

i4M



PRECISION
AGRONOMICS AUSTRALIA

www.i4m.tech

admin@precisionag.com.au

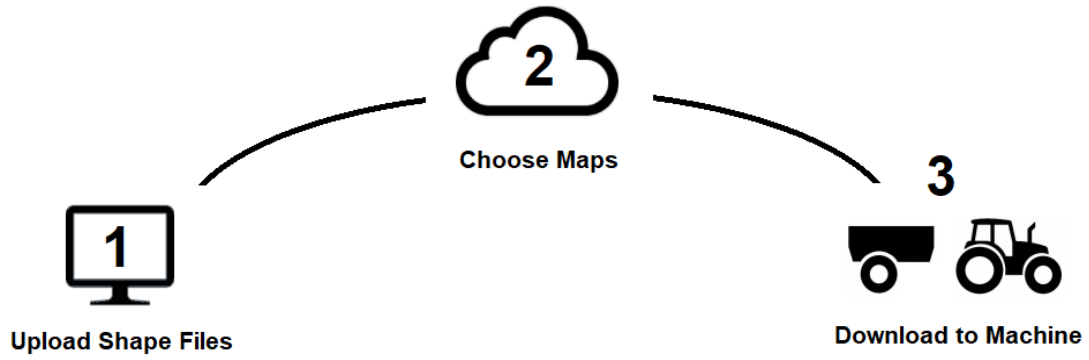
**Operators Guide i4M Maps
Tablet Type iPad
Version 01**

Foreward

This is a basic guide for i4M Map Loading only. This guide provides supplementary information only. Please see other relevant documents for Machine Operation.

Contents	Page
Overview	03
Shape File Requirements	03
Using the Cloud	04
Upload Shape Files	05
Choose Maps	06
Download Maps	07

Overview



- Before you start, you need shape files
- i4M does not create shape files, use other software of your choice
- Your cropping consultant may provide you with shape files, or they can upload to your i4M cloud

Shape File Requirements

- Use ESRI shape file format
- Coordinate Reference System is WGS84
- Maximum number of polygons is 300
- Do not use Gridded data
- When possible, dissolve polygons to reduce numbers and simplify the map

Using the Cloud

- Go to www.i4m.tech and Login
- Enter username and password, or create a new account
- There are 4 sections to the cloud

Holding/Farm Names

ID	Holding Name	New
10	Green Row Farm	
13	Springfield Pty Ltd	



Create or Delete Farms

Upload a new Shape file

Select a new shape file to upload in .zip format. The ZIP file should contain a .shp & .dbf file.

Get File:



Upload Shape Files

My Shape Files - i4M HUB

These files are on the server ready to be converted to geoJSON format.

Zip File	Controls	Holding	Field	Attributes
# Western_Block				
# Urea_Map				



Shape Files in the Cloud

i4M Server Data

These files are available on your mobile device.

Filename	Holding/Farm name	Field	Control Layer	Attributes
Western_Block	Green Row Farm	Western_Block	Lime	Lime
Urea Trial Feburary	Green Row Farm	South Field	Urea	Urea



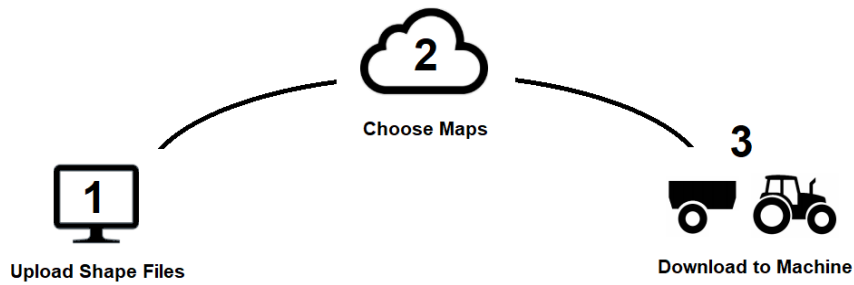
Maps for the Machine
The tablet will download these

