	tel
				24210 64675	fax
				easbolou@hol.gr	e-mail
22	EAS Kavalas	Kavala	private	2510 830124	tel
				2510 223506	fax
23	O.P. Ksanthis	Ksanthi	private	25410 22924	tel
24	O.P. Thessalonikis	Salonica	private	2310 715207	tel
				2311 715207	fax
				omada-parag@yahoo.gr	e-mail
25	A.S. Pyrgon	Kozani	private	24630 91685	tel
				24630 91269	fax
26	O.P. Aksioupolis	Kilkis	private	23430 31368	tel
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27	O.P. Pierias	Katerini	private	23510 28221-5	tel
				23510 38508	fax
				eas-pierias@kat.forthnet.gr	e-mail
28	KESPY	Athens	private	210 5236600	tel
				210 5239809	fax
				kespy@kespy.gr	e-mail
29	EAS Lagada	Salonica	private	23940 22242	tel

				2394022246	fax
				egslag@internet.gr	e-mail
30	EAS Visaltias	Serres	private	23220 23005	tel
				23220 23014	fax
				easvisal@otenet.gr	e-mail
31	EAS Giannitson	Giannitsa	private	23820 22203	tel
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				2410 617462	fax
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33	O.P. Gastounis	Gastouni	private	26230 32209	tel
				26230 35321	fax
				asgast@acn.gr	e-mail
34	O.P. Ileias	Ileia	private	26220 24173	tel
				26220 24163	fax
35	O.P. Karditsas	Karditsa	private	24430 95091	tel
				24430 95454	fax
36	OP B. TOM. Ksiniados	Domokos	private	22320 31149	tel
				22320 31154	fax
				asoptom@otenet.gr	e-mail
37	KOPA "VORAS"	Aridaia	private	23840 22092	tel
				22650- 23065	fax
				copavoras@otenet.gr	e-mail
38	OPEAS Amyntaiou	Amyntaio	private	23860 23813 - 23835	tel
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39	O.P**.** EAS Mesologgiou-Nafpaktoy	Mesologi	private	26310 55231	tel
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40	A.S. Esper. Traganou Ileias	Tragano Ileias	private	26230 61228	tel
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41	Agricultural service of Drama	Drama	Public	2 names	
42	Agricultural service of Kavala	Kavala	Public		
43	Agricultural service of Serres	Serres	Public		
44	Agricultural service of Evros	Evros	Public		
45	Agricultural service of Orestiada	Orestiada	Public		
46	Agricultural service of Rodopi	Rodopi	Public		
47	Agricultural service of Ksanthi	Ksanthi	Public		
48	Agricultural service of Salonica	Salonica	Public		
49	Agricultural service of Pieria	Pieria	Public		
50	Agricultural service of Imathia	Imathia	Public		
51	Agricultural service of Pella	Pella	Public		
52	Agricultural service of Giannitsa	Giannitsa	Public		
53	Agricultural service of Kilkis	Kilkis	Public		
54	Agricultural service of Chalkidiki	Chalkidiki	Public		
55	Agricultural service of Florina	Florina	Public		
56	Agricultural service of Kastoria	Kastoria	Public		
57	Agricultural service of Kozani	Kozani	Public		
58	Agricultural service of Grevena	Grevena	Public		
59	Agricultural service of Arta	Arta	Public		
60	Agricultural service of Preveza	Preveza	Public		
61	Agricultural service of Ioannina	Ioannina	Public		
62	Agricultural service of Thesprotia	Thesprotia	Public		
63	Agricultural service of	Lefkada	Public		

	Lefkada				
64	Agricultural service of Corfu	Corfu	Public		
65	Agricultural service of Larisa	Larisa	Public		
66	Agricultural service of Magnisia	Magnisia	Public		
67	Agricultural service of Trikala	Trikala	Public		
68	Agricultural service of Karditsa	Karditsa	Public		
69	Agricultural service of Evritania	Evritania	Public		
70	Agricultural service of Fthiotida	Fthiotida	Public		
71	Agricultural service of Argolida	Argolida	Public		
72	Agricultural service of Korinthos	Korinthos	Public		
73	Agricultural service of Achaia	Achaia	Public		
74	Agricultural service of Arkadia	Arkadia	Public		
75	Agricultural service of Messinia	Messinia	Public		
76	Agricultural service of Trifilia	Trifilia	Public		
77	Agricultural service of Lakonia	Lakonia	Public		
78	Agricultural service of Ileia	Ileia	Public		
79	Agricultural service of Aitoloakarninia	Aitoloakarnania	Public		
80	Agricultural service of Zakynthos	Zakynthos	Public		
81	Agricultural service of Kefallonia	Kefallonia	Public		
82	Agricultural service of W. Attica	W. Attica	Public		
83	Agricultural service of E. Attica	E. Attica	Public		
84	Agricultural service of Piraeus	Piraeus	Public		
85	Agricultural service of Viotia	Viotia	Public		
86	Agricultural service of Fokida	Fokida	Public		

87	Agricultural service of Evoia	Evoia	Public		
88	Agricultural service of Lesvos	Lesvos	Public		
89	Agricultural service of Chios	Chios	Public		
90	Agricultural service of Samos	Samos	Public		
91	Agricultural service of Cyclades	Cyclades	Public		
92	Agricultural service of Dodekanisa	Dodekanisa	Public		
93	Agricultural service of Heraklio	Heraklio	Public		
94	Agricultural service of Lasithi	Lasithi	Public		
95	Agricultural service of Chania	Chania	Public		
96	Agricultural service of Rethimno	Rethimno	Public		

2.2 ITALY

TABLE 2: List of contacted institutions in Italy

Name	**City**	**Category**	**Contacted person**
AGRIS Sardegna	Sassari	Public	Chairman Prof. G. Pulina
AIF	Verona	Mushroom grower association	Chairman
Apo Sant'Orsola	Trento	Grower association	President
Apo Scaligera Diva Verona	Verona	Grower association	President
Apofruit Italia	Cesena	Grower association	Dr. S. Giunchi
ARSIA Region Tuscany	Florence	Public	Dr. Pinzautie
ARSIAL of Region Lazio	Rome	Public	Dr. M. Targ
CIA	Rome	Grower association	President
CIA of Cagliari	Cagliari	Grower association	Dr. E. Pierangioli
CIA of Province Bergamo	Bergamo	Grower association	President
CIA of Province Brescia	Brescia	Grower association	President
CIA of Province Imperia	Imperia	Grower association	President

CIA of Province Ragusa	Ragusa	Grower association	President
CIA of Province Salerno	Salerno	Grower association	President
Coldiretti	Rome	Grower association	Dr. G. Bertolini, Chairman
Comicent	Pescia (Pt)	Grower association	Dr. C. Chiostri, Chairman
Copagri Marche	Ancona	Grower association	Dr. E. Landi, Chairman
Ercolano Flower Market	Ercolano (NA)	Grower association	Dr. P. Navarro
Flor.A.S.	Albenga (SV)	Grower association	Dr. G. Panizza
INEA	Rome	Public	Secretary
ISTAT	Rome	Public	Chairman of "Dept. of Agriculture"
ISTAT	Rome	Public	Dr. Moro
ISTAT	Rome	Public	Dr. Greco
ISTAT of Campania Region	Naples	Public	Chairman
ISTAT of Lazio Region	Rome	Public	Chairman
ISTAT of Lombardia Region	Milan	Public	Chairman
ISTAT of Sardinia Region	Cagliari	Public	Chairman
ISTAT of Sicily Region	Palermo	Public	Chairman
ISTAT of Veneto Region	Venice	Public	Chairman
Mercato Fiori Leverano	Lecce	Grower association	Municipality
MIPAF	Rome	Public	Chairman of URP Dept.
Pachino Sicily	Siracusa	Grower association	Dr. S. Fortunato, President
Region Campania	Naples	Public	Assessorship for Agriculture"
Region Lazio	Rome	Public	Dr. R. Aleandri
Region Sicily	Palermo	Public	Dr. G. Nobile
San Remo Flower Market	San Remo (IM)	Grower association	Dr. F. Gimelli
San Remo Flower Market	San Remo (IM)	Grower association	Dr.ssa E. Bianchini
Unaproa	Rome	Grower association	President

Abbreviations: AGRIS, Agricultural Research Agency of Sardinia (Agenzia per la Ricerca in Agricoltura della regione Sardegna); AIF, Grower Italian Association of Mushrooms (Associazione Italiana Fungicoltori); ARSIA, Agricultural Research Agency of Tuscany (Agenzia Regionale per lo Sviluppo e l'Innovazione in Agricoltura regione Toscana); ARSIAL,

Agricultural Research Agency of Lazio (Agenzia Regionale per lo Sviluppo e l'Innovazione dell'Agricoltura del Lazio); CIA, Italian Farmer Association (Confederazione Italiana Agricoltori); INEA, National Institute of Economy in Agriculture (Istituto Nazionale di Economia Agraria); ISTAT, National Institute of Statistic (Istituto Nazionale di Statistica); MIPAF, Italian Ministry of Agriculture, Food and Forestry Policies (Ministero delle Politiche Agricole, Alimentari e Forestali); URP, Department for Public Relation (Ufficio Relazioni con il Pubblico);

APPENDIX II

1. DETAILED RESULTS PER MEMBER STATE

1.1 GREECE

Table 1: Horticultural crops' cultivation in ha from 2006 based on the region and the species.

	cultivation	greenhouse				low cover	
		heated		non heated			
		glassy	plastic	glassy	plastic		
Eastern Macedonia & Thrace	tomato	0,6	24,5	0	12,5	0	
	cucumber	0	10,2	0	2,9	0	
	zucchini	0	0,3	0	0,5	0	
	eggplant	0	2,3	0	0,8	0	
	pepper	10	3,6	0	1,4	0	
	french bean	0	2,1	0	0,6	0	
	lettuce	0	0,9	0	0,3	0	
	melon	0	0	0	0	0	
	water melon	0	0	0	0	120	
	strawberry	0	0	0	0	0	
	TOTAL	**10,6**	**43,9**	**0**	**19**	**120**	**(ha)**
Central Macedonia	tomato	10	69,8	0	256,5	0	
	cucumber	4	57,2	0	71,5	0	
	zucchini	0	10,5	0	9,8	103	
	eggplant	0	11,1	0	15,5	2	
	pepper	0	64	0	117,5	0	
	french bean	0	30,4	0	56,6	0	
	lettuce	0	6	0	12	0	
	melon	0	0	0	0,5	48	
	water melon	0	0	0	0	154	
	strawberry	0	0	0	0	97	
	TOTAL	**14**	**249**	**0**	**539,9**	**404**	**(ha)**
Western Macedonia	tomato	0	1,6	0	0,9	0	
	cucumber	0	0,9	0	0,2	0	
	zucchini	0	0	0	0,3	0	
	eggplant	0	0	0	0,3	0	
	pepper	0	1,2	0	0,2	0	
	french bean	0	0,2	0	0,4	0	
	lettuce	0	0,1	0	0,2	0	
	melon	0	0	0	0	0	
	water melon	0	0	0	0	0	

	strawberry	0	0	0	0	0	
	TOTAL	**0**	**4**	**0**	**2,5**	**0**	**(ha)**
Epirus	**tomato**	0,5	98,9	0	61,5	0	
	cucumber	0,5	18,6	0	10,7	0	
	zucchini	0	3	0	7,6	0	
	eggplant	0	0,6	0	0,6	0	
	pepper	0	1,5	0	0,4	0	
	french bean	0	7,7	0	7,2	0	
	lettuce	0	0,5	0	0,6	0	
	melon	0	0	0	0	0	
	water melon	0	0	0	0	0	
	strawberry	0	0	0	0	0	
	TOTAL	**1**	**130,8**	**0**	**88,6**	**0**	**(ha)**
Thessaly	**tomato**	1,9	68,3	0	24,5	0	
	cucumber	0	6	0	7	0	
	zucchini	0	0	0	1,5	5,5	
	eggplant	0	0	0	2,5	0	
	pepper	0	0	0	4	0	
	french bean	0	0	0	11,6	0	
	lettuce	0	0	0	0	0	
	melon	0	0	0	0	835	
	water melon	0	0	0	0	517	
	strawberry	0	0	0	0	18	
	TOTAL	**1,9**	**74,3**	**0**	**51,1**	**1375,5**	**(ha)**
Central Greece	**tomato**	0	23,3	0,8	0	157	
	cucumber	0	1,1	0	0	4,3	
	zucchini	0	0	0	0	2	
	eggplant	0	0	0	0	0,5	
	pepper	0	0	0	0	0	
	french bean	0	0	0	0	5	
	lettuce	0	0	0	0	1	
	melon	0	0	0	0	23	
	water melon	0	0	0	0	58	
	strawberry	0	0	0	50	0	
	TOTAL	**0**	**24,4**	**0,8**	**50**	**250,8**	**(ha)**
Western Greece	**tomato**	2	69	0	111	0	
	cucumber	0	14,3	0	31	0	
	zucchini	0	0	0	17	40	
	eggplant	0	2,7	0	3	0	
	pepper	0	1,2	0	1	0	
	french bean	0	5	0	16	0	
	lettuce	0	0,6	0	25,4	0	
	melon	0	0	0	4	384,5	

	water melon	0	0	0	12	3852	
	strawberry	0	0	0	520	0	
	TOTAL	**2**	**92,8**	**0**	**740,4**	**4276,5**	**(ha)**
Peloponnese	**tomato**	4,1	126,3	0	76,6	4	
	cucumber	0	66,5	0	50	2	
	zucchini	0	22,8	0	31	0	
	eggplant	0,8	10,5	0	39	14	
	pepper	0	34,8	0	33,2	7	
	french bean	0,6	34,3	0	8,5	2	
	lettuce	0	0,2	0	5	0	
	melon	0	1	0	2	2	
	water melon	0	0	0	12	1003	
	strawberry	0	0	0	36,2	40	
	TOTAL	**5,5**	**296,4**	**0**	**293,5**	**1074**	**(ha)**
Aegean Islands	**tomato**	1,9	37,8	0,4	29,5	7	
	cucumber	0	23,9	0	10	0	
	zucchini	0	0,4	0	50	1	
	eggplant	0	2,4	0	3	0	
	pepper	0,1	3,6	0	3,6	0	
	fench bean	0	0,7	0	1,7	0	
	lettuce	0	1,7	0	0	0	
	melon	0	0	0	1,7	26	
	water melon	0	0	0	0	38	
	strawberry	0	0	0	0	3,5	
	TOTAL	**2**	**70,5**	**0,4**	**99,5**	**75,5**	**(ha)**
Ionian Islands	**tomato**	0,7	6,6	0	8,2	0	
	cucumber	0	1,5	0	1,2	0	
	zucchini	0	0,1	0	0,3	0	
	eggplant	0,8	4,5	0	0,4	0	
	pepper	0	0,2	0	0,1	0	
	french bean	0	0,2	0	0	0	
	lettuce	0	0	0	0,2	0	
	melon	0	0	0	0	2	
	water melon	0	0	0	0	15	
	strawberry	0	0	0	0	0	
	TOTAL	**1,5**	**13,1**	**0**	**10,4**	**17**	**(ha)**
Crete	**tomato**	4	8	4,8	1009,4	0	
	cucumber	1	34,5	0	482,5	0	
	zucchini	0	0,6	0	22,7	0	
	eggplant	0	0,1	0	81,1	0	
	pepper	1	24	0	397	0	
	french bean	0	0,6	0	11,5	0	
	lettuce	0	0	0	0	0	

	melon	0	0	0	0	0	
	water melon	0	0	0	0	150	
	strawberry	0	0	0	0	22,5	
	TOTAL	**6**	**67,8**	**4,8**	**2004,2**	**172,5**	**(ha)**
Attica	**tomato**	31,8	51,7	0	0	0	
	cucumber	5	30,6	0	0	0	
	zucchini	0,2	1,5	0	0,2	0	
	eggplant	0,8	4,4	0	0	0	
	pepper	0	0	0	0	0	
	french bean	0	0	0	0	0	
	lettuce	0	1	0	0	0	
	melon	0	0	0	0	0	
	water melon	0	0	0	0	0	
	strawberry	0	0	0	0	22,5	
	TOTAL	**37,8**	**89,2**	**0**	**0,2**	**22,5**	**(ha)**

Table2: Total cultivation of tomato under protected crop systems in Greece during 2006)

tomato	**greenhouse**				**low cover**
	heated		**non heated**		
	glassy	**plastic**	**glassy**	**plastic**	
Eastern Macedonia & Thrace	0,6	24,5	0	12,5	0
Central Macedonia	10	69,8	0	256,5	0
Western Macedonia	0	1,6	0	0,9	0
Epirus	0,5	98,9	0	61,5	0
Thessaly	1,9	68,3	0	24,5	0
Central Greece	0	23,3	0,8	0	157
Western Greece	2	69	0	111	0
Peloponnese	4,1	126,3	0	76,6	4
Aegean Islands	1,9	37,8	0,4	29,5	7
Ionian Islands	0,7	6,6	0	8,2	0
Crete	4	8	4,8	1009,4	0
Attica	31,8	51,7	0	0	0
TOTAL (ha)	**57,5**	**585,8**	**6**	**1590,6**	**168**

Table 3 : Total cultivation of cucumber under protected crop systems in Greece during 2006

cucumber	greenhouses				low cover
	heated		non heated		
	glassy	plastic	glassy	plastic	
Eastern Macedonia & Thrace	0	10,2	0	2,9	0
Central Macedonia	4	57,2	0	71,5	0
Western Macedonia	0	0,9	0	0,2	0
Epirus	0,5	18,6	0	10,7	0
Thessaly	0	6	0	7	0
Central Greece	0	1,1	0	0	4,3
Western Greece	0	14,3	0	31	0
Peloponnese	0	66,5	0	50	2
Aegean Isnalds	0	23,9	0	10	0
Ionian Islands	0	1,5	0	1,2	0
Crete	1	34,5	0	482,5	0
Attica	5	30,6	0	0	0
TOTAL (ha)	**10,5**	**265,3**	**0**	**667**	**6,3**

Table 4: Total cultivation of zucchini under protected crop systems in Greece during 2006

zucchini	greenhouses				low cover
	heated		non heated		
	glassy	plastic	glassy	plastic	
Eastern Macedonia & Thrace	0	0,3	0	0,5	0
Central Macedonia	0	10,5	0	9,8	103
Western Macedonia	0	0	0	0,3	0
Epirus	0	3	0	7,6	0
Thessaly	0	0	0	1,5	5,5
Central Greece	0	0	0	0	2
Western Greece	0	0	0	17	40
Peloponnese	0	22,8	0	31	0
Aegean Isnalds	0	0,4	0	50	1
Ionian Islands	0	0,1	0	0,3	0
Crete	0	0,6	0	22,7	0
Attica	0,2	1,5	0	0,2	0
TOTAL (ha)	**0,2**	**39,2**	**0**	**140,9**	**151,5**

Table 5: Total cultivation of eggplant under protected crop systems in Greece during 2006

eggplant	greenhouses				low cover
	heated		non heated		
	glassy	**plastic**	**glassy**	**plastic**	
Eastern Macedonia & Thrace	0	2,3	0	0,8	0
Central Macedonia	0	11,1	0	15,5	2
Western Macedonia	0	0	0	0,3	0
Epirus	0	0,6	0	0,6	0
Thessaly	0	0	0	2,5	0
Central Greece	0	0	0	0	0,5
Western Greece	0	2,7	0	3	0
Peloponnese	0,8	10,5	0	39	14
Aegean Isnalds	0	2,4	0	3	0
Ionian Islands	0,8	4,5	0	0,4	0
Crete	0	0,1	0	81,1	0
Attica	0,8	4,4	0	0	0
TOTAL (ha)	**2,4**	**38,6**	**0**	**146,2**	**16,5**

