Animal Plant Health Inspection Services

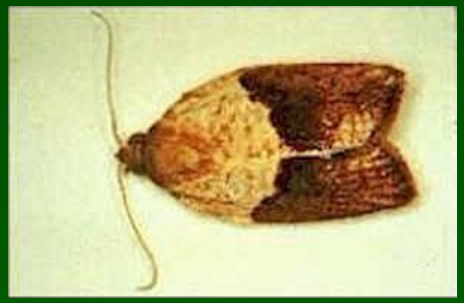
2009 USDA Imagery Meeting Update

- Agency Regulatory & Pest Management Activities
- Imagery in Action: APHIS Web Enterprise Mapping Service

Animal Plant Health Inspection Services

2009 USDA Imagery Meeting Update

Name That Pest:



Animal Plant Health Inspection Services

2009 USDA Imagery Meeting Update

Name That Pest:

2009 Pest Management Activities

- 2009 Pest Management Activities

  Light brown apple moth, Panicle rice mite, Coconut rhinoceros beetle, Plum pox, Citrus greening/Asian citrus psyllid, Potato cyst nematode, Golden nematode, Peach fruit fly, Mediterranean fruit fly, Mexican fruit fly, Asian gypsy moth, European gypsy moth, Emerald ash borer, Asian long-horned beetle, Glassy-winged sharpshooter, Imported fire ant, Pink hibiscus mealy bug, Sirex woodwasp, Pine shoot beetle, Cactus moth, Karnal bunt, Equine piroplasmosis, Vesicular stomatitis, Round-Up Ready Sugarbeets….

Imagery in Action: APHIS Web Enterprise Mapping Service

AWEMap

Allows creation and publication of semi-custom web maps

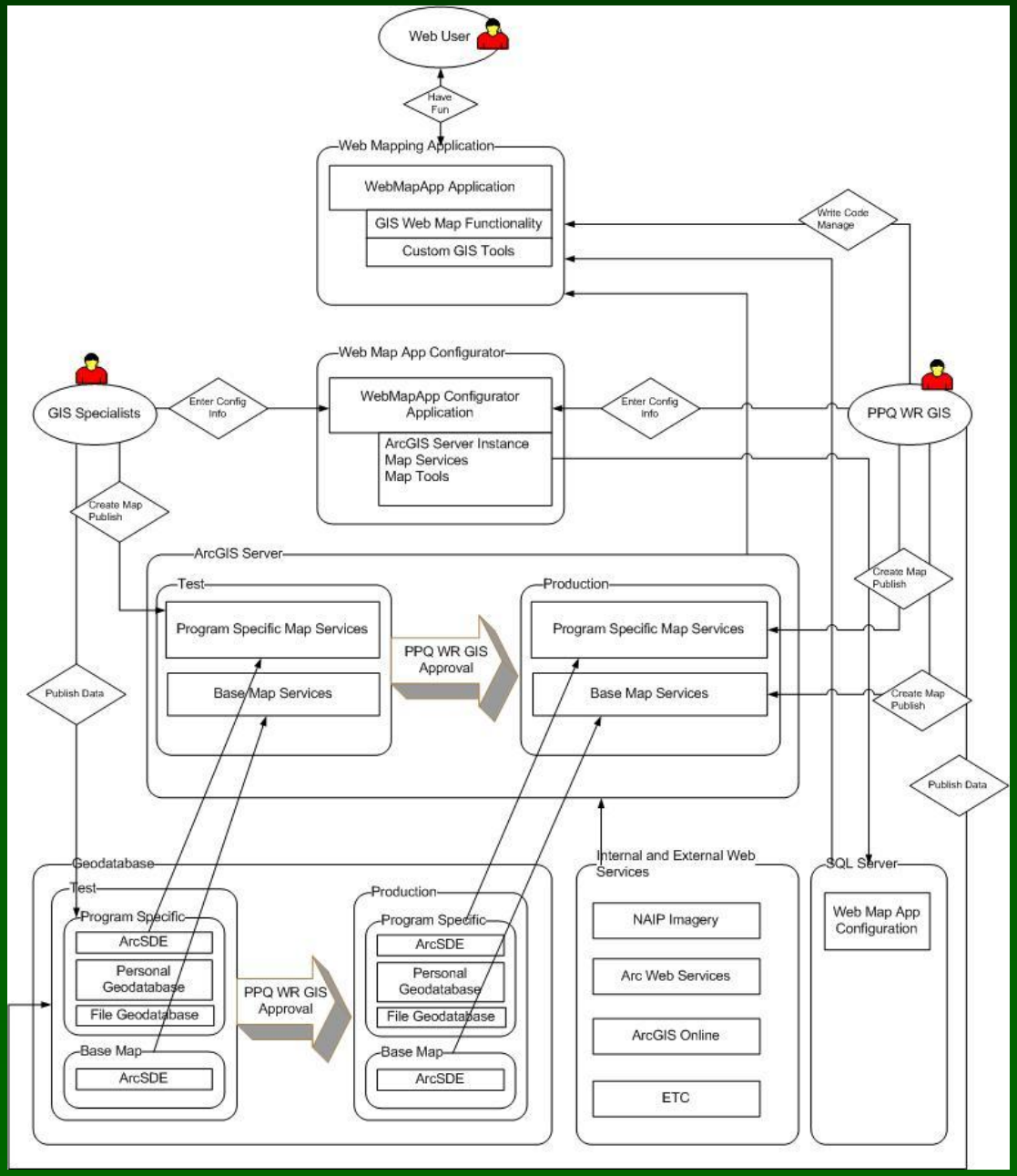
- Map layout created local GIS staff
- Map configured for web mapping (local spatial data)
- Web mapping services selected
- Maps published through single web application

