



Prescription Maps Version 2 Server



PRECISION
AGRONOMICS AUSTRALIA

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User Guide i4M Maps
Tablet Type iPad and Android
Version 202

Foreward

This is a basic guide for i4M Map Loading using the i4M Cloud Server only.

This guide provides supplementary information only. Please see other relevant documents for Machine Operation and use of i4M Mobile Apps.

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Overview

- Before you start, you need prescription maps in shape file format
- i4M does not create shape files, use other precision farming software for this
- Your cropping consultant can give you with shape files, or they can upload them for you
- Spreaders use kg/ha (if your shapefiles are in tons, you can change this in the cloud)

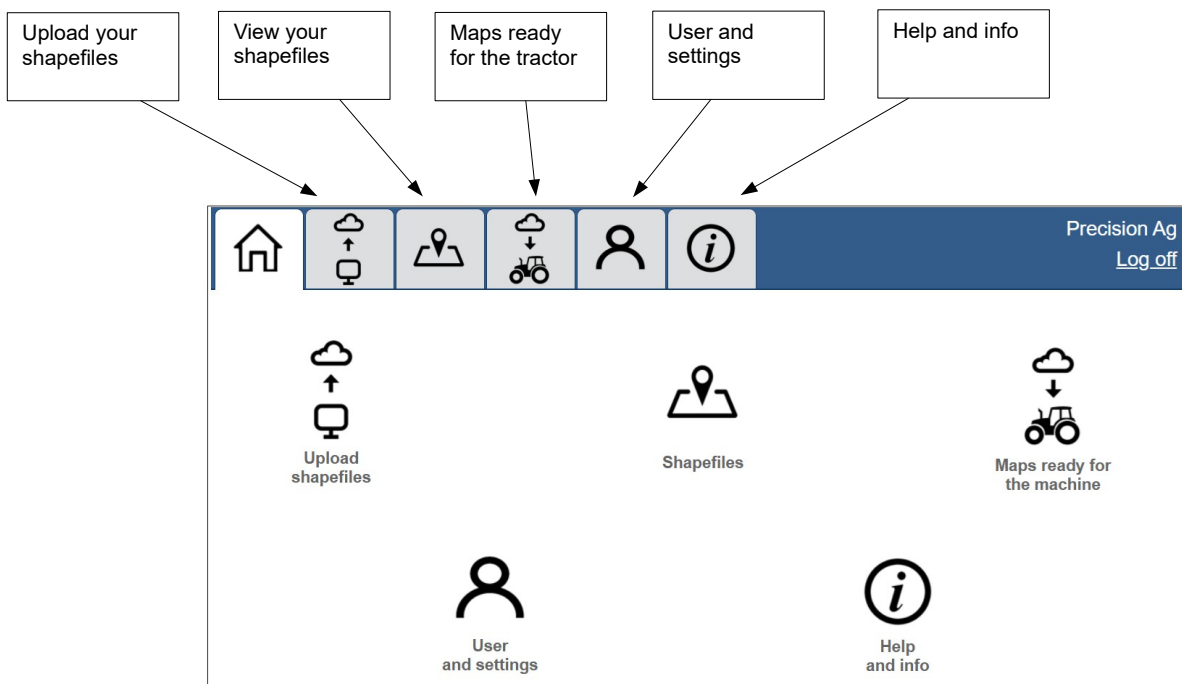
Shape File Requirements

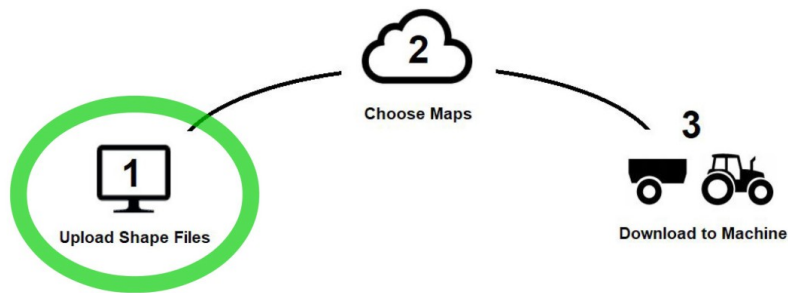
- Use ESRI shape file format
- Coordinate Reference System is WGS84
- Maximum number of polygons is 300
- Dissolve polygons to reduce numbers and simplify the map (Grid maps – reduce jagged edges)

Setup i4M Account

- On your web browser go to i4m.net.au
- Click on Login / Create New User
- Enter your details and login
- You will see the home page below

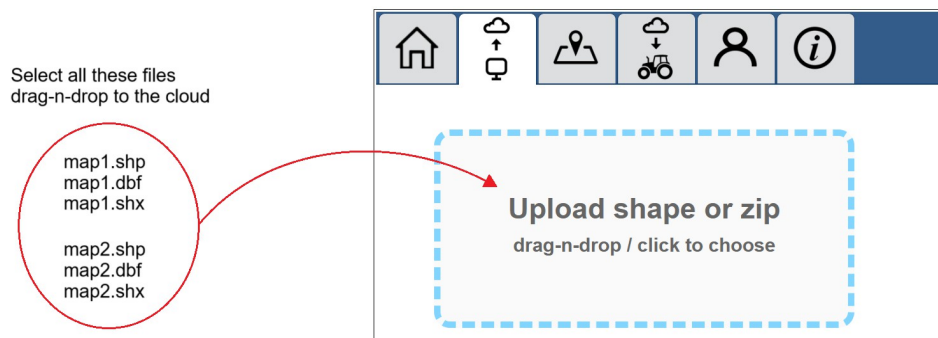
i4M Cloud – Home Page





Step 1 - Upload Shapefiles

- Create the shape files using a Precision Farming software on a PC, Mac or Tablet
- The shapefile has a minimum of 3 files (name.shp + name.dbf + name.shx)
- The names can't have special characters : / \ : * ? " < > | ! @ # \$ % ^ &
- Select a bunch of files at once on the PC (not zipped up)
- Drag and drop them to the window shown below
- If a file is missing, you will get a warning
- You can also upload zipped files (only one shapefile per zip)