Table 6: Total cultivation of pepper under protected crop systems in Greece during 2006

pepper	**greenhouses**				**low cover**
	heated		**non heated**		
	glassy	**plastic**	**glassy**	**plastic**	
Eastern Macedonia & Thrace	10	3,6	0	1,4	0
Central Macedonia	0	64	0	117,5	0
Western Macedonia	0	1,2	0	0,2	0
Epirus	0	1,5	0	0,4	0
Thessaly	0	0	0	4	0
Central Greece	0	0	0	0	0
Western Greece	0	1,2	0	1	0
Peloponnese	0	34,8	0	33,2	7
Aegean Isnalds	0,1	3,6	0	3,6	0
Ionian Islands	0	0,2	0	0,1	0
Crete	1	24	0	397	0
Attica	0	0	0	0	0

TOTAL (ha)	**11,1**	**134,1**	**0**	**558,4**	**7**

Table 7: Total cultivation of french bean under protected crop systems in Greece during 2006

french bean	greenhouses				low cover
	heated		non heated		
	glassy	plastic	glassy	plastic	
Eastern Macedonia & Thrace	0	2,1	0	0,6	0
Central Macedonia	0	30,4	0	56,6	0
Western Macedonia	0	0,2	0	0,4	0
Epirus	0	7,7	0	7,2	0
Thessaly	0	0	0	11,6	0
Central Greece	0	0	0	0	5
Western Greece	0	5	0	16	0
Peloponnese	0,6	34,3	0	8,5	2
Aegean Islands	0	0,7	0	1,7	0
Ionian Islands	0	0,2	0	0	0
Crete	0	0,6	0	11,5	0
Attica	0	0	0	0	0
TOTAL (ha)	**0,6**	**81,2**	**0**	**114,1**	**7**

Table 8: Total cultivation of lettuce under protected crop systems in Greece during 2006

lettuce	greenhouses				low cover
	heated		non heated		
	glassy	plastic	glassy	plastic	
Eastern Macedonia & Thrace	0	0,9	0	0,3	0
Central Macedonia	0	6	0	12	0
Western Macedonia	0	0,1	0	0,2	0
Epirus	0	0,5	0	0,6	0
Thessaly	0	0	0	0	0
Central Greece	0	0	0	0	1
Western Greece	0	0,6	0	25,4	0
Peloponnese	0	0,2	0	5	0
Aegean Isnalds	0	1,7	0	0	0
Ionian Islands	0	0	0	0,2	0

Crete	0	0	0	0	0
Attica	0	1	0	0	0
TOTAL (ha)	**0**	**11**	**0**	**43,7**	**1**

Table 9: Total cultivation of melon under protected crop systems in Greece during 2006

melon	greenhouses				low cover
	heated		non heated		
	glassy	plastic	glassy	plastic	
Eastern Macedonia & Thrace	0	0	0	0	0
Central Macedonia	0	0	0	0,5	48
Western Macedonia	0	0	0	0	0
Epirus	0	0	0	0	0
Thessaly	0	0	0	0	835
Central Greece	0	0	0	0	23
Western Greece	0	0	0	4	384,5
Peloponnese	0	1	0	2	2
Aegean Islands	0	0	0	1,7	26
Ionian Islands	0	0	0	0	2
Crete	0	0	0	0	0
Attica	0	0	0	0	0
TOTAL (ha)	**0**	**1**	**0**	**8,2**	**1320,5**

Table 10: Total cultivation of water melon under protected crop systems in Greece during 2006

water melon	greenhouses				low cover
	heated		non heated		
	glassy	plastic	glassy	plastic	
Eastern Macedonia & Thrace	0	0	0	0	120
Central Macedonia	0	0	0	0	154
Western Macedonia	0	0	0	0	0
Epirus	0	0	0	0	0
Thessaly	0	0	0	0	517
Central Greece	0	0	0	0	58
Western Greece	0	0	0	12	3852
Peloponnese	0	0	0	12	1003

Aegean Islands	0	0	0	0	38
Ionian Islands	0	0	0	0	15
Crete	0	0	0	0	150
Attica	0	0	0	0	0
TOTAL (ha)	**0**	**0**	**0**	**24**	**5907**

Table 11: Total cultivation of strawberry under protected crop systems in Greece during 2006

strawberry	**greenhouses**				**low cover**
	heated		**non heated**		
	glassy	**plastic**	**glassy**	**plastic**	
Eastern Macedonia & Thrace	0	0	0	0	0
Central Macedonia	0	0	0	0	97
Western Macedonia	0	0	0	0	0
Epirus	0	0	0	0	0
Thessaly	0	0	0	0	18
Central Greece	0	0	0	5	0
Western Greece	0	0	0	520	0
Peloponnese	0	0	0	36,2	40
Aegean Islands	0	0	0	0	3,5
Ionian Islands	0	0	0	0	0
Crete	0	0	0	0	22,5
TOTAL (ha)	**0**	**0**	**0**	**561,2**	**181**

Table 12: Total cultivation of floriculture plants under protected crop systems in Greece during 2006

REGION	AREA	
Eastern Macedonia & Thrace	5,9	
Central Macedonia	207,6	**2006**
Western Macedonia	9,8	
Epirus	9,5	
Thessaly	73,3	
Central Greece	63,8	
Western Greece	46,5	
Peloponnese	33	
Aegean Islands	15,5	
Ionian Islands	0,6	
Create	109,8	
Attica	293,1	
TOTAL (ha)	**868,7**	

Table 13: Total area of floriculture plants under protected crop systems in Greece during 2006

Cultivation	greenhouse	low cover	2007
cut flowers	205	0	
pot flowers	133,9	0	
horticulture plants	16,9	0	
TOTAL	**355,8**	**0**	**(ha)**

1.2 ITALY

Table 14: Total area and total yield of horticultural food crops grown under cover in Italy in 2008 (http://agri.istat.it).

Region	Total area (ha)	Yield (t)
Abruzzo	63.3	1,927.0
Basilicata	724.3	21,185.2
Calabria	559.5	24,549.1
Campania	7497.2	273,652.0
Emilia-Romagna	1339.8	45,867.4
Lazio	6342.4	287,608.2
Liguria	54.0	6,402.9
Lombardia	1970.7	85,378.3
Marche	61.7	2,147.4
Molise	20.2	1,280.0
Piemonte	678.1	23,015.9
Puglia	288.4	18,482.5
Sardegna	813.3	91,633.4
Sicilia	5301.5	510,533.3
Toscana	412.7	12,681.9
Umbria	16.4	1,003.7
Veneto	3973.1	178,765.2
TOTAL Italy	**30117.4**	**1586,173.8**

Table 15: Total area and total yield of cut flowers crop grown under cover in Italy in 2005 (http://agri.istat.it).

Region	Area (ha)	Yield (1,000 pieces)
Abruzzo	28.3	25,369
Basilicata	1.2	1,231
Calabria	84.0	50,281
Campania	1210.2	903,464
Emilia Romagna	117.6	82,356
Friuli Venezia Giulia	20.5	9,184
Lazio	480.0	271,061
Liguria	509.7	387,354
Lombardia	112.5	51,698
Marche	25.0	24,502
Molise	3	900
Piemonte	54.6	12,542
Puglia	787.6	6444,730
Sardegna	68.9	62,820
Sicilia	608.4	387,628
Toscana	324.6	247,300
Trentino Alto Adige	1.1	434
Umbria	255.5	17,440
Valle d'Aosta	4.9	1,970
Veneto	146.8	58,973
TOTAL Italy	**4844.3**	**9041,237**

Table 16: Total area and total yield of cut foliages grown under cover in Italy in 2005 (http://agri.istat.it).

Region	Area (ha)	Yield (1,000 pieces)
Abruzzo	0.02	4
Basilicata	0	0
Calabria	1	260
Campania	28.2	24,325
Emilia Romagna	0	0
Friuli Venezia Giulia	0.7	253
Lazio	61.5	17,510
Liguria	121.6	61,650
Lombardia	2.6	1,063
Marche	0.05	10
Molise	0	0
Piemonte	6	1,055
Puglia	44.5	30,550
Sardegna	0	0
Sicilia	29.1	7,661
Toscana	9.3	19,560
Trentino Alto Adige	0	0
Umbria	0	0
Valle d'Aosta	2.1	1,417
Veneto	13.2	3,131
TOTAL Italy	**319.7**	**158,774**

Table 17: Number of pot ornamentals grown under cover in Italy in 2005 (http://agri.istat.it).

Region	Yield (1,000 pieces)
Abruzzo	5,043.1
Basilicata	0
Calabria	562.4
Campania	61,182.4
Emilia Romagna	41,931.6
Friuli Venezia Giulia	7,370.2
Lazio	54,703.2
Liguria	31,189
Lombardia	81,845.8
Marche	2,075.9
Molise	0
Piemonte	6,095.8
Puglia	3,125.4
Sardegna	829.5
Sicilia	36,194.2
Toscana	187,070.1
Trentino Alto Adige	10,147.4
Umbria	303.5
Valle d'Aosta	0
Veneto	51,248.5
TOTAL Italy	**412,554.7**

Table 18: Total area of horticultural food crop grown under a protective structure cultivated by Apofruit growers (Italy) during 2008.

Fruit and vegetables	Area (ha)	Protective structure
Strawberry	12	Plastic Greenhouse **
Strawberry	68	Low tunnel
Melon	68	Plastic Greenhouse **
Watermelon	28	Plastic Greenhouse **
Tomato	41	Plastic Greenhouse **
Pepper	9	Plastic Greenhouse **
Lettuce	1	Plastic Greenhouse **
Eggplant	1	Plastic Greenhouse **
Zucchini	3	Plastic Greenhouse **
Cucumbers	3	Plastic Greenhouse **
TOTAL	**234**	

* All the crops are grown on soil.

** Plastic greenhouse is classified by EFSA (2009) as "low technology greenhouse".

Table 19: Data on protected areas and main categories for each administrative province in Liguria region during 2005 (Capurro et al., 2006).

Category	Imperia			Savona			Genova			La Spezia			Total		
	CFW (ha)	CFL (ha)	PP (ha)	CFW (ha)	CFL (ha)	PP (ha)	CFW (ha)	CFL (ha)	PP (ha)	CFW (ha)	CFL (ha)	PP (ha)			
Open field	316.0	1467.8	20.6	149.0	275.1	71.4	13.2	10.3	20.9	3.6	1.8	3.3	481.8	1,755.0	116.2
Tunnel	11.8	7.4	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	7.7	0.5
Shelter	47.0	213.3	3.4	9.9	9.4	14.1	0.0	0.0	0.0	0.0	0.0	0.0	56.9	222.7	17.5
Heated Greenhouse	332.0	47.6	90.8	243.5	17.9	22.7	19.5	1.1	5.0	28.1	0.2	5.1	623.1	66.8	123.6
Non-heated Greenhouse	136.7	73.1	31.8	41.1	5.9	2.1	9.7	0.1	1.7	0.3	0.0	0.0	187.8	79.1	35.6
Tot. greenhouse	468.7	120.7	122.6	284.6	23.8	24.8	29.1	1.2	6.7	28.4	0.2	5.1	810.8	145.9	159.2
Soilless Greenhouse	45.5	5.2	8.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	45.5	5.2	8.3

Abbreviations: Cut flower, CFW; Cut foliage, CFL; Pot plants, PP; n.a., data not available.

1.3 SPAIN

1.3.1 Spanish total surface devoted to forced cultivation

Table 20: Spanish total surface devoted to forced cultivation in 2005/2006

Provinces and Autonomous Communities	Mulching	Sand cultivation	Tunnels	Greenhouses
	2006/2007	2006/2007	2006/2007	2006/2007
A Coruña	1.80,00		0,80	197,00
Lugo	9,5		0,60	22,50
Ourense	32,56		0,60	49,87
Pontevedra	158,10		0,93	194,37
GALICIA	**380,17**		**8,33**	**463,74**
P. DE ASTURIAS	**37,5**			**77,00**
CANTABRIA				**37,62**
Alava	0,25		12,00	13,50
Guipúzcoa	16,00		28,50	27,50
Vizcaya	11,00		44,00	59,50
PAIS VASCO	**27,25**		**84,50**	**100,50**
NAVARRA	**3400,00**		**6,70**	**190,12**
LA RIOJA	**270,00**		**30,00**	**42,00**
Huesca	42,13		2,03	18,06
Teruel	24,00		1,60	5,48
Zaragoza	535,30		8,00	80,28
ARAGON	**601,43**		**11,63**	**103,82**
Barcelona	418,20		94,86	376,00
Girona			5,25	27,81
Lleida	0,65		3,70	27,50
Tarragona	41,20			120,00
CATALUÑA	**836,70**		**103,81**	**551,31**
BALEARES	**40,00**		**14,00**	**168,00**
Avila			0,59	17,72
Burgos	16,78	1,77	0,60	4,81
León	6,98		2,24	24,94
Palencia				8,94
Salamanca	4,71			10,33
Segovia				6,35
Soria				3,50
Valladolid				34,00
Zamora	12,00		0,38	17,91
CASTILLA Y LEON	**40,47**		**3,80**	**128,50**
MADRID	**650,00**			**85,16**
Albacete	80,00		2,50	60,00
Ciudad Real	7890,00		8,80	22,15
Cuenca			0,08	1,86
Guadalajara	1,00		0,03	4,59
Toledo	388,55		5,02	13,55
CASTILLA-LA	**8359,55**		**16,70**	**102,15**

MANCHA				
Alicante	969,00	85	1042,50	1321,40
Castellón	175,00		490,00	65,00
Valencia	2703,00		1915,20	431,94
C. VALENCIANA	**3847,00**	**85**	**3447,70**	**1818,34**
R. DE MURCIA	**10189,00**			**5819,00**
Badajoz	3320,00		4,00	87,00
Cáceres	617,00			82,50
EXTREMADURA	**3937,00**		**4,00**	**169,50**
Almería		5733,00	1418,00	26995,00
Cádiz	0,33	82,56	67,00	654,37
Córdoba	1600,00			80,00
Granada	25,00		20,00	3750,00
Huelva	7409,00		7759,00	1000,00
Jaén	407,00		7,27	67,42
Málaga	1333,25	65,62	221,85	897,00
Sevilla	1621,00	137,00	445,00	311,00
ANDALUCIA	**12395,58**	**6018,18**	**9938,12**	**33754,79**
Las Palmas	21,50	4398,00		3230,90
S. C. Tenerife	141,80	1478,19		3560,20
CANARIAS	**163,30**	**5876,19**		**6791,10**
ESPAÑA	**45174,93**	**11902,87**	**13669,28**	**50365,02**

1.3.2 Tables & figures related to Greenhouses in Almeria

1. Type of greenhouse structures.

.

Structure type	Campaign 1999/2000 (%)	Campaign 2005/2006 (%)
Parral flat roof	39,6	33,3
Parral single span	1,9	0,2
Parral multispan symmetrical	51,7	60,0
Parral multispan	6,5	5,3
Multi span tunnel type	0,3	1,2

Table 21. Constructive trend of the different types of structures.

Structure type	Average surface (m^2)
Parral flat roof	5.945,0
Parral single span	5.000,0
Parral multi span symmetrical	8.717,6
Parral multi span asymmetrical	8.875,0
Multi span tunnel type	8.321,4

Table 22. Average greenhouse area for the different greenhouse types

Structure type	Average height (m)
Parral flat roof	2.8
Parral single span	3.8
Parral multi span symmetrical	4.0
Parral multi span asymmetrical	4.1
Multi span tunnel type	4.2

Table 23. Average greenhouse height

Grrenhouse structure	Surface %
N-S orientation	82,8
E-W orientation	17,2

Table 24. Greenhouse main axis orientation

Figure 1. Type of cladding materials per number of greenhouses. PE 720 is Polyethylene 180 microns, PE 800 term is Polyethylene 200 microns with thermal properties and Tricapas is three-layer plastic film

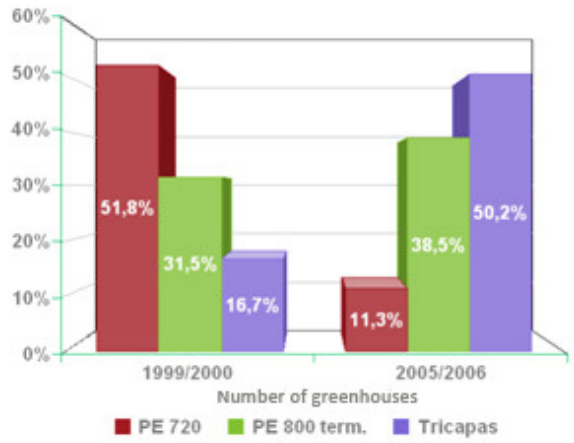
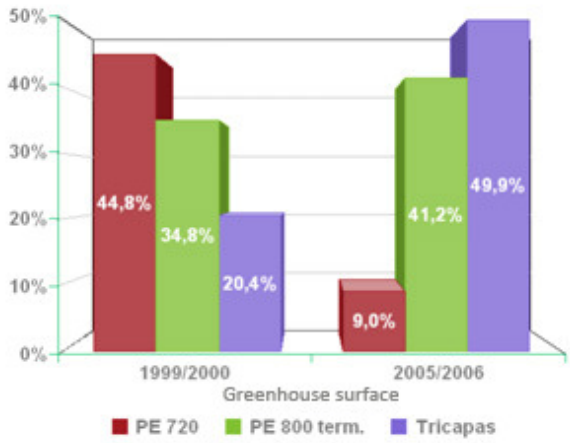


Figure 2. Type of cladding materials per greenhouse surface. PE 720 is Polyethylene 180 microns, PE 800 term is Polyethylene 200 microns with thermal properties and Tricapas is three-layer plastic film.



Type of plastic film	Colour of cladding film	Greenhouse number (%)	Greenhouse Surface (%)
PE 720	Yellow	7,9	6,1
	Colourless	3,3	2,9
PE 800 Thermal	Yellow	3,3	3,3
	Colourless	35,2	38,0
Tree-layer film	Yellow	5,4	4,4
	Colourless	44,8	45,3

Table 25. Colour of cladding materials given per greenhouse number and surface

Mulching is used in 19,3% of the greenhouses.

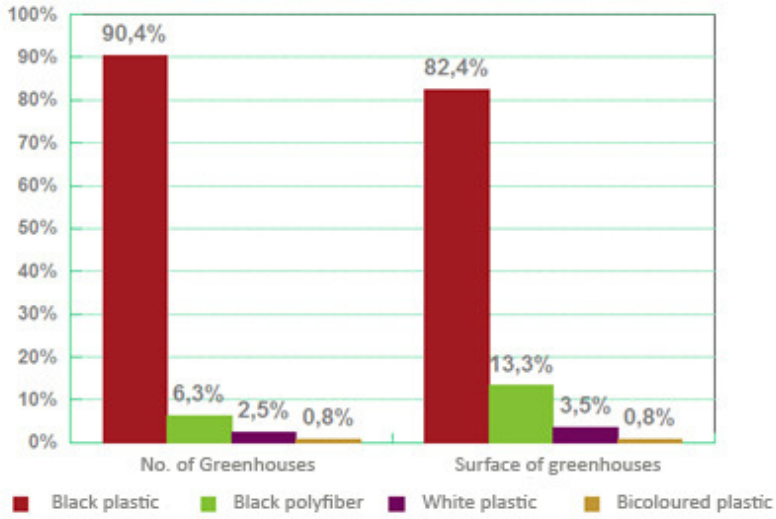


Figure 3. Percentage of the different plastic mulching materials given per number and surface of greenhouses.

3. Greenhouse equipments

Side wall ventilation systems	Number of houses (%)	Surface (%)	Control Type per % of number of greenhouses		
			Computer Control	Manual	Motorised
No side ventilation	1,1	2,7			
Hanging curtains	94,3	91,8		92,9	
Rolling curtains	4,5	5,3	0,1	4,3	0,2
Flap ventilators	0,2	0,2		0,2	

Table 26. Greenhouse side wall ventilation

.