Imagery in Action: APHIS Web Enterprise Mapping Service

AWEMap

Benefits

- Single web application: easier setup, upgrading and maintenance
- Consistent product format
- Rapid deployment/distribution
- Empowers GIS professionals to provide semi-custom web maps to meet customer needs
- Leverages existing data services



AWEMap

Web Map Application Configurator

- Servers
- Services
- Map Tools
- Users
- Service Areas
- Mapping Applications

Web Map Application Viewer

- Map Publishing

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Manage Servers

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Manage Services

AWE Map Services

	Map Service Name	Data Frame	Status	
○	ESRI_Satellite	(default)@ESRI_Satellite	Active	✕
○	I3_Imagery_Prime_World_2D	(default)@I3_Imagery_Prime_World_2D	Active	✕
○	ESRI_Relief	(default)@ESRI_Relief	Active	✕
○	BLM_LSIS_wms	(default)@BLM_LSIS_wms	Active	✕
○	BLM_MAP_OIL_AND_GAS	(default)@BLM_MAP_OIL_AND_GAS	Active	✕
○	BLM_MAP_GEOTHERMAL	(default)@BLM_MAP_GEOTHERMAL	Active	✕
○	BLM_MAP_SOLID_MINERALS	(default)@BLM_MAP_SOLID_MINERALS	Active	✕
○	BLM_MAP_SURFACE_MGT_AGY	(default) @BLM_MAP_SURFACE_MGT_AGY	Active	✕
○	BLM_OVERVIEW	(default)@BLM_OVERVIEW	Active	✕
○	BLM_PARCELS_wms	(default)@BLM_PARCELS_wms	Active	✕
○	BLM_RANGELAND_wms	(default)@BLM_RANGELAND_wms	Active	✕
○	BLM_SURFACE_MGT_AGY	(default)@BLM_SURFACE_MGT_AGY	Active	✕
○	BLM_LANDSVIEWER	(default)@BLM_LANDSVIEWER	Active	✕
○	BLM_MISC_wms	(default)@BLM_MISC_wms	Active	✕
○	BLM_ROADS_staging_wms	(default)@BLM_ROADS_staging_wms	Active	✕
○	BLM_TWP_INDEX_wms	(default)@BLM_TWP_INDEX_wms	Active	✕
○	ESRI_ShadedRelief_World_2D	(default) @ESRI_ShadedRelief_World_2D	Active	✕
○	ESRI_StreetMap_World_2D	(default)@ESRI_StreetMap_World_2D	Active	✕
○	ESRI_Imagery_World_2D	(default)@ESRI_Imagery_World_2D	Active	✕
○	Atlas_Timezones	(default)@Atlas_Timezones	Active	✕
○	Census_Population	(default)@Census_Population	Active	✕
○	USGS_EDC_LandCover_NLCD2(	(default) @USGS_EDC_LandCover_NLCD2001	Active	✕
○	HopperQuick	(default)@HopperQuick	Active	✕
○	HopperQuick_nobg	(default)@HopperQuick_nobg	Active	✕
○	FireAnt_nobg	(default)@FireAnt_nobg	Active	✕
○	HopperHazard	(default)@HopperHazard	Active	✕
○	HopperFull_nobg	(default)@HopperFull_nobg	Active	✕
○	KS_GH_Historical	(default)@KS_GH_Historical	Active	✕
○	BLM_MAP_PLSS	default@BLM_MAP_PLSS	Active	✕
○	LA_CactusMoth_2009	(default)@LA_CactusMoth_2009	Active	✕
○	APFO NAIP ZONE 13	(default)@MDOQ_UTM13	Active	✕
○	NRCS FTW NAIP	(default)@NAIP	Active	✕