Step 2 - Choose Maps for the Machine

- Shapefiles have lots of layers, you must choose the layer with your rates
- Click on a layer, it will display in the map view
- You can search for shapefiles in the search bar

Click a layer to display it in the map view

Their names will be random

Hover the mouse over each zone to see the rates

Select the correct layer (that has the rate kg/ha)

Then click Send map to tablet

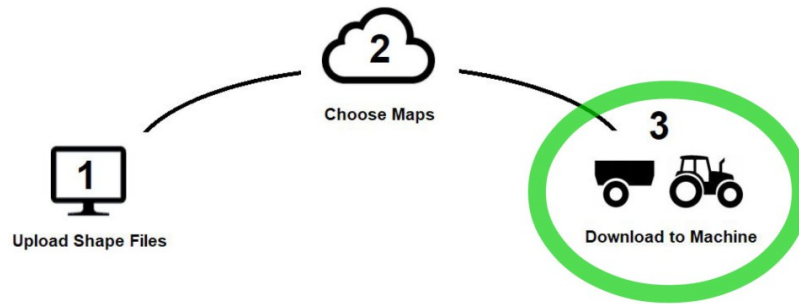
- Select the correct layer (hover mouse over the map to check the rates)
- Click Send map to tablet
- Enter some useful info for the tractor driver (farm/field/job, anything you want, keep it short)
- If the map has jagged edges or lots of points and zones, click Reduce Junk to clean it up

Add some useful info for the tractor driver

This will show up on the tablet

Click Send map to tablet when done

Reduce Junk will tidy up jagged edges and reduce points



Step 3 - Maps Ready for the Machine

- This list of maps will download to the i4M tablet (so keep it short)
- You can search this list, use the search bar below
- You can also edit these maps now, before the tablet downloads them
- Click on a map to edit it or delete it

Click on one map to Edit it or Delete

Home
Cloud
Location
Tractor
User
Info

These maps are ready for the machine.

Urea 2025 Spreading	10/4/25
Edit Delete	
Lime spreading field04	29/3/25
Lime spreading field05	28/3/25

Search

Delete all

Search for maps

Search for maps

Home
Cloud
Location
Tractor
User
Info

These maps are ready for the machine.

Urea 2025 Spreading	10/4/25
Edit Delete	
Lime spreading field04	29/3/25
Lime spreading field05	28/3/25

Search

Delete all



Important – Keep this list short (tablet storage is limited)
Delete maps that you don't need

Edit a Map (change the rates)

- On the page below (Maps Ready for the Machine)
- Select a map in the list and click Edit

Maps Ready for the Machine page

Select a map
Click Edit

Home
Cloud
Location
Tractor
User
Info

These maps are ready for the machine.

Map Name	Date
Urea 2025 Spreading	10/4/25
Edit Delete	
Lime spreading field04	29/3/25
Lime spreading field05	28/3/25

- Choose an option from the dropdown (how do you want to select zones in the map)
- Then click on the zones in the map (you will see which zones are selected)
- Then enter a fixed rate (or you can multiply the current rate)
- Then clear the selection, and repeat for the other zones
- Click save, then hover the mouse over the zones to double check the rates

Step 1
Choose how you want to change the zones

Step 3
Enter a new rate for the zone (or multiply the current rate)

Click set (or multiply)

Step 5
Click save, then hover over the zones to double check the rate

Home
Cloud
Location
Tractor
User
Info

Selection Mode

Select all zones with the same rate
Select all zones with the same rate
 Select individual zones
 Change whole map

Set Fixed Rate

Sets the rate of all selected zones to the fixed value you enter

Multiply Current Rate

2 doubles current rate, 0.5 halves it

Map
Satellite
510
RATE Control Key

Step 2
Click on a zone to select it

Ctrl + Click will select additional zones

Click clear selection button then select other zones

Step 4
Click clear selection, and repeat for the other zones



Important – Use the machine Tablet to download your maps when you're done

User and Settings

- User info can be added or changed on the user page

Change your details

Change your password

Click Update



Email

Mr.Burns@nuclear.plant

Password

Confirm Password

Company

Springfield Pwr

Update

Farm Name

Add

Springfield

Agronomist Email

Add

Add your farm names

Click on the list below to delete them

Connect with Agronomist

- You can allow your Consultant to access your account (to upload shapefiles and edit maps)
- Your consultant must contact i4M support to setup an agronomist account (email admin@precisionag.com.au)
- Enter their email in the Agronomist box



Email

Mr.Burns@nuclear.plant

Password

Confirm Password

Company

Springfield Pwr

Update

Farm Name

Add

Springfield

Agronomist Email

Add

Your consultant must contact i4M support to setup an agronomist account

Then you can add their email address here