Roof ventilation systems	Number of houses (%)	Surface (%)	Control Type per % of number of greenhouses		
			Computer Control	Manual	Motorised
No roof ventilation	15,1	10,8			
Dragged openings	40,0	35,1		40,0	
Flap ventilators	34,9	39,6	0,5	33,7	0,7
Diamond-shape openings	5,5	8,5		5,5	
Rolling ventilators	4,5	6,0		4,5	

Table 27. Greenhouse roof ventilation

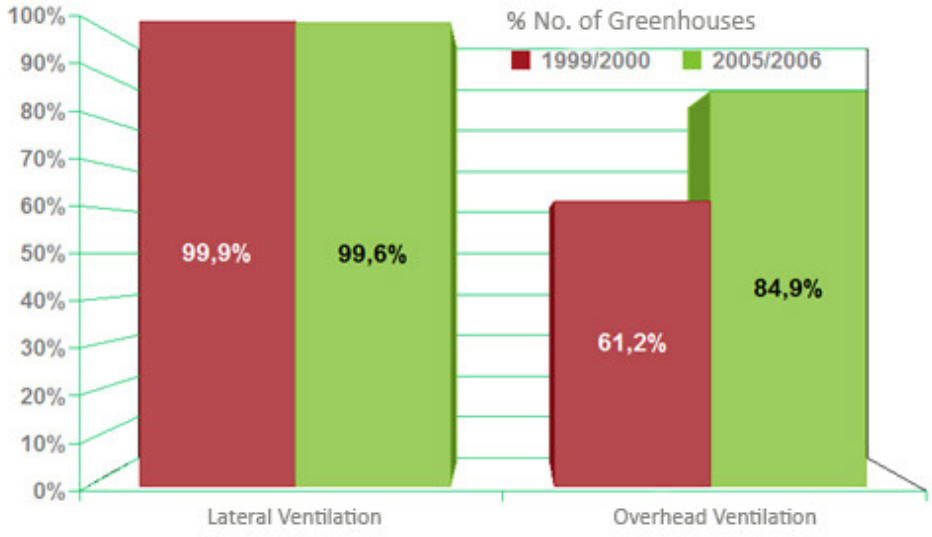


Figure 4. *Evolution of ventilation systems from 1999/2000 to 2005/2006.* growing seasons

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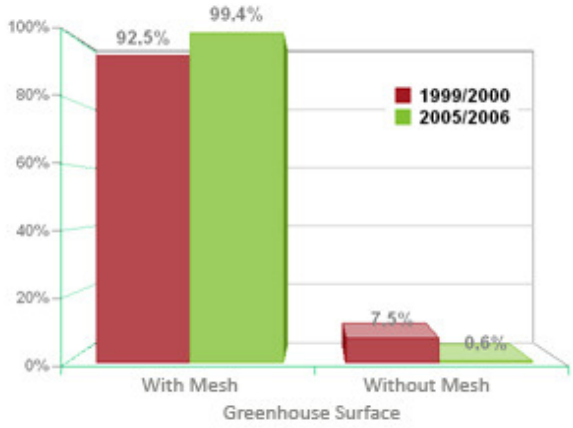

Figure 5 Use of insect-proof screens in 1999/2000 and 2005/2006 growing seasons

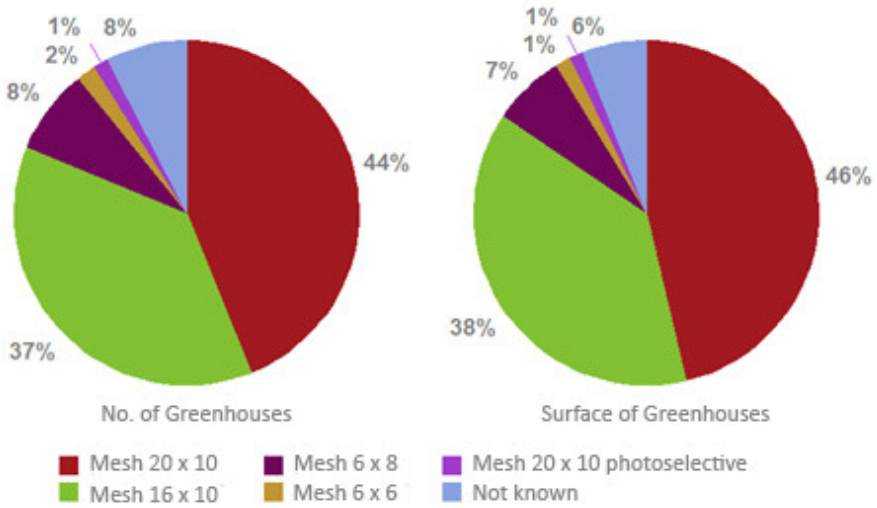

Figure 6. Type of insect-proof screens given as percentage of number and surface of greenhouses.

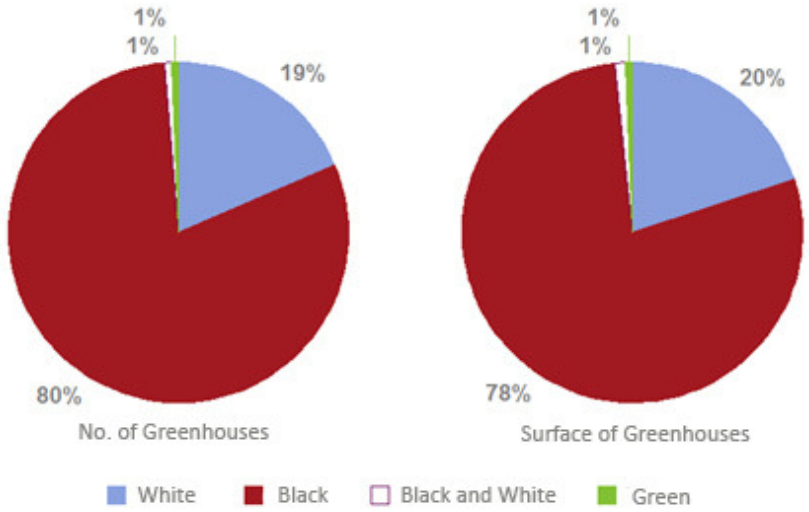

Figure 7. – Colour of insect proof screens *given as percentage of the number and surface of greenhouses.*

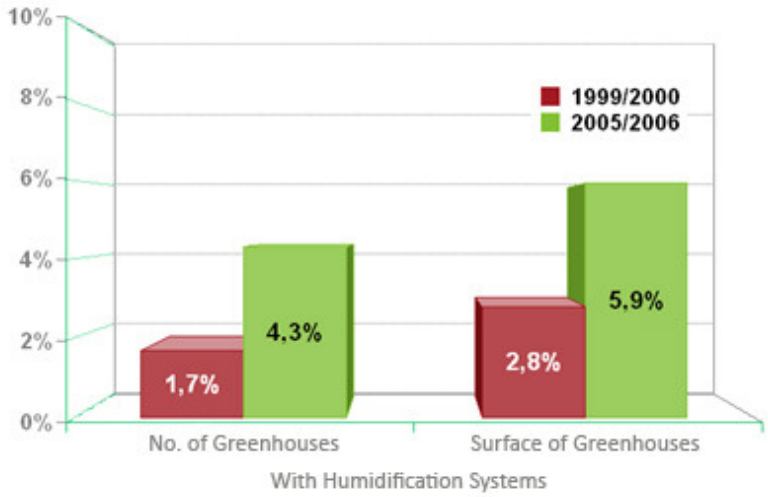

Figure 8. Evaporative cooling systems *given as percentage of the number and surface of greenhouses.*

Evaporative fogging systems	Nunmer of greenhouses (%)	Greenhouse surface (%)
High pressure (>40 kg/m^2)	18,5	17,3
Low pressure (4 y 6 kg/cm^2)	81,5	82,7

Table 28. Type of fogging systems.

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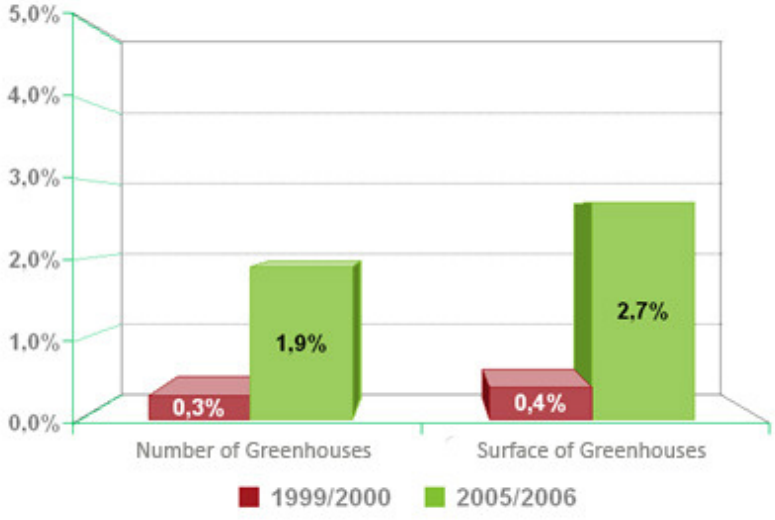

Figure 9. Greenhouses with heating systems, given as *percentage of the number and surface of greenhouses.*

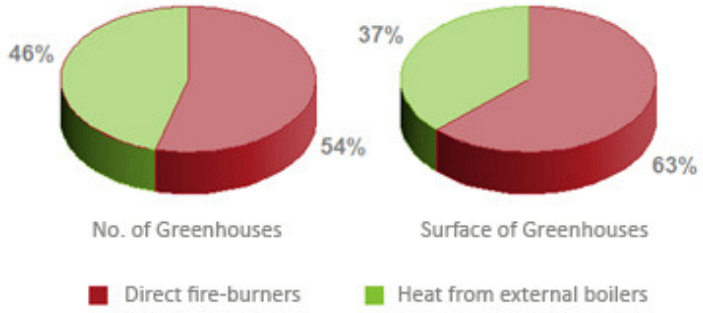

Figure 10. Type of heating systems. Direct fire burners in red and heat from external boilers in green

Ventiladores - Ventilators

Greenhouses with fan ventilation	(%)
Number of greenhouses	1,7
Greenhouse surface	2,2

Table 29. Greenhouses with fan ventilation

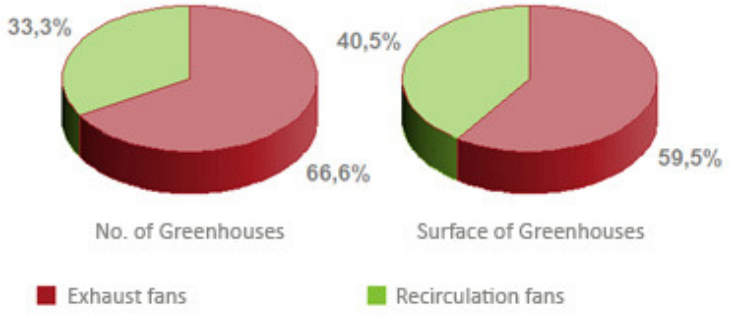

Figure 11. Type of fans. Exhaust fans in red, recirculation fans in green.

- **Soil culture and crop production systems.**

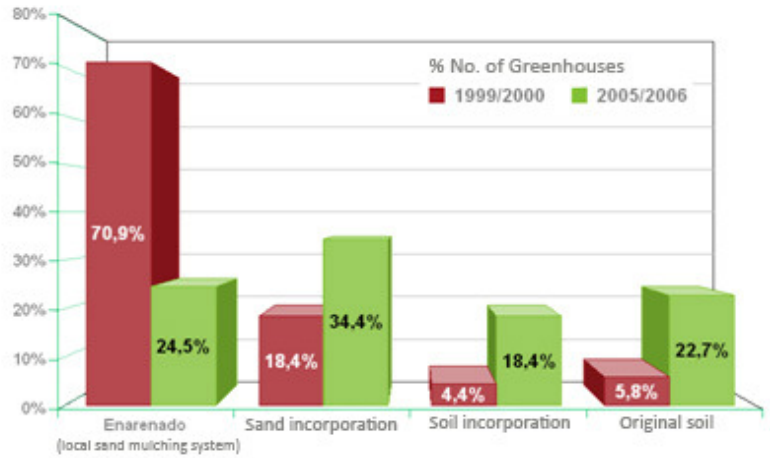

Figure 12. Soil culture for 1999/2000 to 2005/2006. growing seasons. Percentage is referred to the number of greenhouses with the different types of soil culture. Enarenado (a local sand mulching system), sand incorporation, soil incorporation and original soil without amendments.

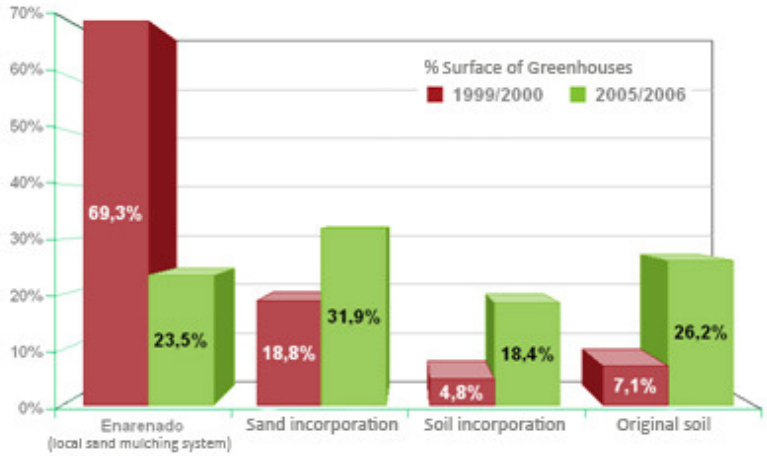

Figure 13 Soil culture for 1999/2000 to 2005/2006. growing seasons. Percentage is referred to the surface of greenhouses with the different types of soil culture. Enarenado (a local sand mulching system), sand incorporation, soil incorporation and original soil without amendments

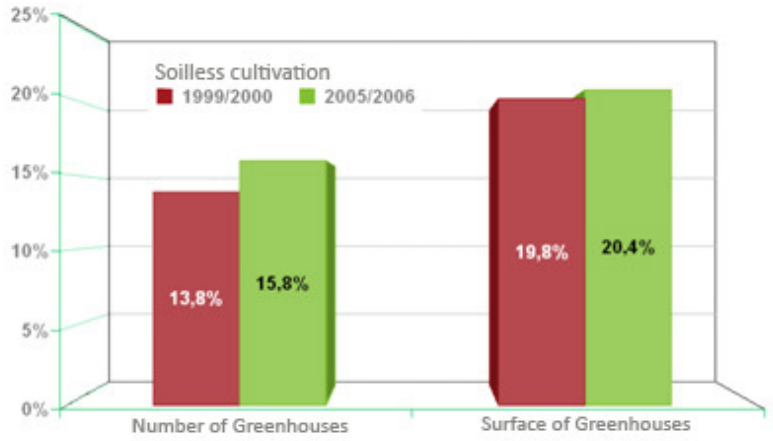

Figure 14. Soilless cultivation given as *percentage of the number and surface of greenhouses for the growing season 1999/2000 and 2005/2006*

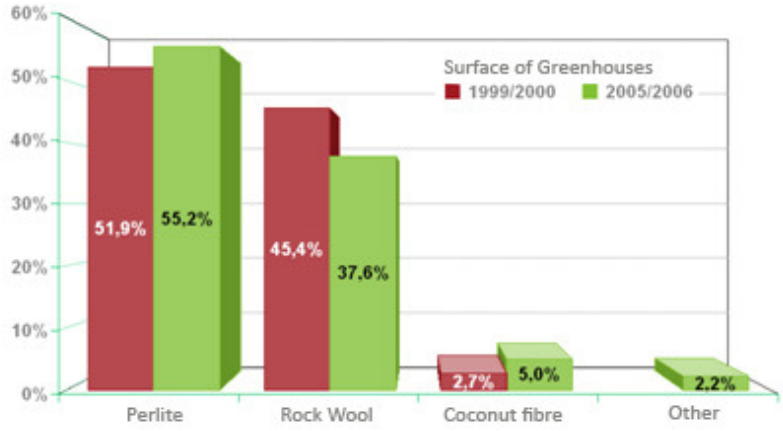

Figure 15. Type of substrate for the growing seasons 1999/2000 and 2005/2006. Perlite, rock wool, coconut fibre and others.

	Soil cultivation	Soilless cultivation
Parral flat roof	94,0%	6,0%
Parral single span	100,0%	-
Parral multi span symmetrical	75,3%	24,7%
Parral multi span asymmetrical	53,4%	46,6%
Multi span tunnel type	8,6%	91,4%

Table 30. Percentage of soil and soilless cultivation per each greenhouse type. 2005/2006 season

Irrigation systems

Type of irrigation system	Greenhouse surface
Flood irrigation	0,1%
Drip irrigation	99,9%

Table 31. Type of irrigation system, Season 2005/2006

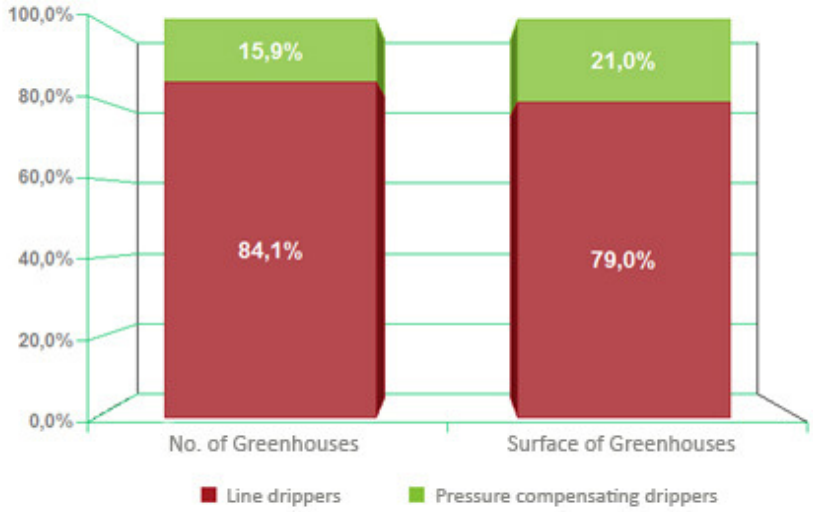

Figure 16. Type of drippers. Line drippers in red, pressure compensating drippers in green. Seasons 2005/2006.

APPENDIX III

List of Abbreviations

avg: average

HACCP: Hazard Analysis Critical Control Points

IP certified products: IP means IPM Integrated Production Management

max/min: maximum/ minimum

PE, EVA (plastic films): PoyEthylene, Ethyl Vinyl Acetate

R&D: Research & Development

std: standard deviation

GAP: Good Agricultural Practices

Appendix IV

METHODOLOGY INTERIM REPORT

AGRICULTURAL UNIVERSITY OF ATHENS

75 IERA ODOS, BOTANIKOS, 118 55 ATHENS, GREECE
DEPT. OF AGRICULTURAL ENGINEERING

Laboratory of Ag. Mechanization and Automation
TEL.: (+301)5294036, 4040, 4038, FAX: (+301)5294032
PROF.: N. SIGRIMIS

16-03-09

TO: **European Food Safety Authority**
Largo N. Palli 5/a,
I - 43100 Parma

EFSA-PPR project on

"Data-collection of existing data on protected crop systems (greenhouses and crops grown under cover) in Southern European EU Member States"

"Environmental LOad from Greenhouses"

- ELOG-EFSA

METHODOLOGY REPORT

Structure of the Document

This document is Used for evolving to a Final Report, structured in the form (outline) suggested/submitted with the 1st meeting in Parma 23-01-2009 and the Ragusa meeting June 2009

.

It consists of two parts

A. A management part which also includes 2 pages.
   1st page is a summary management report highlighting the status/progress and problems or alterations necessary to be admitted.
   2d page is a timing diagram and notes at table extension regarding the timely progress

B. A Final report (evolving) from its concept outline of 1st reporting in Parma 23-01-2009 to a consolidated final report by end of June 2009, as it has been extended to 16-09-2009.