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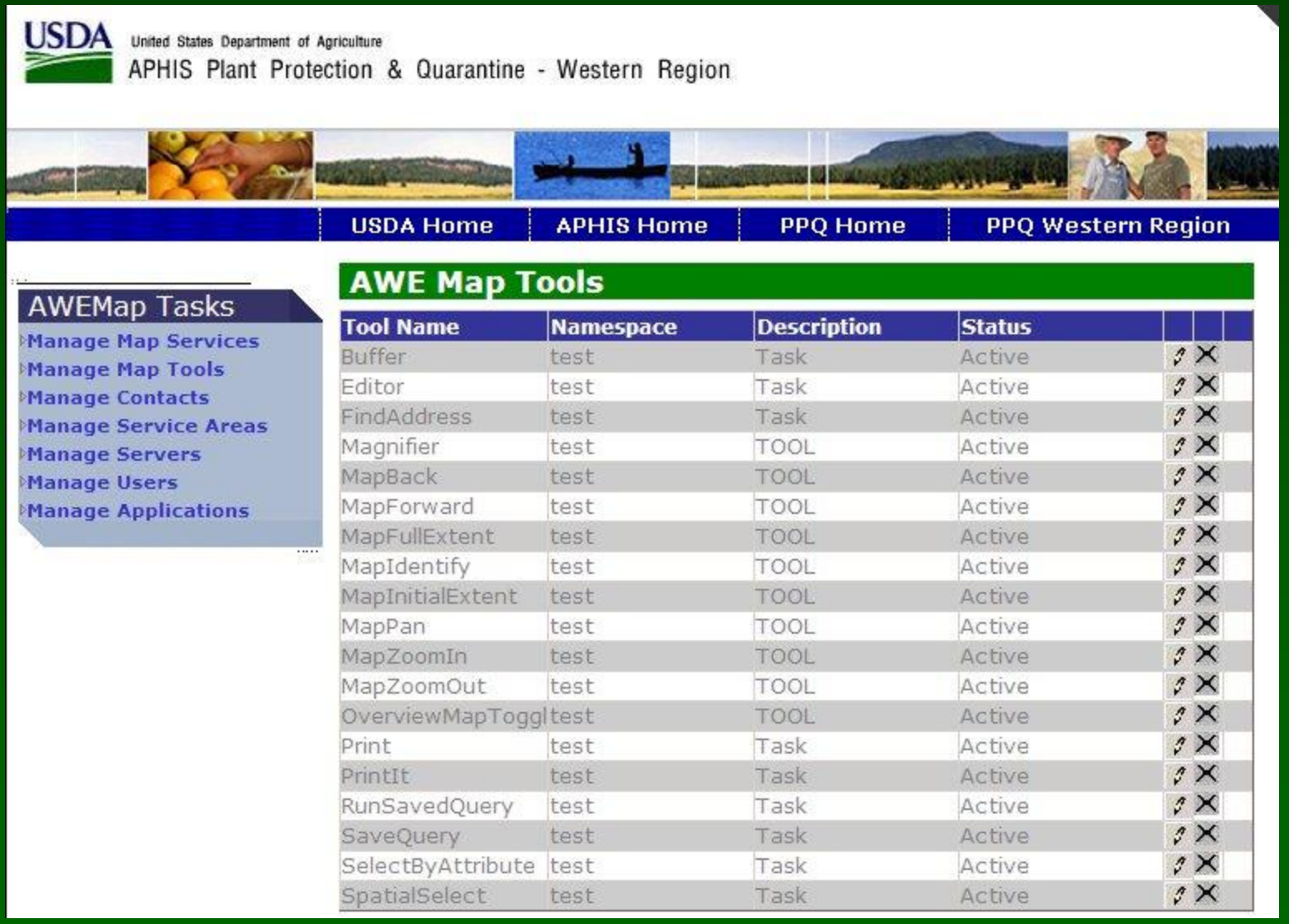
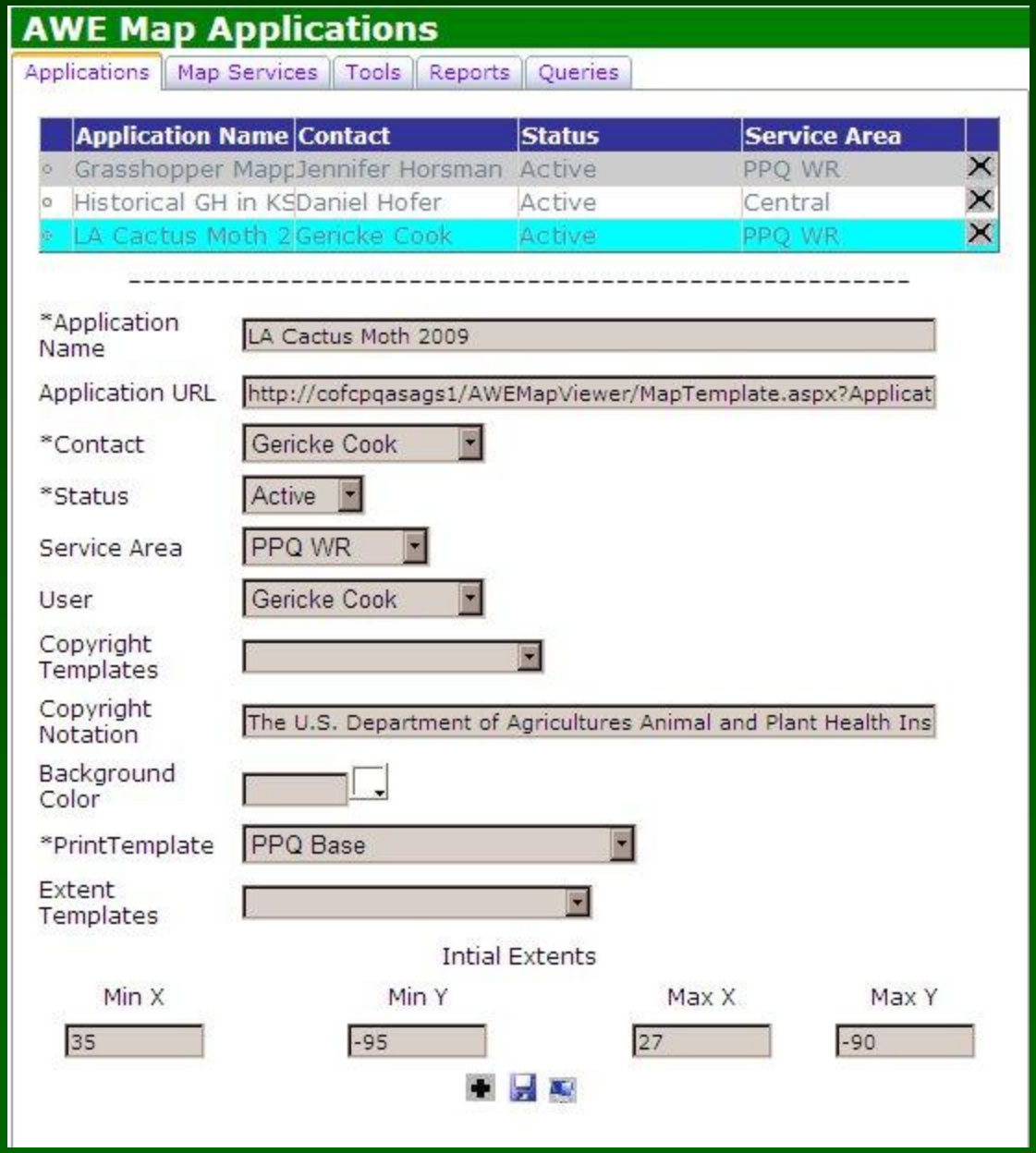
Manage Tools