- Enter your Holding Names or Farm Names

Holding/Farm Names

ID	Holding Name	New
10	Green Row Farm	
13	Springfield Pty Ltd	

- Now you are ready to upload some shape files



1 Upload Shape Files

- Create your prescription map shape files on any pc/mac/tablet
- Zip shape files
- The zip folder must have the same name as the files inside it
- No spaces and no special characters / \ : * ? " < > | ! @ # \$ % ^ &
- 30 letters max
- Example below


West_Block.shp
West_Block.shx
West_Block.dbf

➔


West_Block.zip

Urea_Map.shp
Urea_Map.shx
Urea_Map.dbf

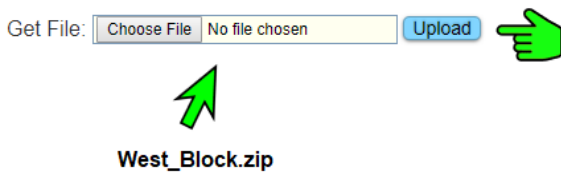
➔


Urea_Map.zip

- In the i4M Cloud, click Choose File, then Upload

Upload a new Shape file

Select a new shape file to upload in .zip format. The ZIP file should contain a .shp & .dbf file.



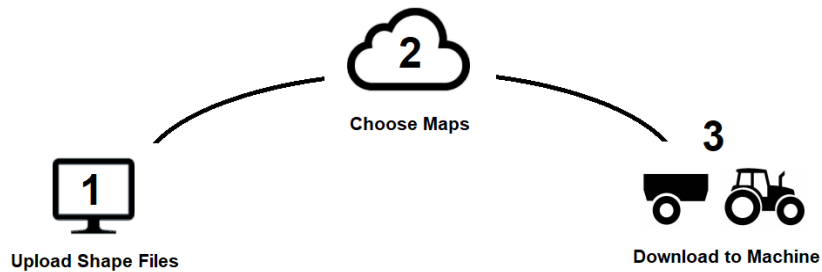
- The map will appear here

My Shape Files - i4M HUB

These files are on the server ready to be converted to geoJSON format.

Zip File	Controls	Holding	Field	Attributes
# Western_Block				
# Urea_Map				





2 Choose Maps

- A shape file can have many map layers
- You need to choose the map layers you want

My Shape Files - i4M HUB

These files are on the server ready to be converted to geoJSON format.

Zip File	Controls	Holding	Field	Attributes
# Western_Block	Lime	Green Row Farm		

Choose this Shape File

View this Map Layer
Note this Shape File only has 1 Map Layer

My Shape Files - i4M HUB

These files are on the server ready to be converted to geoJSON format.

Zip File	Controls	Holding	Field	Attributes
# Western_Block	Lime	Green Row Farm		

Select the Correct Farm or Holding

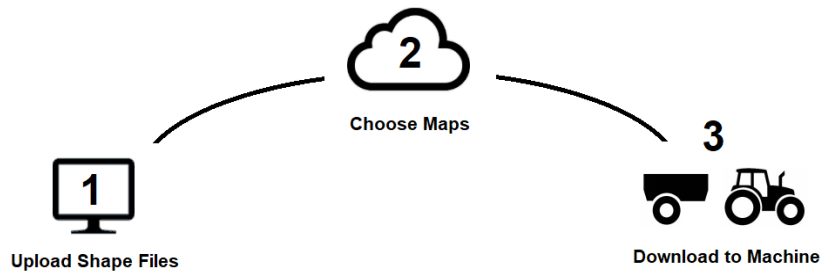
Enter information to help identify this map in the Machine

My Shape Files - i4M HUB

These files are on the server ready to be converted to geoJSON format.

Zip File	Controls	Holding	Field	Attributes
# Western_Block	Lime	Green Row Farm	River	Lime Spreading

Click to send to the Machine
This map will be added to the tablet download list



3 Download Maps

- On the tablet app, tap Download (see the Operators Guide for details)
- The list below will be downloaded onto the tablet

i4M Server Data

These files are available on your mobile device.

Filename	Holding/Farm name	Field	Control Layer Attributes	
Western_Block	Green Row Farm	Western_Block	Lime	Lime
Urea Trial Feburary	Green Row Farm	South Field	Urea	Urea



Maps for the Machine
The tablet will download these