C. Appendices (in Final Report)

A. Management part

EFSA-PPR project on

"Data-collection of existing data on protected crop systems (greenhouses and crops grown under cover) in Southern European EU Member States"

"Environmental LOad from Greenhouses"

- ELOG-EFSA

23-08-09

DELIVERABLES

Item	Deadline for delivery	PROGRESS
- Short report on the methodology for the data collection and the evaluation of the validity of the data	Within 1 month from the start of activities and after the kick-off meeting discussions	Due to difficulties in defining data to be collected and in finding sources of such data this report has been delayed
- Progress reports on data collection	Reporting on a monthly basis by email	As per presentated reports at almost monthly meetings.
- Delivery of the data in the agreed form and format with an explanatory report	Within 6 months from the start of activities	Difficulties in locating requested data an extension was agreed until 16-09-2009

***DPD=Detailed project Definition**

<u>Data to be Defined</u>

During the meetings there was sufficient time devoted to defining categories and variables of data pertinent to greenhouse emissions and a new Guidance document and Data Base was created by Olaf.MOSBACH-SCHULZ (of EFSA). This document appears n the methodology section to become a reference for the values given to variables in the DatBase.

A Project Management Plan

Anonymity and Confidentiality is a term to closely follow throughout the execution of the project.

Time chart

Symbols

☐ 1st Report [Methodology Report]

◊ 2d Report [Consolidation and Final Report]

⊗ Monthly Progress Report

* Proposal on supplementary and semiautomatic yearly data collection.

We ARE

Phase a/a	Month 1st		Month 2d		Month 3d		Month 4th		Month 5th		Month 6-9	**16-9-09**
1	**WG**: Define data w/. EFSA WG & w/ PG, 1st report w/ Parma agreed procedure	⊗										
2			**Co**: Prepare reformed data & Process **xls** & Questionnaires/ survey forms	☐								
3					**ALL**: Locate data sources w/ PG, Regions & start collection	⊗						
4							**ALL**: contact national delegates and solve problems- **collect data from official sources**	⊗				
5									**ALL**: Consolidate data, Process & feedback delegates for supplementary data	⊗		
6											**Co:** Fill-in data wholes & enter data	◊

											to DB & First draft FR	*

FR = Final Report = 2d data report xls, Consolidation, Proposal for Yearly data maintenance

-B. Final Report (evolving)-

ELOG-*EFSA*

Environmental Load from Greenhouses

METHODOLOGY INTERIM REPORT

STRUCTURE FOR FINAL REPORTS

1. METHODOLOGY*
   Methodology description (searching for official surveys, include coding manual)
   Coding Manual should be published separately

2. SPECIFIC INFORMATION FOR EACH MS (POLAND, GERMANY,…)

   2. Specific information, including data sources, "dictionary"
   3. Description of assumptions to fill in gaps
   4. Description of each additional data source

   RESULTS for each MS
   - Description of results (refer only to "hard data" not affected by assumptions), data quality and uncertainty, scientific assessment of data (discussion/conclusions/appraisal…)

3. SUMMARIZE SOME IMPLICATIONS OF THE DATA SETS FOR EACH REGION (SOUTHERN, NORTHERN, EASTERN)

4. OUTLOOK
   5. short proposal on how supplementary data could be undertaken.

5. ANNEX: Data
   6. Include data base (format to be defined)

** This interim report covers only the Methodology part of the project report*

1. METHODOLOGY

Methodology description (searching for official surveys, include coding manual)
Coding Manual should be published separately

The following report refers to the summarization of the collected data regarding to the protected crop systems in Southern European EU Member States such as Italy, Spain, Malta, France, Cyprus and Greece. The collaborated partners are:

1. the department of Crop Biology of the University of Piza,
2. the Institut de Recerca i Tecnología Agroalimentaries (IRTA) in collaboration with Los Palmerias Cajamar Institute in Almeria, and
3. the Laboratory of Agricultural Mechanization and Automation of the Agricultural University of Athens.

General Terms

Observing, respecting and securing the Integrity, Transparency and Confidentiality of EFSA

All data will have source identification or, if not possible, just the reporting media taken from

All data will have a validity or uncertainty index

Cross validation or sampling and extrapolating will be used, respecting qualitative statistics rules

If sample data cannot be generalized they will be treated such as to contribute to some statistics (central values, max or min, etc) of the assessed data

Possible Problems and Solutions

Existing/Foreseen problems with data collection	**Suggested solutions by the Contractor**
Not well defined and incompatible criteria for master table i.e. some features refer to total area but others refer to individual growers.	MUST devote time in a meeting to thoroughly discuss and produce the Master table
Fix the parameters regarding GH system structure (construction type, ventilation, irrigation, applicator)	Must develop a sensible categorizing tree and from there the Master Table (it is not a trivial job, as it has been an attempt in many R&D projects)
Load parameters (KGs, Frequency) must have more than just an average	Process data with **avg**, and **std** or **max/min** values

Data are often partial or refer to a higher or lower categorization level	Develop a procedure for extra/intrapolating or splitting categories and mark data accordingly.
Collected/published data are often contradictory or inconsisted	Develop an acceptable procedure common to all contractors

The general approach will be based on:

1) Preliminary analysis of existing data provided by EUROSTAT and other sources at national or regional level, such as National Statistical Services and Agricultural Ministerial Databases will be consulted and data harmonization will be attempted by the Executive Committee. In important, in terms of acreage and production volume, countries (Spain, France, Italy, Greece) more sources of local organizations will be investigated and existing data will be collected. Most likely, this analysis will provide the required information about the acreage of selected crops or crop groups in each country with limited or no data about the diffusion of specific growing systems (e.g. open and closed soilless growing systems) and/or pesticide application methods as those listed in the Excel file attached to the Technical Specifications.

The National accumulated data, of Spain, Italy and Greece, together with identified problems and the possible solutions, will be included in the 1st Preliminary Data Report along with a Suggested Plan, elaborated by the Executive Committee in the light of the objectives of EFSA, to be further discussed with EFSA/WG representative. The modified Suggested Plan with a final agreed appropriate (feasible&desirable) plan will be amended to the 1st month's report. This shall be synchronized, completed with crop categories and Data Tables, and resubmitted as the agreed Detailed Project Definition (DPD) plan. The Suggested Plan will be formulated along the following lines.

Existing nationally collected data will be gathered and analyzed by end of March 2009. Sources of such data in Southern Europe that have been identified are as follows (the list is not closed and will be open to new sources that will be identified along the search for data):

Sources of Information Identified

GREECE

1. National Statistics Services of Greece http://www.statistics.gr/

2. Ministry of Rural Development and Food, general Directory of plant Production, Direction of Horticulture (Mr Karapas)

3. National Agricultural Research Foundation (NAGREF)

Regional and Local Sources (cover 80% of GHs of Greece)

	Name	City	Category	Contact	
1	EAS Messaras	Heraklio	private	28920 27611	tel
				28920 22665	fax
				easm@mir.forthnet.gr	e-mail

				-	
2	EAS Zakynthou	Zakynthos	private	26950 48129	tel
				26950 22268	fax
				easzakinthoy@aias.gr	e-mail
				-	
3	EAS Aigiou	Airio	private	26910 22410	tel
				26910 25928	fax
				edp@pesunion.gr	e-mail
4	EAS Siteias	Siteia	private	28430 29999	tel
				28430 29990	fax
				info@sitiacoop.gr	e-mail
5	EAS Nemeas	Nemea	private	27460 23309	
				27460 24014	
				-	
6	EAS Ksylokastrou	Ksylokastro	private	27430 22432	tel
				27430 22821	fax
				unionxyl@hol.gr	e-mail
7	K.S.O.S.	Heraklio	private	2810 382660	tel
				2810 381438	fax
				ksos@otenet.gr	e-mail
8	EAS Kiatou	Kiato	private	27420 22229	tel
				27420 22455	fax
				easkiato@otenet.gr	e-mail
9	EAS Herakliou	Heraklio	private	2810 37800	tel
				2810 261150	fax
				info@agrunion.gr	e-mail
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				22220 31054	fax
				sigkimi@otenet.gr	e-mail
11	O.P. Amaliados	Amaliada	private	26220 24173	tel
				26220 24163	fax
12	EAS Serron	Serres	private	23210 27891	tel
				23210 67113	fax
				eas@aias.gr	e-mail
13	EAS Paggeou	Eleftheroupoli	private	25920 23891	tel
				25920 23076	fax
				easpageou@otenet.gr	e-mail
14	EAS Drama	Drama	private	25210 57145	tel
				25210 57147	fax
				-	
15	EAS Leivadia	Leivadia	private	22610 22576	tel

sss				22610 28366	fax
				egsliv@otenet.gr	e-mail
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				22310 22219	fax
				egs-lamia@otenet.gr	e-mail
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				23510 38508	fax
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19	EAS Farsallon	Farsalla	private	24910 23960	tel
				2491023020	fax
				info@farsalacoop.gr	e-mail
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				24220 233345	fax
				easalm@otenet.gr	e-mail
21	EAS Volou	Volos	private	24210 64675	tel
				24210 64675	fax
				easbolou@hol.gr	e-mail
22	EAS Kavalas	Kavala	private	2510 830124	tel
				2510 223506	fax
23	O.P. Ksanthis	Ksanthi	private	25410 22924	tel
24	O.P. Thessalonikis	Salonica	private	2310 715207	tel
				2311 715207	fax
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				24630 91269	fax
26	O.P. Aksioupolis	Kilkis	private	23430 31368	tel
				23430 31201	fax
27	O.P. Pierias	Katerini	private	23510 28221-5	tel
				23510 38508	fax
				eas-pierias@kat.forthnet.gr	e-mail
28	KESPY	Athens	private	210 5236600	tel
				210 5239809	fax
				kespy@kespy.gr	e-mail
29	EAS Lagada	Salonica	private	23940 22242	tel

				2394022246	fax
				egslag@internet.gr	e-mail
30	EAS Visaltias	Serres	private	23220 23005	tel
				23220 23014	fax
				easvisal@otenet.gr	e-mail
31	EAS Giannitson	Giannitsa	private	23820 22203	tel
				23820 28344	fax
				enosi3@otenet.gr	e-mail
32	EAS Larisas	Larisa	private	2410 617418-23	tel
				2410 617462	fax
				easlar@sparknet.gr	e-mail
33	O.P. Gastounis	Gastouni	private	26230 32209	tel
				26230 35321	fax
				asgast@acn.gr	e-mail
34	O.P. Ileias	Ileia	private	26220 24173	tel
				26220 24163	fax
				-	
35	O.P. Karditsas	Karditsa	private	24430 95091	tel
				24430 95454	fax
36	OP B. TOM. Ksiniados	Domokos	private	22320 31149	tel
				22320 31154	fax
				asoptom@otenet.gr	e-mail
37	KOPA "VORAS"	Aridaia	private	23840 22092	tel
				22650- 23065	fax
				copavoras@otenet.gr	e-mail
38	OPEAS Amyntaiou	Amyntaio	private	23860 23813 - 23835	tel
				23860 23879	fax
				wineamyn@otenet.gr	e-mail
39	O.P. EAS Mesologgiou-Nafpaktoy	Mesologi	private	26310 55231	tel
				26310 22289	fax
				easmn@otenet.gr	e-mail
40	A.S. Esper. Traganou Ileias	Tragano Ileias	private	26230 61228	tel
				26230 61047	fax
				stragano@otenet.gr	e-mail
41	Agricultural service of Drama	Drama	Public	2 names	
42	Agricultural service of Kavala	Kavala	Public		
43	Agricultural service of Serres	Serres	Public		
44	Agricultural service of Evros	Evros	Public		
45	Agricultural service of Orestiada	Orestiada	Public		

46	Agricultural service of Rodopi	Rodopi	Public		
47	Agricultural service of Ksanthi	Ksanthi	Public		
48	Agricultural service of Salonica	Salonica	Public		
49	Agricultural service of Pieria	Pieria	Public		
50	Agricultural service of Imathia	Imathia	Public		
51	Agricultural service of Pella	Pella	Public		
52	Agricultural service of Giannitsa	Giannitsa	Public		
53	Agricultural service of Kilkis	Kilkis	Public		
54	Agricultural service of Chalkidiki	Chalkidiki	Public		
55	Agricultural service of Florina	Florina	Public		
56	Agricultural service of Kastoria	Kastoria	Public		
57	Agricultural service of Kozani	Kozani	Public		
58	Agricultural service of Grevena	Grevena	Public		
59	Agricultural service of Arta	Arta	Public		
60	Agricultural service of Preveza	Preveza	Public		
61	Agricultural service of Ioannina	Ioannina	Public		
62	Agricultural service of Thesprotia	Thesprotia	Public		
63	Agricultural service of Lefkada	Lefkada	Public		
64	Agricultural service of Corfu	Corfu	Public		
65	Agricultural service of Larisa	Larisa	Public		
66	Agricultural service of Magnisia	Magnisia	Public		
67	Agricultural service of Trikala	Trikala	Public		
68	Agricultural service of Karditsa	Karditsa	Public		
69	Agricultural service of Evritania	Evritania	Public		
70	Agricultural service of Fthiotida	Fthiotida	Public		
71	Agricultural service of Argolida	Argolida	Public		
72	Agricultural service of Korinthos	Korinthos	Public		
73	Agricultural service of Achaia	Achaia	Public		
74	Agricultural service of Arkadia	Arkadia	Public		
75	Agricultural service of Messinia	Messinia	Public		
76	Agricultural service of Trifilia	Trifilia	Public		
77	Agricultural service of Lakonia	Lakonia	Public		
78	Agricultural service of Ileia	Ileia	Public		
79	Agricultural service of Aitoloakarninia	Aitoloakarnania	Public		
80	Agricultural service of Zakynthos	Zakynthos	Public		
81	Agricultural service of Kefallonia	Kefallonia	Public		
82	Agricultural service of W. Attica	W. Attica	Public		
83	Agricultural service of E. Attica	E. Attica	Public		
84	Agricultural service of Piraeus	Piraeus	Public		
85	Agricultural service of Viotia	Viotia	Public		
86	Agricultural service of Fokida	Fokida	Public		

87	Agricultural service of Evoia	Evoia	Public		
88	Agricultural service of Lesvos	Lesvos	Public		
89	Agricultural service of Chios	Chios	Public		
90	Agricultural service of Samos	Samos	Public		
91	Agricultural service of Cyclades	Cyclades	Public		
92	Agricultural service of Dodekanisa	Dodekanisa	Public		
93	Agricultural service of Heraklio	Heraklio	Public		
94	Agricultural service of Lasithi	Lasithi	Public		
95	Agricultural service of Chania	Chania	Public		
96	Agricultural service of Rethimno	Rethimno	Public		

CYPRUS

1. Statistical Service of the Republic of Cyprus - http://www.mof.gov.cy/mof/cystat
2. Agricultural Research Institute (ARI)//http://arinet.ari.gov.cy/
3. Ministry of Agriculture of Cyprus

ITALY

INTRODUCTION

The following report concern the activity of the survey conducted by the Department of Crop Biology (DBPA) of the University of Pisa with regard to the contract "Data-collection of existing data on protected crop system (greenhouse and crops grown under cover) in Southern European EU Member States".

The DBPA has been invited by the Laboratory of Agricultural Mechanization and Automation (chairman Prof. Nick Sigriminis) to be a subcontractor in collecting data for the following EU countries: Italy, France and Malta.

The survey for DBPA has been conducted by Alessandro Natalini on behalf of PhD Luca Incrocci under the supervision of Prof. Andrea Cavallini..

METHODOLOGY

The survey has been conducted since the end of March 2009 according to the guidelines reported on EFSA (2009). The aim was to prepare a survey for protected cropping system separately for each southern European member state (Italy and France) at regional levels.

Different actions have been performed (the date by which they were completed is indicated in brackets)

- Collection and processing of data from the official National Institute for Statistic in Italy (ISTAT). This step has been developed by using web resources and by contacting (by phone) a few officers of different institutions to introduce the letter with the query (end of March 2009).
- Collection and selection of private or public entities, grower associations or private companies at both national and regional level for the main horticultural districts in Italy (beginning of April 2009).
- Official request (by post and/or fax) to selected institutions in Italy (beginning of May 2009).
- Official request (by post and email) to selected institutions in France and Malta (end of May)
- Searching for data reported in technical Italian publications (end of May)
- Data processing
- Processing gathered data from contacts (end of May 2009).
- First report (mid June 2009).

In the letter sent to selected institutions, the following parameters have been requested:

i) protected crop category (horticultural crops: leafy and fruiting vegetables, pot ornamentals, cut flowers, cultivated mushrooms, strawberry, table grape, other fruit crops under protected area) and species;

ii) protection structure (shelter, net tunnel, plastic tunnel, shading net, shade house, glasshouse or greenhouse in plastic material) and the level of technology used for the structure (high, medium or low level);

iii) growing system: growing media (soil, soilless with substrate or soilless without substrate) and growing system (closed or semi-closed loop hydroponic cycle);

iv) the methodology used to collect data (e.g., the type of questionnaire).

Table 1: List of contacted institutions in Italy.

Name	City	Category	Contacted person

AGRIS Sardegna	Sassari	Public	Chairman Prof. G. Pulina
AIF	Verona	Mushroom grower association	Chairman
Apo Sant'Orsola	Trento	Grower association	President
Apo Scaligera Diva Verona	Verona	Grower association	President
Apofruit Italia	Cesena	Grower association	Dr. S. Giunchi
ARSIA Region Tuscany	Florence	Public	Dr. Pinzautie
ARSIAL of Region Lazio	Rome	Public	Dr. M. Targ
CIA	Rome	Grower association	President
CIA of Cagliari	Cagliari	Grower association	Dr. E. Pierangioli
CIA of Province Bergamo	Bergamo	Grower association	President
CIA of Province Brescia	Brescia	Grower association	President
CIA of Province Imperia	Imperia	Grower association	President
CIA of Province Ragusa	Ragusa	Grower association	President
CIA of Province Salerno	Salerno	Grower association	President
Coldiretti	Rome	Grower association	Dr. G. Bertolini, Chairman
Comicent	Pescia (Pt)	Grower association	Dr. C. Chiostri, Chairman
Copagri Marche	Ancona	Grower association	Dr. E. Landi, Chairman
Ercolano Flower Market	Ercolano (NA)	Grower association	Dr. P. Navarro
Flor.A.S.	Albenga (SV)	Grower association	Dr. G. Panizza
INEA	Rome	Public	Secretary
ISTAT	Rome	Public	Chairman of "Dept. of Agriculture"
ISTAT	Rome	Public	Dr. Moro
ISTAT	Rome	Public	Dr. Greco
ISTAT of Campania Region	Naples	Public	Chairman
ISTAT of Lazio Region	Rome	Public	Chairman
ISTAT of Lombardia Region	Milan	Public	Chairman
ISTAT of Sardinia Region	Cagliari	Public	Chairman
ISTAT of Sicily Region	Palermo	Public	Chairman
ISTAT of Veneto Region	Venice	Public	Chairman
Mercato Fiori	Lecce	Grower association	Municipality

Leverano			
MIPAF	Rome	Public	Chairman of URP Dept.
Pachino Sicily	Siracusa	Grower association	Dr. S. Fortunato, President
Region Campania	Naples	Public	Assessorship for Agriculture"
Region Lazio	Rome	Public	Dr. R. Aleandri
Region Sicily	Palermo	Public	Dr. G. Nobile
San Remo Flower Market	San Remo (IM)	Grower association	Dr. F. Gimelli
San Remo Flower Market	San Remo (IM)	Grower association	Dr.ssa E. Bianchini
Unaproa	Rome	Grower association	President

Abbreviations: AGRIS, Agricultural Research Agency of Sardinia (Agenzia per la Ricerca in Agricoltura della regione Sardegna); AIF, Grower Italian Association of Mushrooms (Associazione Italiana Fungicoltori); ARSIA, Agricultural Research Agency of Tuscany (Agenzia Regionale per lo Sviluppo e l'Innovazione in Agricoltura regione Toscana); ARSIAL, Agricultural Research Agency of Lazio (Agenzia Regionale per lo Sviluppo e l'Innovazione dell'Agricoltura del Lazio); CIA, Italian Farmer Association (Confederazione Italiana Agricoltori); INEA, National Institute of Economy in Agriculture (Istituto Nazionale di Economia Agraria); ISTAT, National Institute of Statistic (Istituto Nazionale di Statistica); MIPAF, Italian Ministry of Agriculture, Food and Forestry Policies (Ministero delle Politiche Agricole, Alimentari e Forestali); URP, Department for Public Relation (Ufficio Relazioni con il Pubblico);

FRANCE

Table 9: List of contacted institutions in France.