Tool Name	Namespace	Description	Status		
Buffer	test	Task	Active		
Editor	test	Task	Active		
FindAddress	test	Task	Active		
Magnifier	test	TOOL	Active		
MapBack	test	TOOL	Active		
MapForward	test	TOOL	Active		
MapFullExtent	test	TOOL	Active		
MapIdentify	test	TOOL	Active		
MapInitialExtent	test	TOOL	Active		
MapPan	test	TOOL	Active		
MapZoomIn	test	TOOL	Active		
MapZoomOut	test	TOOL	Active		
OverviewMapToggl	test	TOOL	Active		
Print	test	Task	Active		
PrintIt	test	Task	Active		
RunSavedQuery	test	Task	Active		
SaveQuery	test	Task	Active		
SelectByAttribute	test	Task	Active		
SpatialSelect	test	Task	Active		

AWEMap

Manage Map Application



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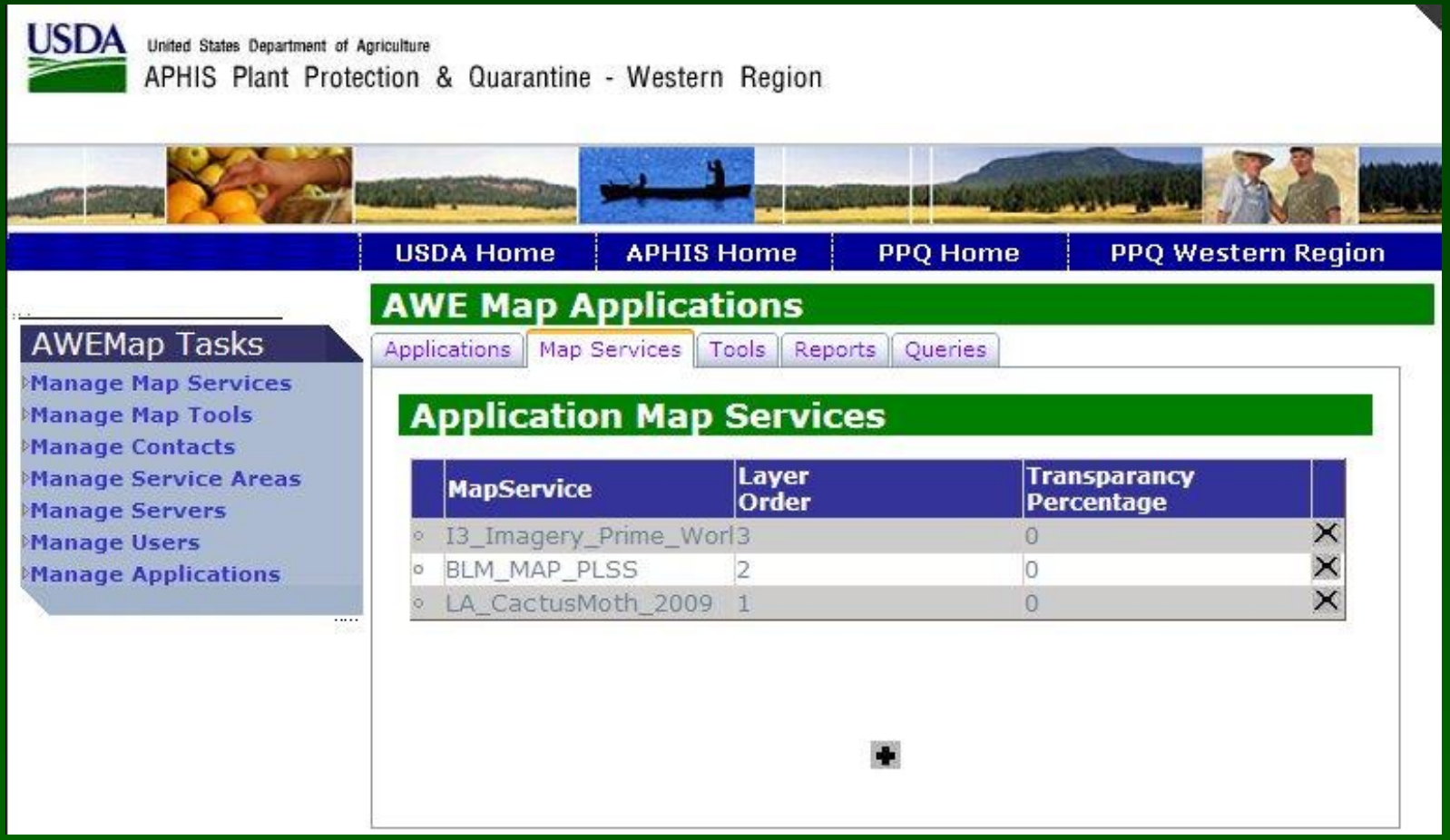
Manage Application Services