Name	City	Category	Contacted person
INSEE	Orléans	Public	Chairman
CPA	Paris	Producer Association	Michel Loubry – Chairman
CTIFL	Paris	Public	Chairman

Abbreviations: INSEE, Institut national de la statistique et des études économiques; CPA, Comité des Plastiques en Agriculture; CTIFL, Centre Technique Interprofessionnel des Fruits et Légume.

SPAIN

1. Instituto Nacional de Estadística. (National Statistics Institute) < www.ine.es >
2. Ministry of Agriculture, Fisheries and Food < www.mapa.es/portada_en.htm >

Regional and Local Sources (cover ??% of GHs of Spain)

- Fundacíon Cajamar (classified as General Interest Foundation). Paraje Las Palmerillas 25. El Ejido Almería (Spain) http://www.fundacioncajamar.es/
- Coexphal. Growers Association for Exportation of Horticultural Produce. http://www.coexphal.es/
- IFAPA. Research Center owned by the local government of Andalucia.
- Junta de Andalucía. Department of Agriculture and Fisheries. Government of Andalucia

http://www.juntadeandalucia.es/innovacioncienciayempresa/ifapa/servlet/

PORTUGAL

1. Universidade de Evora, contact Fatima Baptista

2. Lisbon University contact Jorge Meneses

FURTHER ON METHODOLOGY

This project, as it was launched, refers to existing only official sources of information. As it becomes apparent from preliminary research the existing sources do not provide enough details that are needed to conduct precise analysis and estimates of environmental impact of greenhouses in South MSs. Therefore a second step will be needed to collect enough detailed information, based on statistical approaches and sampling to complement this first effort. The following provide a picture of what is further needed and how to approach it.

2) From the analysis of available statistical data the most important countries and NUTS, a number of important areas and crops, for all protection structures of interest, not only "greenhouse and glasshouse" (e.g. table grape and strawberry under plastic shelters), will be identified. Among them the most interesting **protected cropping systems** (**PCS**) will be selected on the basis of criteria concerning their distribution in Southern Europe and the expected level of pesticide application. A few examples of PCS are tomato in Almeria (Spain) and Sicily (Italy), cucumber in Crete (Greece), and table grape or strawberry in Sicily.

Identify - according to the data and personal experience - the most relevant scenarios or cases. These are "economically-important crops conducted in a given environmental and growing conditions in selected countries" for which through specific actions (technical visit, questionnaires, focus groups, experts' opinions, etc.) a detailed description (estimated/know acreage, standard and under development greenhouse types and growing techniques, detailed description of pest/disease management) could be provided at reasonable costs: for instance: tomato in Sicily.

3) Detailed survey for each PCS. This survey will be conducted on-site with the assistance of local consultants and top-growers and will focus on the state of the art and possible future development of protection structures and growing systems. Particular attention will be paid to the type of greenhouse/glasshouse, the use of open or closed soilless systems as well as drainage water recycling in soil culture, pest management (to identify the most important

pests and diseases, application methods and, possibly, the number of treatments per year for most used pesticide). The description should be based on detailed interviews to the consultant(s) and growers as well as on-site visits to selected farms.

The surveyed data will provide a more detailed picture of the environmental situation at South, as official sources are only limited to acreage and type of construction. Analysis trying to correlate environmental loads to GH structures and equipment or local cultivation practices will be attempted and, in case of non-validated results, it will be left for monitoring with successive data. That is, where results are not safe to draw conclusions, recommendations will be made for further investigation with subsequent data, as "data yearly update process" will be part of the final report.

APPENDIX V

Collected Data (Master Table)

A	A1	A2	A3	A4	A5	M1	M2	M3	D	E1	E2	B	C1	C2	F1	F2	F3	G1	G2	G3	W1	W2	W3	V1	V2	V3	X1	X2	X3	S1	S2	S3	I1	I2	I3	N1	N2	N3	J1	J2	J3	O	K	L
30000002 / agricultural headship of Drama	300	0	2	Ministry	agricultural headship of Drama	0,6	6,00	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99			99			9			9			1			9			9			9			.	.	9	2006	300	GR111
30000002 / agricultural headship of Drama	300	0	2	Ministry	agricultural headship of Drama	9,9	99	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99			99			9			9			1			9			9			9			.	.	9	2006	300	GR111
30000002 / agricultural headship of Kavala	300	0	2	Ministry	agricultural headship of Kavala	4,3	43	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99			99			9			9			1			9			9			9			.	.	9	2006	300	GR111
30000002 / agricultural headship of Serres	300	0	2	Ministry	agricultural headship of Serres	12,5	125	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99			99			9			9			1			9			9			9			.	.	9	2006	300	GR112
30000002 / agricultural headship of Evros	300	0	2	Ministry	agricultural headship of Evros	1,6	16	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99			99			9			9			1			9			9			9			.	.	9	2006	300	GR111
30000002 / agricultural headship of Oresti	300	0	2	Ministry	agricultural headship of Orest	1,8	18	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99			99			9			9			1			9			9			9			.	.	9	2006	300	GR111

ada					iada																										
30000002 / agricultural headship of Rodopi	300		02	Ministry	agricultural headship of Rodopi	4	40	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural headship of Ksanthi	300		02	Ministry	agricultural headship of Ksanthi	2,9	29	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural headship of Thessaloniki	300		02	Ministry	agricultural headship of Thessaloniki	20	200	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural headship of Pieria	300		02	Ministry	agricultural headship of Pieria	8,5	85	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural headship of Imathia	300		02	Ministry	agricultural headship of Imathia	4	40	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural headship of Imathia	300		02	Ministry	agricultural headship of Imathia	10	100	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12

30000002 / agricultural headship of Pella	300	0	2	Ministry	agricultural headship of Pella	13	130	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural headship of Kilkis	300	0	2	Ministry	agricultural headship of Kilkis	0,8	8	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural headship of Chalkidiki	300	0	2	Ministry	agricultural headship of Chalkidiki	11	110	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural headship of Florina	300	0	2	Ministry	agricultural headship of Florina	0,8	8	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR13
30000002 / agricultural headship of Kastoria	300	0	2	Ministry	agricultural headship of Kastoria	0,2	2	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR13
30000002 / agricultural headship of Kozani	300	0	2	Ministry	agricultural headship of Kozani	0,6	6	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR13
30000002 / agricul	300	0	2	Ministry	agricultural	6,5	65	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2000	300	GR2

tural headship of Arta					headship of Arta																								6		1
30000002 / agricultural headship of Preveza	300	0	2	Ministry	agricultural headship of Preveza	70	700	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21			
30000002 / agricultural headship of Preveza	300	0	2	Ministry	agricultural headship of Preveza	0,5	5	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21			
30000002 / agricultural headship of Ioannina	300	0	2	Ministry	agricultural headship of Ioannina	18,3	183	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21			
30000002 / agricultural headship of Thesprotia	300	0	2	Ministry	agricultural headship of Thesprotia	4,1	41	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21			
30000002 / agricultural headship of Lefkada	300	0	2	Ministry	agricultural headship of Lefkada	0,4	4	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR22			
30000002 / agricultural headship	300	0	2	Ministry	agricultural headship	0,7	7	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR22			

hip of Corfu					of Corfu																										
30000002 / agricultural headship of Corfu	300	0	2	Ministry	agricultural headship of Corfu	3,3	33	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR22
30000002 / agricultural headship of Larisa	300	0	2	Ministry	agricultural headship of Larisa	5	50	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural headship of Magnisia	300	0	2	Ministry	agricultural headship of Magnisia	1,7	17	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural headship of Magnisia	300	0	2	Ministry	agricultural headship of Magnisia	15	150	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural headship of Trikala	300	0	2	Ministry	agricultural headship of Trikala	39,5	395	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural headship of Karditsa	300	0	2	Ministry	agricultural headship of Karditsa	0,2	2	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14

30000002 / agricultural headship of Karditsa	300		2	Ministry	agricultural headship of Karditsa	8,8	88	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		1		9		9		9		2006	300	GR14
30000002 / agricultural headship of Fthiotida	300		2	Ministry	agricultural headship of Fthiotida	8,5	85	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		1		9		9		9		2006	300	GR24
30000002 / agricultural headship of Argolida	300		2	Ministry	agricultural headship of Argolida	42	420	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		1		9		9		9		2006	300	GR25
30000002 / agricultural headship of Korinthia	300		2	Ministry	agricultural headship of Korinthia	1,2	12	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99		99		9		9		1		9		9		9		2006	300	GR25
30000002 / agricultural headship of Korinthia	300		2	Ministry	agricultural headship of Korinthia	16,8	168	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		1		9		9		9		2006	300	GR25
30000002 / agricultural headship of Achaia	300		2	Ministry	agricultural headship of Achaia	3	30	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		1		9		9		9		2006	300	GR23
30000	3	0	2	Min	agric	18	18	6	230	231	tomat	22	plastic	plastic	9		9		9		9		1		9		9		9		2	3	G

002 / agricultural headship of Arkadia	00			istry	ultural headship of Arkadia		0				o	21	greenhouse	grenhouse	9	9							.	.		006	00	R25
30000002 / agricultural headship of Messinia	300	0	2	Ministry	agricultural headship of Messinia	10	100	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural headship of Trifilia	300	0	2	Ministry	agricultural headship of Trifilia	32	320	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural headship of Lakonia	300	0	2	Ministry	agricultural headship of Lakonia	2,9	29	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural headship of Lakonia	300	0	2	Ministry	agricultural headship of Lakonia	7,5	75	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural headship of Ileia	300	0	2	Ministry	agricultural headship of Ileia	8	80	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR23
30000002 / agricul	300	0	2	Ministry	agricultural	2	20	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	200	300	GR2

tural headship of Aitoloakarnania					headship of Aitoloakarnania																							6		3
30000002 / agricultural headship of Aitoloakarnania	300	0	2	Ministry	agricultural headship of Aitoloakarnania	58	580	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR23
30000002 / agricultural headship of Zakynthos	300	0	2	Ministry	agricultural headship of Zakynthos	1,9	19	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR22
30000002 / agricultural headship of Kefallonia	300	0	2	Ministry	agricultural headship of Kefallonia	1	10	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR22
30000002 / agricultural headship of West Attiki	300	0	2	Ministry	agricultural headship of West Attiki	4	40	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR30
30000002 / agricultural headship of East Attiki	300	0	2	Ministry	agricultural headship of East Attiki	30	300	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR30
30000002 /	30	0	2	Ministr	agricultura	44,7	447	6	230	231	tomato	2221	plastic greenh	grenho	99	99	9	9	1	9	9	9	.	.	9	20	30	GR

agricultural headship of East Attiki	0			y	l headship of East Attiki								ouse	use													0 6	0	3 0
30000002 / agricultural headship of Piraeus	3 0 0	0	2	Ministry	agricultural headship of Piraeus	1,8	18	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .		9	2 0 0 6	3 0 0	G R 3 0
30000002 / agricultural headship of Piraeus	3 0 0	0	2	Ministry	agricultural headship of Piraeus	3	30	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .		9	2 0 0 6	3 0 0	G R 3 0
30000002 / agricultural headship of Voiotia	3 0 0	0	2	Ministry	agricultural headship of Voiotia	3	30	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .		9	2 0 0 6	3 0 0	G R 2 4
30000002 / agricultural headship of Eyvoia	3 0 0	0	2	Ministry	agricultural headship of Eyvoia	11,8	118	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .		9	2 0 0 6	3 0 0	G R 2 4
30000002 / agricultural headship of Lesvos	3 0 0	0	2	Ministry	agricultural headship of Lesvos	14,8	148	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .		9	2 0 0 6	3 0 0	G R 4 1
30000002 / agricul	3 0 0	0	2	Ministry	agricultural	3,3	33	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .		9	2 0 0	3 0	G R 4

tural headship of Chios					headship of Chios																								6		1
30000002 / agricultural headship of Samos	300	0	2	Ministry	agricultural headship of Samos	8,4	84	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR41
30000002 / agricultural headship of Cyclades	300	0	2	Ministry	agricultural headship of Cyclades	1,5	15	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural headship of Dodekanisa	300	0	2	Ministry	agricultural headship of Dodekanisa	0,4	4	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural headship of Dodekanisa	300	0	2	Ministry	agricultural headship of Dodekanisa	11,3	113	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural headship of Heraklio	300	0	2	Ministry	agricultural headship of Heraklio	3,5	35	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000002 / agricul	300	0	2	Ministry	agricultural	4	40	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2000	300	GR4

tural headship of Heraklio					headship of Heraklio																							6		3
30000002 / agricultural headship of Rethymno	300	0	2	Ministry	agricultural headship of Rethymno	4	40	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural headship of Rethymno	300	0	2	Ministry	agricultural headship of Rethymno	0,5	5	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural sevice of Fthiotida	300	0	2	Ministry	agricultural service of Fthiotida	0,8	8	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR24
30000002 / agricultural sevice of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	0,4	4	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural sevice of Chania	300	0	2	Ministry	agricultural service of Chania	4,4	44	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural	300	0	2	Ministry	agricultural servi	0,4	4	6	230	231	tomato	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR43

sevice of Rethimno					ce of Rethimno																									
30000002 / agricultural service of Kavala	300	0	2	Ministry	agricultural service of Kavala	8,5	85	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Serres	300	0	2	Ministry	agricultural service of Serres	8,5	85	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Evros	300	0	2	Ministry	agricultural service of Evros	0,4	4	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Ksanthi	300	0	2	Ministry	agricultural service of Ksanthi	3,6	36	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Thessaloniki	300	0	2	Ministry	agricultural service of Thessaloniki	70	700	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Imathia	300	0	2	Ministry	agricultural service of Imathia	3	30	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR12

30000002 / agricultural service of Pella	300		02	Ministry	agricultural service of Pella	50	500	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9		9						9	2006	300	GR12
30000002 / agricultural service of Giannitsa	300		02	Ministry	agricultural service of Giannitsa	85	850	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9		9						9	2006	300	GR12
30000002 / agricultural service of Chalkidiki	300		02	Ministry	agricultural service of Chalkidiki	40	400	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9		9						9	2006	300	GR12
30000002 / agricultural service of Kozani	300		02	Ministry	agricultural service of Kozani	0,4	4	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9		9						9	2006	300	GR13
30000002 / agricultural service of Grevena	300		02	Ministry	agricultural service of Grevena	0,5	5	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9		9						9	2006	300	GR13
30000002 / agricultural service of Arta	300		02	Ministry	agricultural service of Arta	4,3	43	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9		9						9	2006	300	GR21
30000002 / agricultural	300		02	Ministry	agricultural servi	54	540	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9		9						9	2006	300	GR21

service of Prevez a					ce of Prev eza																										
30000 002 / agricul tural servic e of Ioanni na	3 0 0	0	2	Min istr y	agric ultura l servi ce of Ioann ina	3,2	32	6	230	231	tomat o	22 21	plastic greenh ouse	plastic grenho use	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	G R 2 1				
30000 002 / agricul tural servic e of Lefkad a	3 0 0	0	2	Min istr y	agric ultura l servi ce of Lefka da	1,1	11	6	230	231	tomat o	22 21	plastic greenh ouse	plastic grenho use	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	G R 2 2				
30000 002 / agricul tural servic e of Corfu	3 0 0	0	2	Min istr y	agric ultura l servi ce of Corfu	4	40	6	230	231	tomat o	22 21	plastic greenh ouse	plastic grenho use	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	G R 2 2				
30000 002 / agricul tural servic e of Larisa	3 0 0	0	2	Min istr y	agric ultura l servi ce of Laris a	16	16 0	6	230	231	tomat o	22 21	plastic greenh ouse	plastic grenho use	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	G R 1 4				
30000 002 / agricul tural servic e of Magni sia	3 0 0	0	2	Min istr y	agric ultura l servi ce of Magn isia	6	60	6	230	231	tomat o	22 21	plastic greenh ouse	plastic grenho use	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	G R 1 4				
30000 002 / agricul tural servic e of Trikala	3 0 0	0	2	Min istr y	agric ultura l servi ce of Trikal a	2,5	25	6	230	231	tomat o	22 21	plastic greenh ouse	plastic grenho use	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	G R 1 4				

30000002 / agricultural service of Argolida	300		02	Ministry	agricultural service of Argolida	13	130	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR25
30000002 / agricultural service of Achaia	300		02	Ministry	agricultural service of Achaia	30	300	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR23
30000002 / agricultural service of Arkadia	300		02	Ministry	agricultural service of Arkadia	4	40	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR25
30000002 / agricultural service of Messinia	300		02	Ministry	agricultural service of Messinia	20	200	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR25
30000002 / agricultural service of Trifilia	300		02	Ministry	agricultural service of Trifilia	14	140	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR25
30000002 / agricultural service of Lakonia	300		02	Ministry	agricultural service of Lakonia	25,6	256	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR25
30000002 / agricul	300		02	Ministry	agricultural	81	810	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2000	300	GR2

tural service of Ileia					service of Ileia																								6		3
30000002 / agricultural service of Zakynthos	300	0	2	Ministry	agricultural service of Zakynthos	3,1	31	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR22
30000002 / agricultural service of Samos	300	0	2	Ministry	agricultural service of Samos	1	10	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR41
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	28,5	285	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural service of Herakliο	300	0	2	Ministry	agricultural service of Heraklio	252,5	2525	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural service of Lasithi	300	0	2	Ministry	agricultural service of Lasithi	480	4800	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	267,8	2678	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR43

a																															
30000002 / agricultural service of Rethimno	300		0	2	Ministry	agricultural service of Rethimno	9,1	91	6	230	231	tomato	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural service of Serres	300		0	2	Ministry	agricultural service of Serres	3	30	6	230	232	cucumber	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Imathia	300		0	2	Ministry	agricultural service of Imathia	1	10	6	230	232	cucumber	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Preveza	300		0	2	Ministry	agricultural service of Preveza	0,5	5	6	230	232	cucumber	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of West Attica	300		0	2	Ministry	agricultural service of West Attica	5	50	6	230	232	cucumber	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR30
30000002 / agricultural service of West Heraclio	300		0	2	Ministry	agricultural service of Heraclio	1	10	6	230	232	cucumber	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43

30000002 / agricultural service of Drama	3 0 0	0	2	Ministry	agricultural service of Drama	1,5	15	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Kavala	3 0 0	0	2	Ministry	agricultural service of Kavala	5	50	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Serres	3 0 0	0	2	Ministry	agricultural service of Serres	7,5	75	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Evros	3 0 0	0	2	Ministry	agricultural service of Evros	0,7	7	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Orestiada	3 0 0	0	2	Ministry	agricultural service of Orestiada	1,2	12	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Rodopi	3 0 0	0	2	Ministry	agricultural service of Rodopi	1	10	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural servic	3 0 0	0	2	Ministry	agricultural service of	0,8	8	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11

e of Ksanthi					Ksanthi																										
30000002 / agricultural service of Thessaloniki	300	0	2	Ministry	agricultural service of Thessaloniki	5,5	55	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Imathia	300	0	2	Ministry	agricultural service of Imathia	6	60	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Pella	300	0	2	Ministry	agricultural service of Pella	10	100	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Giannitsa	300	0	2	Ministry	agricultural service of Giannitsa	23	230	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Kilkis	300	0	2	Ministry	agricultural service of Kilkis	0,2	2	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Chalkidiki	300	0	2	Ministry	agricultural service of Chalkidiki	5	50	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12

30000002 / agricultural service of Florina	300	0	2	Ministry	agricultural service of Florina	0,4	4	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR13
30000002 / agricultural service of Kastoria	300	0	2	Ministry	agricultural service of Kastoria	0,1	1	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR13
30000002 / agricultural service of Kozani	300	0	2	Ministry	agricultural service of Kozani	0,4	4	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR13
30000002 / agricultural service of Arta	300	0	2	Ministry	agricultural service of Arta	1,9	19	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21
30000002 / agricultural service of Preveza	300	0	2	Ministry	agricultural service of Preveza	13	130	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21
30000002 / agricultural service of Ioannina	300	0	2	Ministry	agricultural service of Ioannina	2,5	25	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21
30000002 / agricultural	300	0	2	Ministry	agricultural servi	1,2	12	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21

service of Thesprotia					ce of Thesprotia																									
30000002 / agricultural service of Corfu	300	0	2	Ministry	agricultural service of Corfu	1	10	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR22
30000002 / agricultural service of Larisa	300	0	2	Ministry	agricultural service of Larisa	2,5	25	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Magnisia	300	0	2	Ministry	agricultural service of Magnisia	3	30	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Kardits a	300	0	2	Ministry	agricultural service of Karditsa	0,5	5	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Korinthia	300	0	2	Ministry	agricultural service of Korinthia	4	40	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Achaia	300	0	2	Ministry	agricultural service of Achaia	0,3	3	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR23

30000002 / agricultural service of Arkadia	300		02	Ministry	agricultural service of Arkadia	2,5	25	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Messinia	300		02	Ministry	agricultural service of Messinia	8	80	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Trifilia	300		02	Ministry	agricultural service of Trifilia	52	520	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Ileia	300		02	Ministry	agricultural service of Ileia	4	40	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Aitoloakarnania	300		02	Ministry	agricultural service of Aitoloakarnania	10	100	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Zakynthos	300		02	Ministry	agricultural service of Zakynthos	0,4	4	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR22
30000002 /	300		02	Ministr	agricultura	0,1	1	6	230	232	cucumber	2221	plastic greenh	plastic grenho	99	99	9	9	1	9	9	9	. .	9	20	30	GR

agricultural service of Kefallonia	0			y	l service of Kefallonia									ouse	use												0 6	0	2 2
30000002 / agricultural service of West Attica	3 0 0	0	2	Ministry	agricultural service of West Attica	7	70	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	9 9		9		9		1		9	9	9			9	2 0 0 6	3 0 0	G R 3 0
30000002 / agricultural service of East Attica	3 0 0	0	2	Ministry	agricultural service of East Attica	22,6	226	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	9 9		9		9		1		9	9	9			9	2 0 0 6	3 0 0	G R 3 0
30000002 / agricultural service of Piraeus	3 0 0	0	2	Ministry	agricultural service of Piraeus	1	10	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	9 9		9		9		1		9	9	9			9	2 0 0 6	3 0 0	G R 3 0
30000002 / agricultural service of Voiotia	3 0 0	0	2	Ministry	agricultural service of Voiotia	0,5	5	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	9 9		9		9		1		9	9	9			9	2 0 0 6	3 0 0	G R 2 4
30000002 / agricultural service of Eyvoia	3 0 0	0	2	Ministry	agricultural service of Eyvoia	0,6	6	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	9 9		9		9		1		9	9	9			9	2 0 0 6	3 0 0	G R 2 4
30000002 / agricultural servic	3 0 0	0	2	Ministry	agricultural service of	14	140	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	9 9		9		9		1		9	9	9			9	2 0 0 6	3 0 0	G R 4 1

e of Lesvos					Lesvos																									
30000002 / agricultural service of Chios	300	0	2	Ministry	agricultural service of Chios	0,6	6	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR441
30000002 / agricultural service of Samos	300	0	2	Ministry	agricultural service of Samos	2	20	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR441
30000002 / agricultural service of Dodekanisos	300	0	2	Ministry	agricultural service of Dodekanisos	7,3	73	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR442
30000002 / agricultural service of Heraklio	300	0	2	Ministry	agricultural service of Heraklio	31	310	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR443
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	2	20	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR443
30000002 / agricultural service of Rethymno	300	0	2	Ministry	agricultural service of Rethymno	1,5	15	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR443

30000002 / agricultural service of Kavala	300		02	Ministry	agricultural service of Kavala	1,5	15	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR11
30000002 / agricultural service of Serres	300		02	Ministry	agricultural service of Serres	5,5	55	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR12
30000002 / agricultural service of Evros	300		02	Ministry	agricultural service of Evros	0,2	2	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR11
30000002 / agricultural service of Ksanthi	300		02	Ministry	agricultural service of Ksanthi	1,2	12	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR11
30000002 / agricultural service of Thessaloniki	300		02	Ministry	agricultural service of Thessaloniki	46	460	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR12
30000002 / agricultural service of Imathia	300		02	Ministry	agricultural service of Imathia	1	10	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR12
30000002 / agricultural	300		02	Ministry	agricultural servi	10	100	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR12

service of Pella					ce of Pella																										
30000002 / agricultural service of Chalkidiki	300	0	2	Ministry	agricultural service of Chalkidiki	9	90	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12			
30000002 / agricultural service of Kozani	300	0	2	Ministry	agricultural service of Kozani	0,2	2	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR13			
30000002 / agricultural service of Arta	300	0	2	Ministry	agricultural service of Arta	1,7	17	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR21			
30000002 / agricultural service of Preveza	300	0	2	Ministry	agricultural service of Preveza	8	80	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR21			
30000002 / agricultural service of Ioannina	300	0	2	Ministry	agricultural service of Ioannina	1	10	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR21			
30000002 / agricultural service of Corfu	300	0	2	Ministry	agricultural service of Corfu	1	10	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR22			
30000	3	0	2	Min	agric	5,5	55	6	230	232	cucu	22	plastic	plastic	9	9	9	9	0	9	9	9			9	2	3	G			

002 / agricultural service of Larisa	00			istry	ultural service of Larisa						mber	21	greenhouse	grenhouse	9	9							.	.		006	00	R14
30000002 / agricultural service of Magnisia	300	0	2	Ministry	agricultural service of Magnisia	1,5	15	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR14
30000002 / agricultural service of Messinia	300	0	2	Ministry	agricultural service of Messinia	10	100	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Trifilia	300	0	2	Ministry	agricultural service of Trifilia	40	400	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	31	310	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR23
30000002 / agricultural service of Kefalonnia	300	0	2	Ministry	agricultural service of Zakynthos	0,2	2	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR22
30000002 / agricultural servic	300	0	2	Ministry	agricultural service of	10	100	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR42

e of Dodekanisa					Dodekanisa																										
30000002 / agricultural service of Heraklio	300	0	2	Ministry	agricultural service of Heraklio	155	1550	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR43
30000002 / agricultural service of Lasithi	300	0	2	Ministry	agricultural service of Lasithi	320	3200	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR43
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	7,5	75	6	230	232	cucumber	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR43
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	0,8	8	6	230	231	eggplant	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Kefallonia	300	0	2	Ministry	agricultural service of Kefallonia	0,8	8	6	230	231	eggplant	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR22
30000002 / agricultural service of East	300	0	2	Ministry	agricultural service of East Attika	0,8	8	6	230	231	eggplant	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR30

Attika																															
30000002 / agricultural service of Drama	300	0	2	Ministry	agricultural service of Drama	1	10	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Kavala	300	0	2	Ministry	agricultural service of Kavala	1	10,00	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Evros	300	0	2	Ministry	agricultural service of Evros	0,3	3	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Thessaloniki	300	0	2	Ministry	agricultural service of Thessaloniki	1,5	15	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Imathia	300	0	2	Ministry	agricultural service of Imathia	6	60	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Giannitsa	300	0	2	Ministry	agricultural service of Giannitsa	3,5	35	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricul	300	0	2	Ministry	agricultural	0,1	1	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2000	300	GR1

tural service of Kilkis					service of Kilkis																							6		2
30000002 / agricultural service of Thesprotia	300	0	2	Ministry	agricultural service of Thesprotia	0,6	6	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR211
30000002 / agricultural service of Korinthia	300	0	2	Ministry	agricultural service of Korinthia	0,3	3	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR255
30000002 / agricultural service of Arkadia	300	0	2	Ministry	agricultural service of Arkadia	0,7	7	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR255
30000002 / agricultural service of Messinia	300	0	2	Ministry	agricultural service of Messinia	2	20	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR255
30000002 / agricultural service of Trifilia	300	0	2	Ministry	agricultural service of Trifilia	4	40	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR255
30000002 / agricultural service of	300	0	2	Ministry	agricultural service of Lako	3,5	35	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR255

Lakonia					nia																									
30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	1	10	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR23
30000002 / agricultural service of Kefallonia	300	0	2	Ministry	agricultural service of Kefallonia	4,4	44	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR22
30000002 / agricultural service of East Attica	300	0	2	Ministry	agricultural service of East Attica	4,4	44	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR30
30000002 / agricultural service of Lesvos	300	0	2	Ministry	agricultural service of Lesvos	1,1	11	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR41
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	1,3	13	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural service of Rethimno	300	0	2	Ministry	agricultural service of Rethimno	0,1	1	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43

30000002 / agricultural service of Kavala	300		02	Ministry	agricultural service of Kavala	0,8	8	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR11
30000002 / agricultural service of Serres	300		02	Ministry	agricultural service of Serres	1,5	15	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Thessaloniki	300		02	Ministry	agricultural service of Thessaloniki	2	20	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Imathia	300		02	Ministry	agricultural service of Imathia	12	120	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Kozani	300		02	Ministry	agricultural service of Kozani	0,3	3	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR13
30000002 / agricultural service of Arta	300		02	Ministry	agricultural service of Arta	0,6	6	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR21
30000002 / agricultural servic	300		02	Ministry	agricultural service of	0,1	1	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR22

e of Corfu					Corfu																										
30000002 / agricultural service of Larisa	300	0	2	Ministry	agricultural service of Larisa	2,5	25	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR14
30000002 / agricultural service of Argolida	300	0	2	Ministry	agricultural service of Argolida	2	20	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Arkadia	300	0	2	Ministry	agricultural service of Arkadia	1	10	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Trifilia	300	0	2	Ministry	agricultural service of Trifilia	2	20	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	34	340	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	3	30	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR23
30000002 /	30	0	2	Mistr	agricultura	0,3	3	6	230	231	eggplant	2221	plastic greenh	grenho	99	99	9	9	0	9	9	9	.	.	9	20	30	GR

agricultural service of Zakynthos	0			y	l service of Zakynthos								ouse	use													06	0	22
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	3	30	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	200606	300	GR42
30000002 / agricultural service of Heraklio	300	0	2	Ministry	agricultural service of Heraklio	20,5	205	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	200606	300	GR43
30000002 / agricultural service of Lasithi	300	0	2	Ministry	agricultural service of Lasithi	60	600	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	200606	300	GR43
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	0,6	6	6	230	231	eggplant	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	200606	300	GR43
30000002 / agricultural service of Drama	300	0	2	Ministry	agricultural service of Drama	10	100	6	230	231	pepper	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	200606	300	GR11
30000002 / agricultural servic	300	0	2	Ministry	agricultural service of	0,1	1	6	230	231	pepper	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	200606	300	GR42

e of Dodekanisa					Dodekanisa																										
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	1	10	6	230	231	pepper	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural service of Drama	300	0	2	Ministry	agricultural service of Drama	1,5	15	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR11
30000002 / agricultural service of Kavala	300	0	2	Ministry	agricultural service of Kavala	0,6	6	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR11
30000002 / agricultural service of Evros	300	0	2	Ministry	agricultural service of Evros	0,4	4	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR11
30000002 / agricultural service of Orestiada	300	0	2	Ministry	agricultural service of Orestiada	1,1	11	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR11
30000002 / agricultural service of Thessaloniki	300	0	2	Ministry	agricultural service of Thessaloniki	4	40	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000	3	0	2	Min	agric	4,8	48	6	230	231	pepp	22	plastic	plastic	9	9	9	9	1	9	9	9			9	2	3	G

002 / agricultural service of Pieria	00			istry	ultural service of Pieria						er	21	greenhouse	grenhouse	9	9							.	.		006	00	R12
30000002 / agricultural service of Imathia	300	0	2	Ministry	agricultural service of Imathia	32	320	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Pella	300	0	2	Ministry	agricultural service of Pella	2	20	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Giannitsa	300	0	2	Ministry	agricultural service of Giannitsa	15	150	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Chalkidiki	300	0	2	Ministry	agricultural service of Chalkidiki	4	40	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Florina	300	0	2	Ministry	agricultural service of Florina	0,8	8	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR13
30000002 / agricultural servic	300	0	2	Ministry	agricultural service of	0,1	1	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR13

e of Kastoria					Kastoria																										
30000002 / agricultural service of Kozani	300	0	2	Ministry	agricultural service of Kozani	0,3	3	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR13
30000002 / agricultural service of Preveza	300	0	2	Ministry	agricultural service of Preveza	1,5	15	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR21
30000002 / agricultural service of Trifylia	300	0	2	Ministry	agricultural service of Trifylia	30	300	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	4,8	48	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	1,2	12	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Zakynthos	300	0	2	Ministry	agricultural service of Zakynthos	0,2	2	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR22
30000	3	0	2	Min	agric	1	10	6	230	231	pepp	22	plastic	plastic	9	9	9	9	1	9	9	9		9	2	3	G

002 / agricultural service of Lesvos	00			istry	ultural service of Lesvos						er	21	greenhouse	grenhouse	9	9							.	.		006	00	R41
30000002 / agricultural service of Samos	300	0	2	Ministry	agricultural service of Samos	0,3	3	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR41
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	2,3	23	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural service of Lasithi	300	0	2	Ministry	agricultural service of Lasithi	20	200	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	1,5	15	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural service of Rethymno	300	0	2	Ministry	agricultural service of Rethymno	2,5	25	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural	300	0	2	Ministry	agricultural servi	1,1	11,00	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR11

service of Kavala					ce of Kavala																										
30000002 / agricultural service of Serres	300	0	2	Ministry	agricultural service of Serres	3,5	35	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Evros	300	0	2	Ministry	agricultural service of Evros	0,3	3	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR11
30000002 / agricultural service of Thessaloniki	300	0	2	Ministry	agricultural service of Thessaloniki	10	100	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Pieria	300	0	2	Ministry	agricultural service of Pieria	10	100	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Imathia	300	0	2	Ministry	agricultural service of Imathia	88	880	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Pella	300	0	2	Ministry	agricultural service of Pella	6	60	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR12
30000002 /	30	0	2	Ministr	agricultura	0,2	2	6	230	231	pepper	2221	plastic greenh	plastic grenho	99	99	9	9	0	9	9	9	.	.	9	20	30	GR

agricultural service of Kozani	0			y	l service of Kozani								ouse	use													0 6	0	1 3
30000002 / agricultural service of Arta	3 0 0	0	2	Ministry	agricultural service of Arta	0,4	4	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	GR21
30000002 / agricultural service of Corfu	3 0 0	0	2	Ministry	agricultural service of Corfu	0,1	1	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	GR22
30000002 / agricultural service of Larisa	3 0 0	0	2	Ministry	agricultural service of Larisa	4	40	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	GR14
30000002 / agricultural service of Argolida	3 0 0	0	2	Ministry	agricultural service of Argolida	3	30	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	GR25
30000002 / agricultural service of Messinia	3 0 0	0	2	Ministry	agricultural service of Messinia	1	10	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	GR25
30000002 / agricultural service of Trifylia	3 0 0	0	2	Ministry	agricultural service of Trifylia	8	80	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9	. .	9	2 0 0 6	3 0 0	GR25

30000002 / agricultural service of Lakonia	300		2	Ministry	agricultural service of Lakonia	21,2	212	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Ileia	300		2	Ministry	agricultural service of Ileia	1	10	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Samos	300		2	Ministry	agricultural service of Chios	0,1	1	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR41
30000002 / agricultural service of Dodekanisa	300		2	Ministry	agricultural service of Dodekanisa	3,5	35	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR42
30000002 / agricultural service of Herakli o	300		2	Ministry	agricultural service of Heraklio	71,5	715	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR43
30000002 / agricultural service of Lasithi	300		2	Ministry	agricultural service of Lasithi	300	3000	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR43
30000002 / agricultural	300		2	Ministry	agricultural servi	25,5	255	6	230	231	pepper	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR43

service of Chania					ce of Chania																								
30000002 / agricultural service of Tryfilia	300	0	2	Ministry	agricultural service of Tryfilia	0,6	6	6	299	260	french bean	2222	glassy greenhouse	glassy greenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Drama	300	0	2	Ministry	agricultural service of Drama	1,5	15	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Serres	300	0	2	Ministry	agricultural service of Serres	0,7	7	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Evros	300	0	2	Ministry	agricultural service of Evros	0,3	3	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR11
30000002 / agricultural service of Orestiada	300	0	2	Ministry	agricultural service of Orestiada	0,3	3	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Thessaloniki	300	0	2	Ministry	agricultural service of Thessaloniki	1,5	15	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000	3	0	2	Min	agric	15	15	6	299	260	frenc	22	plastic	plastic	9	9	9	9	1	9	9	9		9	2	3	G

002 / agricultural service of Imathia	00			istry	ultural service of Imathia		0				h bean	21	greenhouse	grenhouse	9	9							.	.		006	00	R12
30000002 / agricultural service of Giannitsa	300	0	2	Ministry	agricultural service of Giannitsa	13	130	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Kilkis	300	0	2	Ministry	agricultural service of Kilkis	0,2	2	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR12
30000002 / agricultural service of Kastoria	300	0	2	Ministry	agricultural service of Kastoria	0,2	2	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR13
30000002 / agricultural service of Arta	300	0	2	Ministry	agricultural service of Arta	0,6	6	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21
30000002 / agricultural service of Preveza	300	0	2	Ministry	agricultural service of Preveza	6,2	62	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21
30000002 / agricultural	300	0	2	Ministry	agricultural servi	0,8	8	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21

service of Ioannina					ce of Ioannina																										
30000002 / agricultural service of Lefkada	300	0	2	Ministry	agricultural service of Thesprotia	0,1	1	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR21
30000002 / agricultural service of Korinthia	300	0	2	Ministry	agricultural service of Korinthia	0,3	3	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Arkadia	300	0	2	Ministry	agricultural service of Arkadia	1	10	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Messinia	300	0	2	Ministry	agricultural service of Messinia	3	30	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Tryfilia	300	0	2	Ministry	agricultural service of Tryfilia	30	300	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of	300	0	2	Ministry	agricultural service of Ileia	4	40	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR23

Ileia																															
30000002 / agricultural service of Aitoloakarnania	300		2	Ministry	agricultural service of Aitoloakarnania	1	10	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR23
30000002 / agricultural service of Zakynthos	300		2	Ministry	agricultural service of Zakynthos	0,2	2	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR22
30000002 / agricultural service of Lesvos	300		2	Ministry	agricultural service of Lesvos	0,3	3	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR41
30000002 / agricultural service of Chios	300		2	Ministry	agricultural service of Chios	0,1	1	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR41
30000002 / agricultural service of Samos	300		2	Ministry	agricultural service of Samos	0,3	3	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR41
30000002 / agricultural service of Rethymno	300		2	Ministry	agricultural service of Rethymno	0,6	6	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	.	.	9	2006	300	GR43
30000	3	0	2	Min	agric	0,5	5	6	299	260	frenc	22	plastic	plastic	9	9	9	9	0	9	9	9			9	2	3	G