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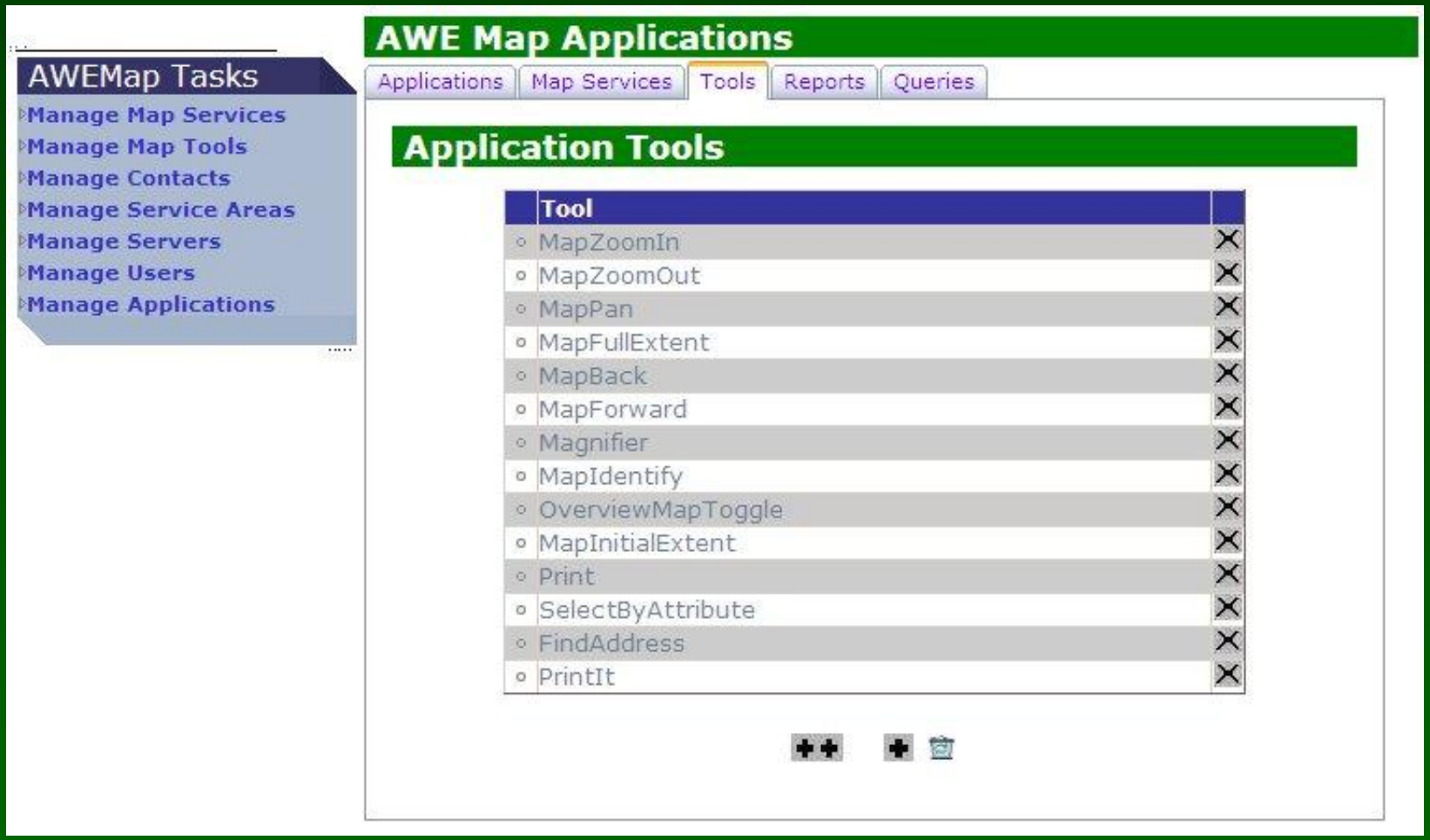
Manage Application Tools



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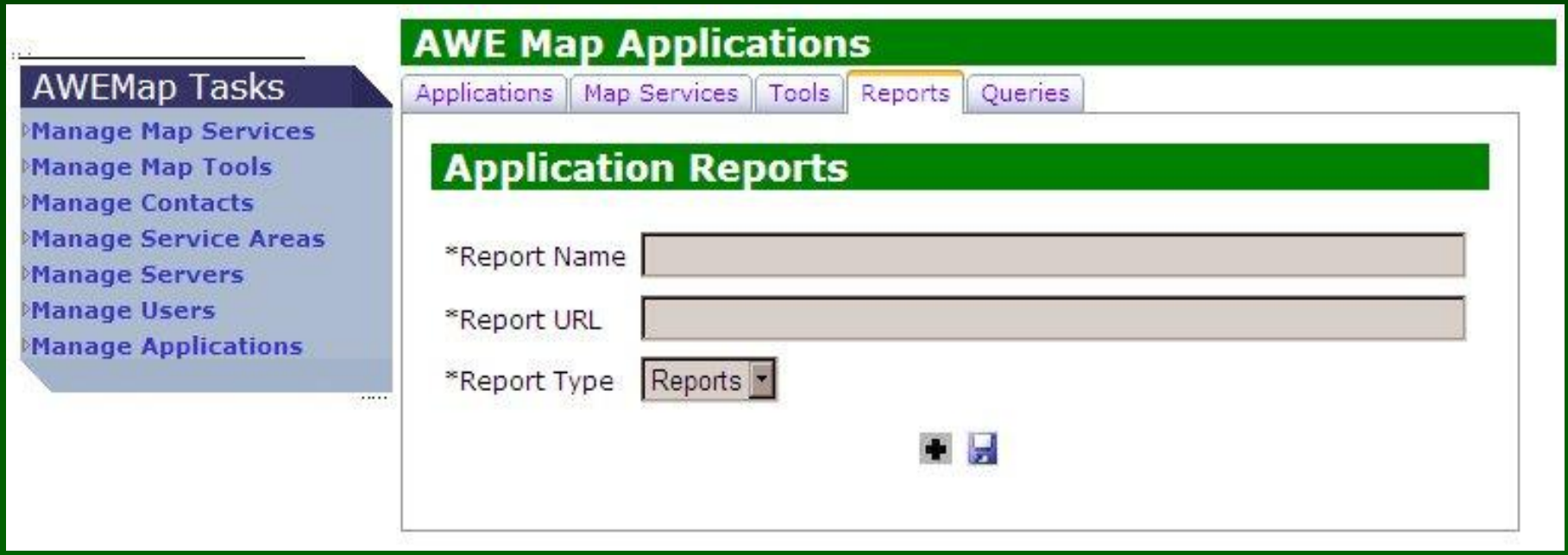
Manage Application Reports