002 / agricultural service of Kavala	0 0			istry	ultural service of Kavala						h bean	21	greenhouse	grenhouse	9	9										.	.		0 0 6	0	0	R 1 1
30000 002 / agricultural service of Serres	3 0 0	0	2	Ministry	agricultural service of Serres	2,1	21	6	299	260	french bean	22 21	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9			9	.	.		2 0 0 6	3 0 0	G R 1 2
30000 002 / agricultural service of Evros	3 0 0	0	2	Ministry	agricultural service of Evros	0,1	1	6	299	260	french bean	22 21	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9			9	.	.		2 0 0 6	3 0 0	G R 1 1
30000 002 / agricultural service of Thessaloniki	3 0 0	0	2	Ministry	agricultural service of Thessaloniki	9,5	95	6	299	260	french bean	22 21	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9			9	.	.		2 0 0 6	3 0 0	G R 1 2
30000 002 / agricultural service of Imathia	3 0 0	0	2	Ministry	agricultural service of Imathia	44	44 0	6	299	260	french bean	22 21	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9			9	.	.		2 0 0 6	3 0 0	G R 1 2
30000 002 / agricultural service of Pella	3 0 0	0	2	Ministry	agricultural service of Pella	1	10	6	299	260	french bean	22 21	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9			9	.	.		2 0 0 6	3 0 0	G R 1 2
30000 002 / agricultural service of	3 0 0	0	2	Ministry	agricultural service of Koza	0,4	4	6	299	260	french bean	22 21	plastic greenhouse	plastic grenhouse	9 9	9 9	9	9	0	9	9	9			9	.	.		2 0 0 6	3 0 0	G R 1 3

Kozani					ni																										
30000002 / agricultural service of Arta	300		2	Ministry	agricultural service of Arta	1,2	12	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR21
30000002 / agricultural service of Preveza	300		2	Ministry	agricultural service of Preveza	6	60	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR21
30000002 / agricultural service of Larisa	300		2	Ministry	agricultural service of Larisa	10,5	105	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Magnisia	300		2	Ministry	agricultural service of Magnisia	0,5	5	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Trikala	300		2	Ministry	agricultural service of Trikala	0,6	6	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Achaia	300		2	Ministry	agricultural service of Achaia	7	70	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural	300		2	Ministry	agricultural servi	0,5	5	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR25

service of Arkadia					ce of Arkadia																								
30000002 / agricultural service of Tryfilia	300	0	2	Ministry	agricultural service of Tryfilia	6	60	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	2	20	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	9	90	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	1,7	17	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR42
30000002 / agricultural service of Heraklio	300	0	2	Ministry	agricultural service of Heraklio	11,5	115	6	299	260	french bean	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR43
30000002 / agricultural service of Tryfilia	300	0	2	Ministry	agricultural service of Tryfilia	1	10	6	230	233	melon	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25

30000002 / agricultural service of Imathia	300		2	Ministry	agricultural service of Imathia	0,5		5	6	230	233	melon	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9	9		.	.		9	2006	300	GR12
30000002 / agricultural service of Achaia	300		2	Ministry	agricultural service of Achaia	2		20	6	230	233	melon	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9	9		.	.		9	2006	300	GR23
30000002 / agricultural service of Tryfilia	300		2	Ministry	agricultural service of Tryfilia	2		20	6	230	233	melon	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9	9		.	.		9	2006	300	GR25
30000002 / agricultural service of Ileia	300		2	Ministry	agricultural service of Ileia	2		20	6	230	233	melon	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9	9		.	.		9	2006	300	GR23
30000002 / agricultural service of Dodekanisa	300		2	Ministry	agricultural service of Dodekanisa	1,7		17	6	230	233	melon	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		0		9		9	9		.	.		9	2006	300	GR42
30000002 / agricultural service of Evros	300		2	Ministry	agricultural service of Evros	0,5		5	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		1		9		9	9		.	.		9	2006	300	GR11
30000002 / agricultural servic	300		2	Ministry	agricultural service of	0,4		4	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99		99		9		9		1		9		9	9		.	.		9	2006	300	GR12

e of Orestiada					Orestiada																								
30000002 / agricultural service of Imathia	300	0	2	Ministry	agricultural service of Imathia	1	10	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Giannitsa	300	0	2	Ministry	agricultural service of Giannitsa	5	50	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Kastoria	300	0	2	Ministry	agricultural service of Kastoria	0,1	1	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR13
30000002 / agricultural service of Thesprotia	300	0	2	Ministry	agricultural service of Thesprotia	0,5	5	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR21
30000002 / agricultural service of Achaia	300	0	2	Ministry	agricultural service of Achaia	0,6	6	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	0,2	2	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	. .	9	2006	300	GR25

a																															
30000002 / agricultural service of West Attica	300		02	Ministry	agricultural service of West Attica	1	10	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	..	9	2006	300	GR30
30000002 / agricultural service of Lesvos	300		02	Ministry	agricultural service of Lesvos	1,2	12	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	..	9	2006	300	GR41
30000002 / agricultural service of Chios	300		02	Ministry	agricultural service of Chios	0,5	5	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	1	9	9	9	..	9	2006	300	GR41
30000002 / agricultural service of Evros	300		02	Ministry	agricultural service of Evros	0,3	3	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR11
30000002 / agricultural service of Imathia	300		02	Ministry	agricultural service of Imathia	12	120	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR12
30000002 / agricultural service of Grevena	300		02	Ministry	agricultural service of Grevena	0,2	2	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	..	9	2006	300	GR13
30000002 /	300		02	Ministr	agricultura	0,6	6	6	250	251	lettuce	2221	plastic greenh	grenho	99	99	9	9	0	9	9	9	..	9	20	30	GR

agricultural service of Arta	0			y	l service of Arta								ouse	use												0 6	0	2 1
30000002 / agricultural service of Achaia	3 0 0	0	2	Ministry	agricultural service of Achaia	14,4	144	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Tryfilia	3 0 0	0	2	Ministry	agricultural service of Tryfilia	3	30	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Lakonia	3 0 0	0	2	Ministry	agricultural service of Lakonia	2	20	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Ileia	3 0 0	0	2	Ministry	agricultural service of Ileia	11	110	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR23
30000002 / agricultural service of Zakynthos	3 0 0	0	2	Ministry	agricultural service of Zakynthos	0,2	2	6	250	251	lettuce	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR22
30000002 / agricultural service of Tryfilia	3 0 0	0	2	Ministry	agricultural service of Tryfilia	12	120	6	230	233	watermelon	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	. .	9	2006	300	GR25

30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	12	120	6	230	233	watermelon	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR23
30000002 / agricultural service of Achaia	300	0	2	Ministry	agricultural service of Achaia	70	700	6	100	152	strawberry	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR23
30000002 / agricultural service of Tryfilia	300	0	2	Ministry	agricultural service of Tryfilia	0,2	2	6	100	152	strawberry	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	36	360	6	100	152	strawberry	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	400	4000	6	100	152	strawberry	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR23
30000002 / agricultural service of Zakynthos	300	0	2	Ministry	agricultural service of Zakynthos	50	500	6	100	152	strawberry	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR22
30000002 / agricultural servic	300	0	2	Ministry	agricultural service of	5	50	6	100	152	strawberry	2221	plastic greenhouse	plastic grenhouse	99	99	9	9	0	9	9	9	.	.	9	2006	300	GR24

e of Fokida					Fokida																										
30000002 / agricultural service of Fthiotida	300	0	2	Ministry	agricultural service of Fthiotida	67	670	6	230	231	tomato	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR24
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	4	40	6	230	231	tomato	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR25
30000002 / agricultural service of Evoia	300	0	2	Ministry	agricultural service of Evoia	90	900	6	230	231	tomato	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR24
30000002 / agricultural service of Chios	300	0	2	Ministry	agricultural service of Chios	5	50	6	230	231	tomato	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR41
30000002 / agricultural service of Samos	300	0	2	Ministry	agricultural service of Samos	2	20	6	230	231	tomato	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR41
30000002 / agricultural service of Fthiotida	300	0	2	Ministry	agricultural service of Fthiotida	4,3	43	6	230	232	cucumber	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR24
30000002 /	30	0	2	Ministr	agricultura	2	20	6	230	232	cucumber	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	20	30	GR

agricultural service of Lakonia	0			y	l service of Lakonia																							06	0	25
30000002 / agricultural service of Serres	300	0	2	Ministry	agricultural service of Serres	2	20	6	230	232	cucumber	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR12
30000002 / agricultural service of Fthiotida	300	0	2	Ministry	agricultural service of Fthiotida	0,5	5	6	230	232	cucumber	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR24
30000002 / agricultural service of Arkadia	300	0	2	Ministry	agricultural service of Arkadia	3	30	6	230	232	cucumber	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR25
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	11	110	6	230	232	cucumber	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR25
30000002 / agricultural service of Messinia	300	0	2	Ministry	agricultural service of Messinia	2	20	6	230	231	pepper	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR25
30000002 / agricultural	300	0	2	Ministry	agricultural servi	5	50	6	230	231	pepper	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR25

service of Lakonia					ce of Lakonia																										
30000002 / agricultural service of Fthiotida	300	0	2	Ministry	agricultural service of Fthiotida	5	50	6	230	231	pepper	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR24
30000002 / agricultural service of Messinia	300	0	2	Ministry	agricultural service of Messinia	2	20	6	230	231	pepper	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR25
30000002 / agricultural service of Thessaloniki	300	0	2	Ministry	agricultural service of Thessaloniki	18	180	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR12
30000002 / agricultural service of Chalkidiki	300	0	2	Ministry	agricultural service of Chalkidiki	30	300	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR12
30000002 / agricultural service of Larisa	300	0	2	Ministry	agricultural service of Larisa	15	150	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR14
30000002 / agricultural service of	300	0	2	Ministry	agricultural service of Magn	10	100	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR13

Magnisia					isia																										
30000002 / agricultural service of Trikala	300	0	2	Ministry	agricultural service of Trikala	450	4500	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR13
30000002 / agricultural service of Karditsa	300	0	2	Ministry	agricultural service of Karditsa	360	3600	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR13
30000002 / agricultural service of Fthiotida	300	0	2	Ministry	agricultural service of Fthiotida	5	50	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR24
30000002 / agricultural service of Lakonia	300	0	2	Ministry	agricultural service of Lakonia	2	20	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR25
30000002 / agricultural service of Ileia	300	0	2	Ministry	agricultural service of Ileia	380	3800	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR23
30000002 / agricultural service of Aitoloakarnania	300	0	2	Ministry	agricultural service of Aitoloakarnania	4,5	45	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR23

30000002 / agricultural service of Zakynthos	300	0	2	Ministry	agricultural service of Zakynthos	2	20	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR22
30000002 / agricultural service of Voiotia	300	0	2	Ministry	agricultural service of Voiotia	18	180	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR24
30000002 / agricultural service of Chios	300	0	2	Ministry	agricultural service of Chios	13	130	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR41
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	13	130	6	230	233	melon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR42
30000002 / agricultural service of Fthiotida	300	0	2	Ministry	agricultural service of Fthiotida	1	10	6	250	251	lettuce	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR24
30000002 / agricultural service of Kavala	300	0	2	Ministry	agricultural service of Kavala	120	1200	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR11
30000002 / agricultural	300	0	2	Ministry	agricultural servi	120	1200	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		. .	9	2006	300	GR12

service of Thessaloniki					ce of Thessaloniki																										
30000002 / agricultural service of Pieria	300	0	2	Ministry	agricultural service of Pieria	20	200	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Chalkidiki	300	0	2	Ministry	agricultural service of Chalkidiki	14	140	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR12
30000002 / agricultural service of Larisa	300	0	2	Ministry	agricultural service of Larisa	200	2000	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Magnisia	300	0	2	Ministry	agricultural service of Magnisia	7	70	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Trikala	300	0	2	Ministry	agricultural service of Trikala	250	2500	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR14
30000002 / agricultural service of Karditsa	300	0	2	Ministry	agricultural service of Karditsa	60	600	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	. .	9	2006	300	GR14

30000002 / agricultural service of Fthiotida	300		02	Ministry	agricultural service of Fthiotida	58	580	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR24
30000002 / agricultural service of Achaia	300		02	Ministry	agricultural service of Achaia	500	5000	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR23
30000002 / agricultural service of Tryfilia	300		02	Ministry	agricultural service of Tryfilia	1000	10000	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR25
30000002 / agricultural service of Lakonia	300		02	Ministry	agricultural service of Lakonia	3	30	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR25
30000002 / agricultural service of Ileia	300		02	Ministry	agricultural service of Ileia	3300	33000	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR23
30000002 / agricultural service of Aitoloakarnania	300		02	Ministry	agricultural service of Aitoloakarnania	52	520	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2006	300	GR23
30000002 / agricul	300		02	Ministry	agricul	15	150	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9		..	9	2000	300	GR2

tural service of Zakynthos					service of Zakynthos																								6		2
30000002 / agricultural service of Chios	300	0	2	Ministry	agricultural service of Chios	17	170	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	.	.	9	200006	300	GR41
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	21	210	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	.	.	9	200006	300	GR42
30000002 / agricultural service of Heraklio	300	0	2	Ministry	agricultural service of Heraklio	145	1450	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	.	.	9	200006	300	GR43
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	5	50	6	230	233	watermelon	1222	low cover	low cover	99	99	9	9	9	9	9	9	.	.	9	200006	300	GR43
30000002 / agricultural service of Pieria	300	0	2	Ministry	agricultural service of Pieria	97	970	6	100	152	strawberry	1222	low cover	low cover	99	99	9	9	9	9	9	9	.	.	9	200006	300	GR12
30000002 / agricultural service of	300	0	2	Ministry	agricultural service of Laris	15	150	6	100	152	strawberry	1222	low cover	low cover	99	99	9	9	9	9	9	9	.	.	9	200006	300	GR14

Larisa					a																								
30000002 / agricultural service of Magnisia	300	0	2	Ministry	agricultural service of Magnisia	3	30	6	100	152	strawberry	1222	low cover	low cover	99	99	9	9		9	9	9	9	.	.	9	2006	300	GR14
30000002 / agricultural service of Messinia	300	0	2	Ministry	agricultural service of Messinia	40	400	6	100	152	strawberry	1222	low cover	low cover	99	99	9	9		9	9	9	9	.	.	9	2006	300	GR25
30000002 / agricultural service of Dodekanisa	300	0	2	Ministry	agricultural service of Dodekanisa	3,5	35	6	100	152	strawberry	1222	low cover	low cover	99	99	9	9		9	9	9	9	.	.	9	2006	300	GR42
30000002 / agricultural service of Heraklio	300	0	2	Ministry	agricultural service of Heraklio	22	220	6	100	152	strawberry	1222	low cover	low cover	99	99	9	9		9	9	9	9	.	.	9	2006	300	GR43
30000002 / agricultural service of Chania	300	0	2	Ministry	agricultural service of Chania	0,5	5	6	100	152	strawberry	1222	low cover	low cover	99	99	9	9		9	9	9	9	.	.	9	2006	300	GR43
72401003 / Research Institute of Cajam	724	1	3	Research Institute of	Almeria	26774	26774	2	9900	9900		2221	Greenhouse	Greenhouse	99	99	9	2	screened	9	9	9	9	.	.	9	2006	724	ES61

ar				Cajamar																																
72401003 / Research Institute of Cajamar	724	1	3	Research Institute of Cajamar	Almeria	16 1,6	16 1,6	2	9900	9900	2221	Greenhouse	Greenhouse	99	99	9	2	insect-proof screen on ventilators	9	9	9	9	.	.	9	2006	724	ES611
																		unscreened insect-proof screen on v																

																			entilators										
62001004 / Research Institute of Cajamar	620	1	4	University of Evora & University of Lisbon	Research Institute of Cajamar	1162	1162	2	200	200	vegetables	2221	Greenhouse	Greenhouse	99	99	9	9		9	9	9	9	.	.	9	2000	620	PT17
62001004 / Research Institute of Cajamar	620	1	4	University of Evora & University of Lisbon	Research Institute of Cajamar	405	405	2	9900	9900	floriculture	2221	Greenhouse	Greenhouse	99	99	9	9		9	9	9	9	.	.	9	2000	620	PT17
38002005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo (Mercato dei fiori di Sa	Flower market of Sanremo	7,7	7,7	2	9100	9100	Cut foliage	2210	walk-in tunnel	walk-in tunnel	99	99	9	9		9	9	9	9	.	.	9	2005	380	ITC3

				nremo)/Liguria																										
38002005 / Flowermarket of Sanremo	380	2	5	Flowermarket of Sanremo (Mercato dei fiori di Sanremo)/Liguria	Flower market of Sanremo	0,5	0,5	2	9200	9200	pot plants	2210	walk-in tunnel	walk-in tunnel	99	99	9	9	9	9	9	9	. .	9	2005	380	ITC3
38002005 / Flowermarket of Sanremo	380	2	5	Flowermarket of Sanremo (Mercato dei fiori di Sanremo)/Liguria	Flower market of Sanremo	56,9	56,9	2	9100	9100	cut flowers	2210	walk-in tunnel	walk-in tunnel	99	99	9	9	9	9	9	9	. .	9	2005	380	ITC3
38002	3	2	5	Flo	Flow	22	22	2	9100	9100	cut	22	walk-in	walk-in	9	9	9	9	9	9	9	9		9	2	3	I

005 / Flower market of Sanremo	80			wer market of Sanremo (Mercato dei fiori di Sanremo)/ Liguria	er market of Sanremo	2,7	2,7				foliage	10	tunnel	tunnel	9	9							.	.		005	80	TC3
38002005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo (Mercato dei fiori di Sanremo)/ Liguria	Flower market of Sanremo	17,5	17,5	2	9200	9200	pot plants	2210	walk-in tunnel	walk-in tunnel	99	99	9	9	9	9	9	9	.	.	9	2005	380	ITC3
38002005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo	Flower market of Sanremo	623,1	623,1	2	9100	9100	cut flowers	2221	Greenhouse	Greenhouse	99	99	9	9	1	9	9	9	.	.	9	2005	380	ITC3

				(Mercato dei fiori di Sanremo)/ Liguria																																
38002005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo (Mercato dei fiori di Sanremo)/ Liguria	Flower market of Sanremo	187,8	187,8	2	9100	9100	cut flowers	2221	Greenhouse	Greenhouse	99			99		9		9		0		9		9	9				9	2005	380	ITC3
38002005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo (Mercato dei fiori di Sa	Flower market of Sanremo	45,5	45,5	2	9100	9100	cut flowers	2221	Greenhouse	Greenhouse	10	soil less	soil less	99		9		9		9		9		9	9				9	2005	380	ITC3

				nremo)/Liguria																														
38002005 / Flowermarket of Sanremo	380	2	5	Flowermarket of Sanremo (Mercato dei fiori di Sanremo)/Liguria	Flower market of Sanremo	66,8	66,8	2	9100	9100	cut foliage	2221	Greenhouse	Greenhouse	99		99		9		9		1		9		9		9			. .		9	2005	380	ITC3
38002005 / Flowermarket of Sanremo	380	2	5	Flowermarket of Sanremo (Mercato dei fiori di Sanremo)/Liguria	Flower market of Sanremo	79,1	79,1	2	9100	9100	cut foliage	2221	Greenhouse	Greenhouse	99		99		9		9		0		9		9		9			. .		9	2005	380	ITC3
38002	3	2	5	Flo	Flow	5,2	5,2	2	9100	9100	cut	22	Greenh	Green	1	s	s	9		9		9		9		9		9					9	2	3	I