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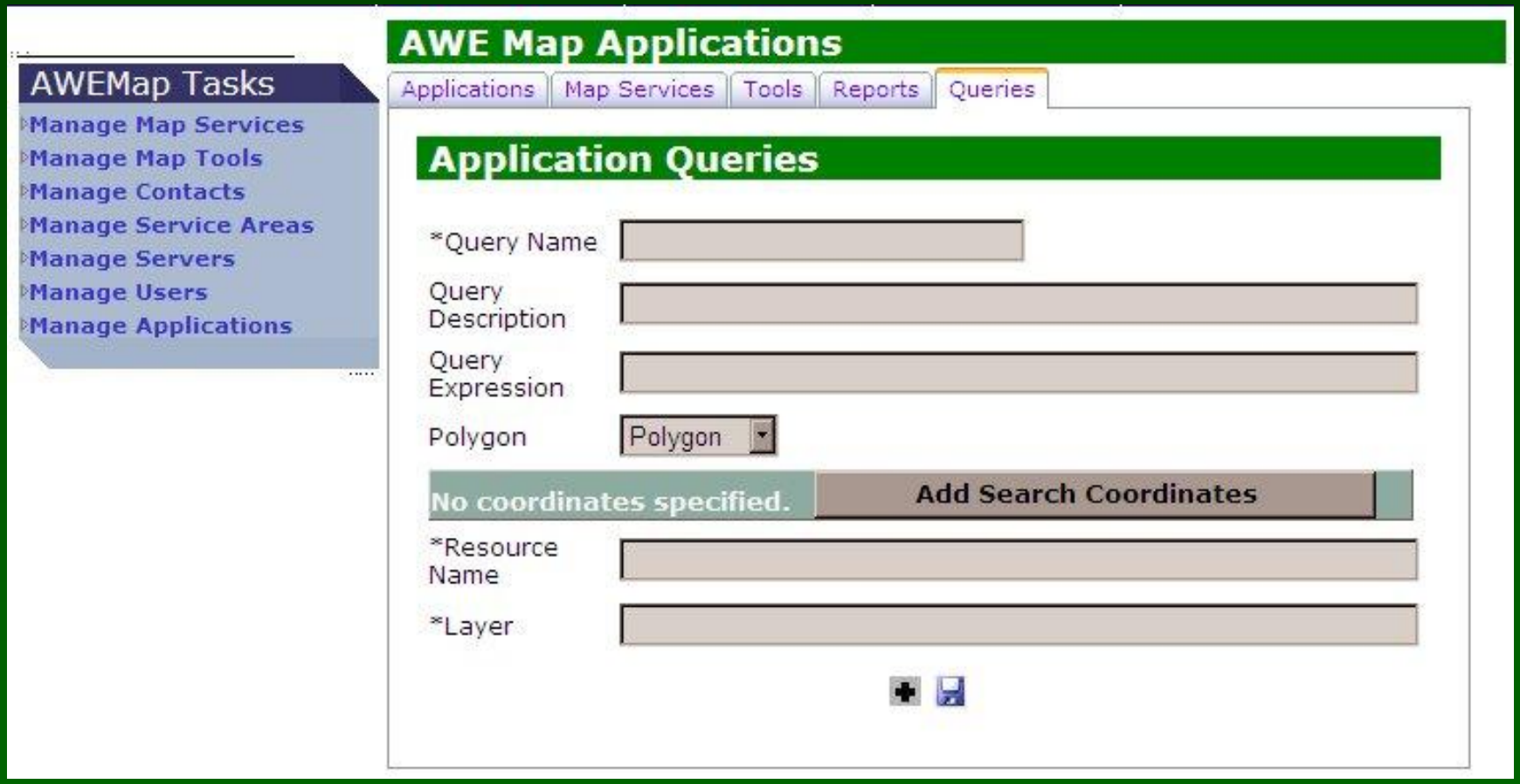
Manage Application Queries



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Imagery in Action: APHIS Web Enterprise Mapping Service