005 / Flower market of Sanremo	80			wer market of Sanremo (Mercato dei fiori di Sanremo)/ Liguria	er market of Sanremo						foliage	21	ouse	house	0	oilless	oilless	9							.	.		005	80	TC3
38002005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo (Mercato dei fiori di Sanremo)/ Liguria	Flower market of Sanremo	123,6	123,6	2	9200	9200	pot plants	2221	Greenhouse	Greenhouse	99			99	9	9	1	9	9	9	.	.	9	2005	380	ITC3
38002005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo	Flower market of Sanremo	35,6	35,6	2	9200	9200	pot plants	2221	Greenhouse	Greenhouse	99			99	9	9	0	9	9	9	.	.	9	2005	380	ITC3

				(Mercato dei fiori di Sanremo)/ Liguria																										
38002 005 / Flower market of Sanremo	380	2	5	Flower market of Sanremo (Mercato dei fiori di Sanremo)/ Liguria	Flower market of Sanremo	8,3	8,3	2	9200	9200	pot plants	2221	Greenhouse	Green house	10	soilless	soilless	99	9	9	9	9	9	9	.	.	9	2005	380	ITC3
38002 006 / Apofruit	380	2	6	Apofruit	Apofruit	12	12	2	100	152	Strawberries	2221	Plastic Greenhouse	Plastic grenhouse	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38002 006 / Apofruit	380	2	6	Apofruit	Apofruit	68	68	2	100	233	melon	1220	Low tunnel	Low tunnel	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38002 006 / Apofruit	380	2	6	Apofruit	Apofruit	28	28	2	230	233	water melon	2221	plastic greenhouse	plastic greenhouse	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38002 006 / Apofru	380	2	6	Apofruit	Apofruit	41	41	2	230	231	tomato	2221	plastic greenhouse	plastic greenhouse	0	soi	soi	99	9	9	9	9	9	9	.	.	9	200	380	IT0

it																l	l											8		0
38002006 / Apofruit	380	2	6	Apofruit	Apofruit	68	68	2	100	231	tomato	1220	Low tunnel	Low tunnel	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38002006 / Apofruit	380	2	6	Apofruit	Apofruit	9	9	2	230	231	pepper	2221	plastic greenhouse	plastic greenhouse	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38002006 / Apofruit	380	2	6	Apofruit	Apofruit	1	1	2	250	251	lettuce	2221	plastic greenhouse	plastic greenhouse	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38002006 / Apofruit	380	2	6	Apofruit	Apofruit	1	1	2	230	231	eggplant	2221	plastic greenhouse	plastic greenhouse	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38002006 / Apofruit	380	2	6	Apofruit	Apofruit	3	3	2	230	232	cucumber	2221	plastic greenhouse	plastic greenhouse	0	soil	soil	99	9	9	9	9	9	9	.	.	9	2008	380	IT00
38001007 / Pacini, 2004	380	1	7	Pacini, 2004	Pacini, 2004	24300	24300	2	9900	9900		2221	plastic greenhouses and big tunnels (>3,5 m3/m2)	plastic greenhouses and big tunnels (>3,5 m3/m2)	99			99	9	9	9	9	9	9	.	.	9	2004	380	IT00
38001007 / Pacini, 2004	380	1	7	Pacini, 2004	Pacini, 2004	1000	1000	2	9900	9900		2221	low technology greenhouse	low technology greenhouse	99			99	9	9	9	9	9	9	.	.	9	2004	380	IT00
38001007 / Pacini, 2004	380	1	7	Pacini, 2004	Pacini, 2004	3000	3000	2	9900	9900		2221	high technology greenhouse	high technology greenhouse	99			99	9	9	9	9	9	9	.	.	9	2004	380	IT00
38001007 / Pacini, 2004	380	1	7	Pacini, 2004	Pacini, 2004	24500	24500	2	9900	9900		1220	Low tunnel (<0,9 m3/m2)	Low tunnel (<0,9 m3/m2)	99			99	9	9	9	9	9	9	.	.	9	2004	380	IT00
38001007 / Pacini, 2004	380	1	7	Pacini, 20	Pacini, 2004	500	500	2	9900	9900		2210	medium tunnel (PVC)	medium tunnel (PVC)	99			99	9	9	9	9	9	9	.	.	9	2004	380	IT00

				04																										
62001009 / Ministry	620	1	9	Ministry	Ministry	1162	1162	2	9900	9900	horticulture	2221	Greenhouse	Greenhouse	99			99	9	9	9	9	9	9	.	.	9	2007	620	PT17
62001009 / Ministry	620	1	9	Ministry	Ministry	405	405	2	9900	9900	floriculture	2221	Greenhouse	Greenhouse	99			99	9	9	9	9	9	9	.	.	9	2007	620	PT17
38001010 / Ministry	380	1	10	Ministry	Ministry	30117	30117	2	9900	9900	horticulture	0	Crop protection	Crop protection	99			99	9	9	9	9	9	9	.	.	9	2008	380	PT17
38001010 / Ministry	380	1	10	Ministry	Ministry	5164	5164	2	9900	9900	floriculture	0	Crop protection	Crop protection	99			99	9	9	9	9	9	9	.	.	9	2005	380	PT17
25002011 / Boulard T.	250	2	11	Boulard T.	Boulard T.	2200	2200	2	9900	9900	floriculture	2222	Glasshouse	Glasshouse	99			99	9	9	9	9	9	9	.	.	9	2005	250	FR00
25002012 / Boulard T.	250	2	12	Boulard T.	Boulard T.	919	919	2	9900	9900	floriculture	0	covered area	covered area	10	Soilless	Soilless	99	9	9	1	9	9	9	.	.	9	2000	250	FR00
25002012 / Boulard T.	250	2	12	Boulard T.	Boulard T.	927	927	2	9900	9900	floriculture	0	covered area	covered area	0	soil	soil	99	9	9	1	9	9	9	.	.	9	2000	250	FR00
25002012 / Boulard T.	250	2	12	Boulard T.	Boulard T.	7365	7365	2	9900	9900	floriculture	0	covered area	covered area	0	soil	soil	99	9	9	0	9	9	9	.	.	9	2000	250	FR00
72401008 / Spanish Ministry of Rural and	724	1	8	Spanish Ministry of Rural	Province of Calicia	380,2	3802	7	9900	9900		1100	mulching	mulching	99			99	9	9	9	9	9	9	.	.	9	2007	724	ES11

Marine Environment/ Calicia				and Marine Environment																											
72401008 / Province of P. de Asturias	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of P. de Asturias	37,5	375	7	9900	9900		1100	mulching	mulching	99	99	9	9	9	9	9	9	. .	9	2007	724	ES12
72401008 / Pais Vasco	724	1	8	Spanish Ministry of Rural and Marine Environment	Province (or autonomous community) of Pais Vasco	27,25	272,5	7	9900	9900		1100	mulching	mulching	99	99	9	9	9	9	9	9	. .	9	2007	724	ES21
72401008 / Navarra	724	1	8	Spanish Ministr	Province of Navarra	3400	3400	7	9900	9900		1100	mulching	mulching	99	99	9	9	9	9	9	9	. .	9	2007	724	ES22

				y of Rural and Marine Environment																																	
72401008 / Province of La Rioja	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of La Rioja	270	2700	7	9900	9900		1100	mulching	mulching	99	99	9	9	9	9	9	9			. .	9	2007	724	ES23
72401008 / Province of Aragon	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Aragon	601,4	6014	7	9900	9900		1100	mulching	mulching	99	99	9	9	9	9	9	9			. .	9	2007	724	ES24
72401008 / Provin	724	1	8	Spanish	Province of	836,7	8367	7	9900	9900		1100	mulching	mulching	99	99	9	9	9	9	9	9			. .	9	2000	724	ES5

ce of Catalu na				Min istr y of Rur al an d Ma rin e En viro nm ent	Catal una																							7		1
72401 008 / Provin ce of Balear es	7 2 4	1	8	Sp anish Min istr y of Rur al an d Ma rin e En viro nm ent	Provi nce of Balea res	40	40 0	7	9900	9900		11 00	mulchi ng	mulchi ng	9 9		9 9		9		9		9		9	9		. .	9	2 0 0 7	7 2 4	E S 5 3
72401 008 / Provin ce of Castill a y Leon	7 2 4	1	8	Sp anish Min istr y of Rur al an d Ma rin e En viro nm ent	Provi nce of Castil la y Leon	40, 47	40 4,7	7	9900	9900		11 00	mulchi ng	mulchi ng	9 9		9 9		9		9		9		9	9		. .	9	2 0 0 7	7 2 4	E S 4 1
72401	7	1	8	Sp	Provi	65	65	7	9900	9900		11	mulchi	mulchi	9		9		9		9		9		9	9			9	2	7	E

008 / Province of Madrid	24			anish Ministry of Rural and Marine Environment	nce of Madrid	0	00				00	ng	ng	9	9							.	.		007	24	S30
72401008 / Province of Castilla la Mancha	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Castilla la Mancha	8360	83596	7	9900	9900	1100	mulching	mulching	99	99	9	9	9	9	9	9	.	.	9	2007	724	ES42
72401008 / Province of C. Valenciana	724	1	8	Spanish Ministry of Rural and Marine Environm	Province of C. Valenciana	3847	38470	7	9900	9900	1100	mulching	mulching	99	99	9	9	9	9	9	9	.	.	9	2007	724	ES52

				ent																							
72401008 / Province of R. de Murcia	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of R. de Murcia	10189	1E+05	7	9900	9900	1100	mulching	mulching	99	99	9	9	9	9	9	9	.	.	9	2007	724	ES62
72401008 / Province of Extremadura	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Extremadura	3937	39370	7	9900	9900	1100	mulching	mulching	99	99	9	9	9	9	9	9	.	.	9	2007	724	ES43
72401008 / Province of Andalucia	724	1	8	Spanish Ministry of Rural and Marine En	Province of Andalucia	12396	1E+05	7	9900	9900	1100	mulching	mulching	99	99	9	9	9	9	9	9	.	.	9	2007	724	ES61

				vironment																														
72401008 / Province of Canarias	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Canarias	163,3	1633	7	9900	9900		1100	mulching	mulching	99	99	9	9	9	9	9	9			. .	9	2007	724	ES70
72401008 / Province of Galicia	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Galicia	8,33	83,3	7	9900	9900		2000	tunnels	tunnels	99	99	9	9	9	9	9	9			. .	9	2007	724	ES11
72401008 / Province (or autonomous province) of Pais Vasco	724	1	8	Spanish Ministry of Rural and Marin	Province (or autonomous province) of Pais Vasco	84,5	845,00	7	9900	9900		2000	tunnels	tunnels	99	99	9	9	9	9	9	9			. .	9	2007	724	ES21

				e Environment																											
72401008 / Province Navarra	724	1	8	Spanish Ministry of Rural and Marine Environment	Province Navarra	6,7	67	7	9900	9900		2000	tunnels	tunnels	99		99		9		9		9		9		9		9		. .	9	2007	724	ES22
72401008 / Province of Aragon	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Aragon	11,63	116,3	7	9900	9900		2000	tunnels	tunnels	99		99		9		9		9		9		9		9		. .	9	2007	724	ES24
72401008 / Province of Cataluna	724	1	8	Spanish Ministry of Rural and	Province of Cataluna	103,8	1038	7	9900	9900		2000	tunnels	tunnels	99		99		9		9		9		9		9		9		. .	9	2007	724	ES51

				Marine Environment																														
72401008 / Province of Baleares	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Baleares	14	140	7	9900	9900		2000	tunnels	tunnels	99		99		9		9		9		9		9	9			.	.	9	2007	724	ES533
72401008 / Province of Castilla y Leon	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Castilla y Leon	3,8	38	7	9900	9900		2000	tunnels	tunnels	99		99		9		9		9		9		9	9			.	.	9	2007	724	ES411
72401008 / Province of Castilla la Mancha	724	1	8	Spanish Ministry of Rural	Province of Castilla la Mancha	16,7	167	7	9900	9900		2000	tunnels	tunnels	99		99		9		9		9		9		9	9			.	.	9	2007	724	ES422

				and Marine Environment																											
72401008 / Province of C. Valenciana	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of C. Valenciana	3448	3447	7	9900	9900		2000	tunnels	tunnels	99	99	9	9	9	9	9	9		. .	9	2007	724	ES52
72401008 / Province of Extremadura	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Extremadura	4	40	7	9900	9900		2000	tunnels	tunnels	99	99	9	9	9	9	9	9		. .	9	2007	724	ES43
72401008 / Province of Andalucia	724	1	8	Spanish Ministry of	Province of Andalucia	9938	9938	7	9900	9900		2000	tunnels	tunnels	99	99	9	9	9	9	9	9		. .	9	2007	724	ES61

				Rural and Marine Environment																																
72401008 / Province of Galicia	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Galicia	463,7	4637	7	9900	9900		2221	Greenhouse	Greenhouse	99	99	9	9	9	9	9	9			. .	9	2007	724	ES111
72401008 / Province of Cantabria	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Cantabria	37,62	376,20	7	9900	9900		2221	Greenhouse	Greenhouse	99	99	9	9	9	9	9	9			. .	9	2007	724	ES113
72401008 / Province of	724	1	8	Spanish Min	Pais	100,5	1005	7	9900	9900		2221	Greenhouse	Greenhouse	99	99	9	9	9	9	9	9			. .	9	2007	724	ES211

Pais Vasco				istry of Rural and Marine Environment	Vasco																													
72401008 / Province of Navarra	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Navarra	190,1	1901	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9		9	. .		2007	724	ES22
72401008 / Province of La Rioja	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of La Rioja	42	420	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9	. .		2007	724	ES23
72401008 /	72	1	8	Spani	Province	103,8	1038	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9	. .		20	72	ES

Province of Aragon	4			Spanish Ministry of Rural and Marine Environment	Province of Aragon																										07	4	24
72401008 / Province of Catalunya	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Catalunya	551,3	5513	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9	.	.	9	2007	724	ES511
72401008 / Province of Balearres	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Balearres	168	1680	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9	.	.	9	2007	724	ES513

72401008 / Province of Castella y Leon	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Castella y Leon	128,5	1285	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9			.	.	9	2007	724	ES411
72401008 / Province of Madrid	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Madrid	85,16	851,6	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9			.	.	9	2007	724	ES430
72401008 / Province of Castilla la Mancha	724	1	8	Spanish Ministry of Rural and Marine Enviro	Province of Castilla la Mancha	102,2	1022	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9			.	.	9	2007	724	ES422

				nment																														
72401008 / Province of C. Valenciana	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of C. Valenciana	1818	1818 3	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		9		. .		9	2007	724	ES522
72401008 / Province of R. de Murcia	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of R. de Murcia	5819	5819 0	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		. .		9	2007	724	ES622
72401008 / Province of Extremadura	724	1	8	Spanish Ministry of Rural and Marine	Province of Extremadura	169,5	1695	7	9900	9900		2221	Greenhouse	Greenhouse	99		99		9		9		9		9		9		. .		9	2007	724	ES43

				Environment																											
72401008 / Province of Andalucia	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Andalucia	3375	3E+05	7	9900	9900		2221	Greenhouse	Greenhouse	99	99	9	9	9	9	9	9		. .	9	2007	724	ES61
72401008 / Province of Canarias	724	1	8	Spanish Ministry of Rural and Marine Environment	Province of Canarias	6791	67911	7	9900	9900		2221	Greenhouse	Greenhouse	99	99	9	9	9	9	9	9		. .	9	2007	724	ES70
72401008 / Almeria	724	1	8	Spanish Ministry of Rural an	Almeria	594,5	5945	7	9900	9900		2221	parral flat roof	parral flat roof	99	99	9	9	9	9	9	9		. .	9	2007	724	ES61

				d Marine Environment																														
72401008 / Almeria	724	1	8	Spanish Ministry of Rural and Marine Environment	Almeria	500	5000	7	9900	9900		2221	parral single span	parral single span	99		99		9		9		9		9		9			. .		9	2007	724	ES611
72401008 / Almeria	724	1	8	Spanish Ministry of Rural and Marine Environment	Almeria	871,8	8718	7	9900	9900		2221	parral single span symmetrical	parral single span symmetrical	99		99		9		9		9		9		9			. .		9	2007	724	ES611
72401008 / Almeria	724	1	8	Spanish Ministry of Rur	Almeria	887,5	8875	7	9900	9900		2221	parral single span asymmetrical	parral single span asymmetrical	99		99		9		9		9		9		9			. .		9	2007	724	ES611

				al and Marine Environment																												
72401008 / Almeria	724	1	8	Spanish Ministry of Rural and Marine Environment	Almeria	832,1	8321	7	9900	9900		2221	multi span tunnel type	multi span tunnel type	99			99	9	9			9	9	9	9	.	.	9	2007	724	ES61
19601013 /	196	1	13	Agricultural Research Institute		1,58	1,58	2	200	200	vegetables	2221	Greenhouse	Greenhouse	10	Soilless	Soilless	99	9	3	forced ventilation	forced ventilation	1	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural Research Institute		6,32	6,32	2	200	200	vegetables	2221	Greenhouse	Greenhouse	10	Soilless	Soilless	99	9	2	Natural ventilation	Natural ventilation	1	9	9	9	.	.	9	2007	196	CY00

19601013 /	196	1	13	Agricultural Research Institute	39,85	39,85	2	200	200	vegetables	2221	Greenhouse	Greenhouse	0	soil	soil	99	9	3	Forced ventilation	Forced ventilation	1	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural Research Institute	111,1	111,1	2	200	200	vegetables	2221	Greenhouse	Greenhouse	0	soil	soil	99	9	2	Natural ventilation	Natural ventilation	1	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural Research Institute	16,65	16,65	2	200	200	vegetables	2221	Greenhouse	Greenhouse	0	soil	soil	99	9	2	Natural ventilation	Natural ventilation	0	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural Research Institute	48,38	48,38	2	200	200	vegetables	2210	Walk-in tunnel	Walk-in tunnel	0	soil	soil	99	9	2	Natural ventilation	Natural ventilation	0	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural	64,7	64,7	2	200	200	vegetables	2210	Walk-in tunnel	Walk-in tunnel	0	soil	soil	99	9	2	Natural	Natural	1	9	9	9	.	.	9	2007	196	CY00

				Research Institute																ventilation	ventilation										
19601013 /	196	1	13	Agricultural Research Institute	5,13	5,13	2	9100	9100	Cut flowers	2221	Greenhouse	greenhouse	10	Soilless	Soilless	99	9	2	Natural ventilation	Natural ventilation	1	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural Research Institute	0,57	0,57	2	9100	9100	Cut flowers	2221	Greenhouse	greenhouse	10	Soilless	Soilless	99	9	3	Forced ventilation	Forced ventilation	1	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural Research Institute	26,7	26,7	2	9100	9100	Cut flowers	2221	Greenhouse	greenhouse	0	soil	soil	99	9	2	Natural ventilation	Natural ventilation	1	9	9	9	.	.	9	2007	196	CY00
19601013 /	196	1	13	Agricultural Research Inst	8,9	8,9	2	9100	9100	Cut flowers	2221	Greenhouse	greenhouse	0	soil	soil	99	9	3	Forced vent	Forced vent	1	9	9	9	.	.	9	2007	196	CY00

				itute																			ilat ion	il at ion														
19601013/	19 6	1	13	Agricultural Research Institute		8,9	8,9	2	9100	9100	Cut flowers	2221	Greenhouse	greenhouse	0	soil	soil	99		9		2	Natural vent il at ion	Natural vent il at ion	0		9		9	9		. .		9	2007	196	CY00
19601013/	19 6	1	13	Agricultural Research Institute		16,48	16,48	2	9200	9200	pot plants	2221	Greenhouse	greenhouse	11	potting peat	potting peat	99		9		2	Natural vent il at ion	Natural vent il at ion	1		9		9	9		. .		9	2007	196	CY00
19601013/	19 6	1	13	Agricultural Research Institute		4,12	4,12	2	9200	9200	pot plants	2221	Greenhouse	greenhouse	11	potting peat	potting peat	99		9		2	Natural vent il at ion	Natural vent il at ion	0		9		9	9		. .		9	2007	196	CY00