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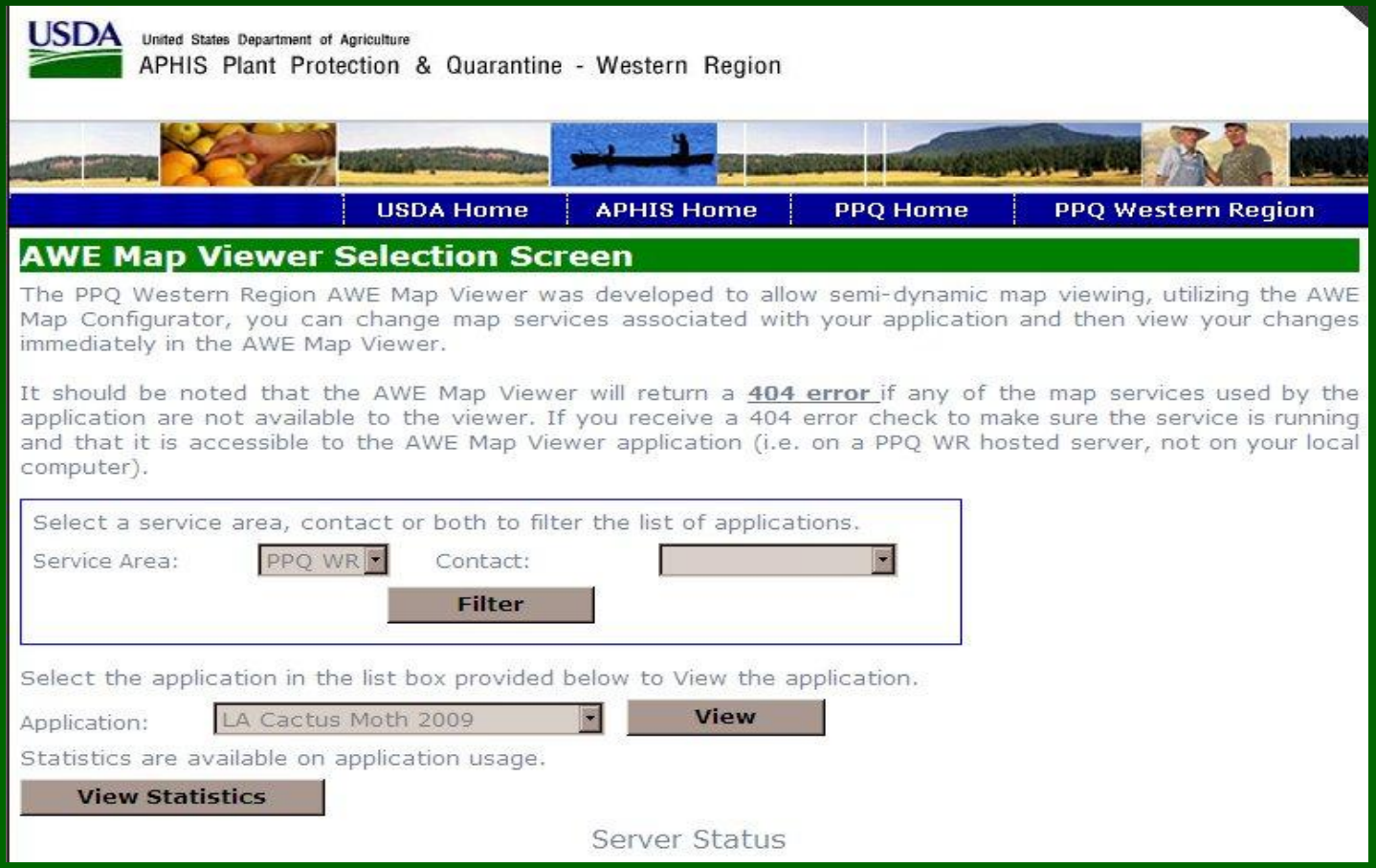
Web Map Application Viewer



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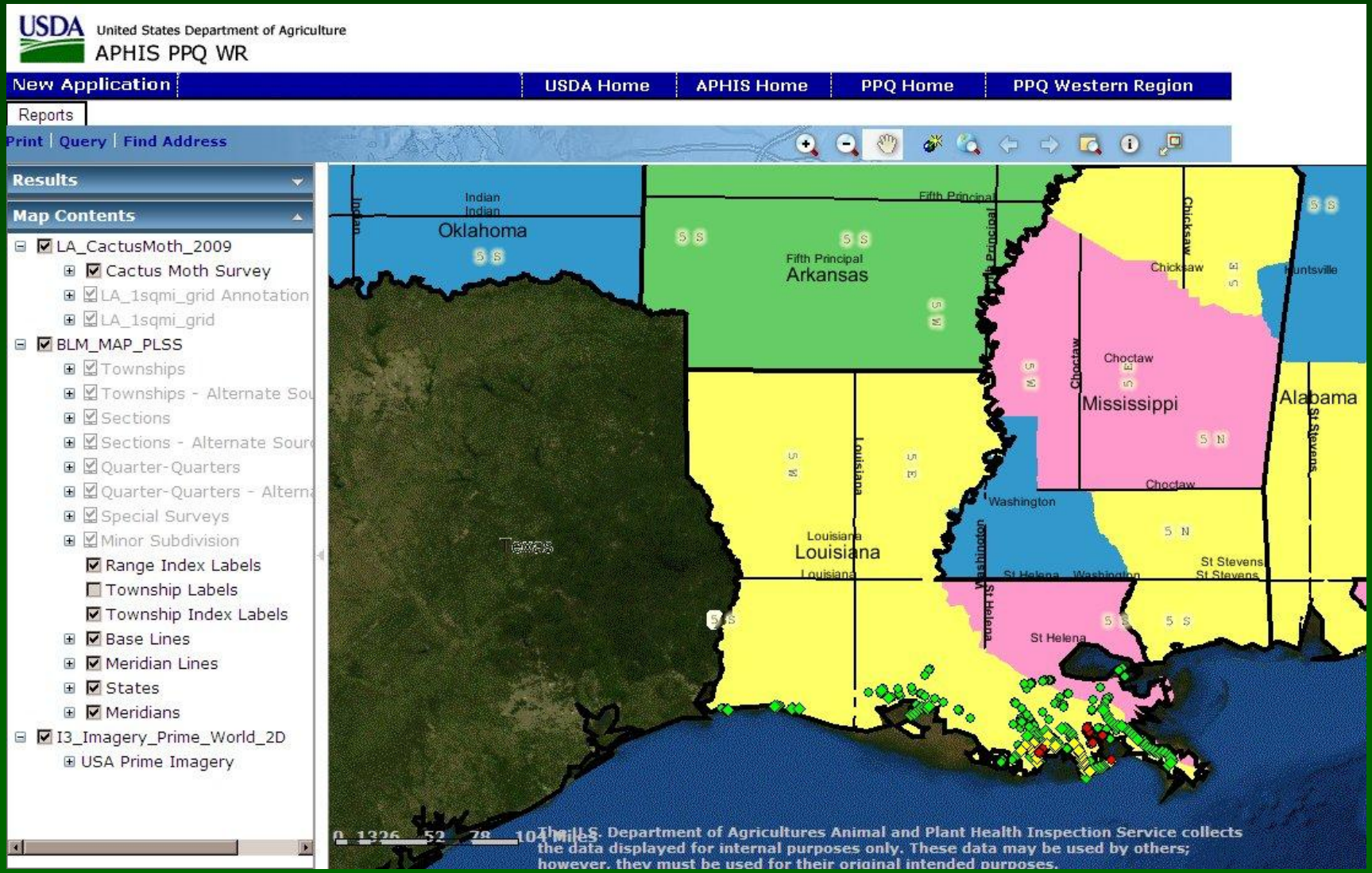
Web Map Application Viewer



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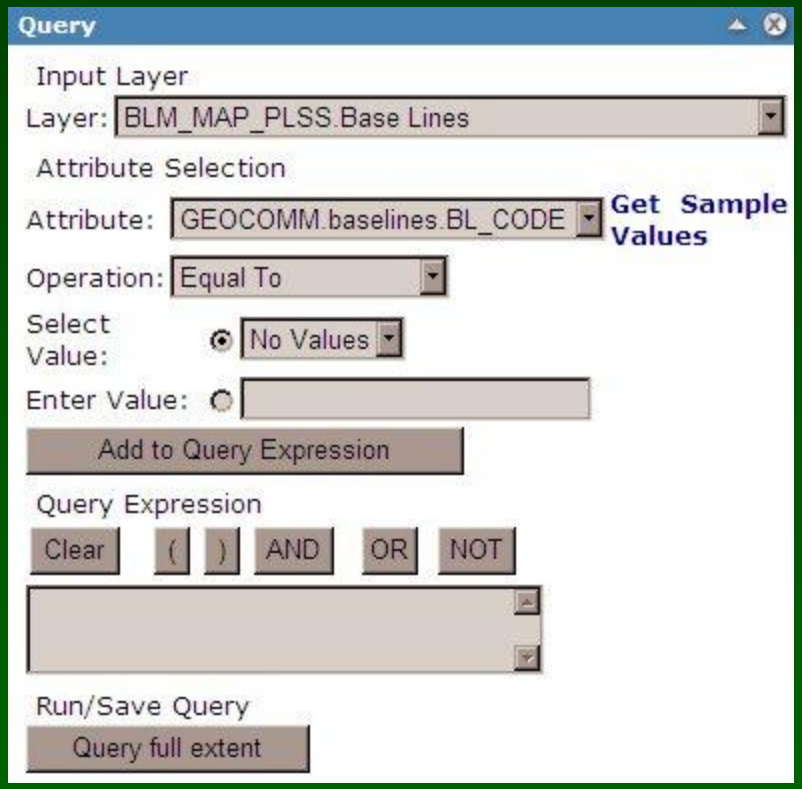
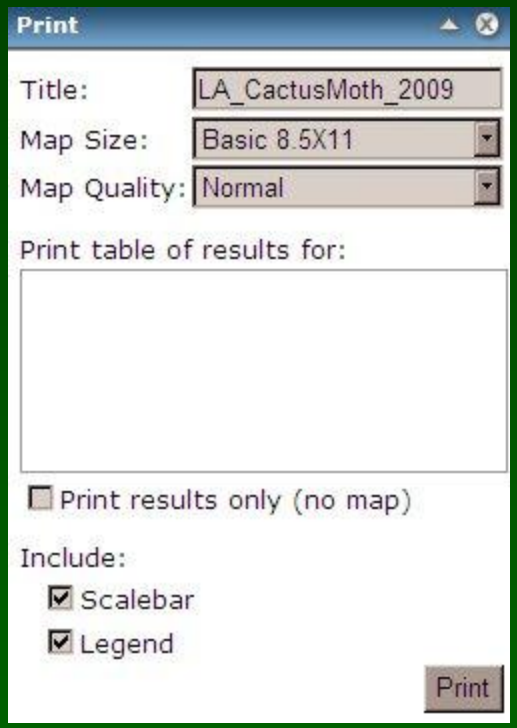
Web Map Application Viewer Functions





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Success Dependent on Continuation of Available Imagery and the Services