

Improve Field Trials with ClearAg Premium Weather and Soil Content

Iteris delivers unique advantages to the Agricultural Field Trial Research Community

- Comprehensive expertise including meteorology, agronomy, land surface modeling, crop production, and computer science
- Proprietary software to analyze weather conditions around the world at any given time, leveraging the best-available data for each location
- Proprietary adaptive forecasting technology, using scores of model inputs to predict global weather conditions
- Proprietary Land Surface Information System that simulates the interactions between weather conditions, soil types, water bodies, and the vegetation resident on the surface of the Earth



Seamlessly import Premium Weather and Soil Data into ARM

- Current weather conditions
- Hourly historical weather available for the past 2 years
- Daily historical weather available back to January 1st 1980
- 30 year precipitation
- Average temperature along with 30 year average, min, and max temperature
- Average wind speed, along with the min and max
- Average hourly and daily soil temperature and moisture from 10cm down to 200cm

Unique Benefits to the Research Science Community

In collaboration with Iteris ClearAg, a provider of aggregate compiled weather and agriculture-related data, GDM developed within ARM an interface to easily import ClearAg weather data into ARM trials.

- Seamlessly access global current and forecast weather, historical and climatological data, and current and forecast soil conditions, for any field trial, anywhere on the globe (based on gps location)
- Improve decisions by more effectively correlating environmental conditions with product performance
- Backfill missing environmental data to complete trial documentation and satisfy Sponsor requirements

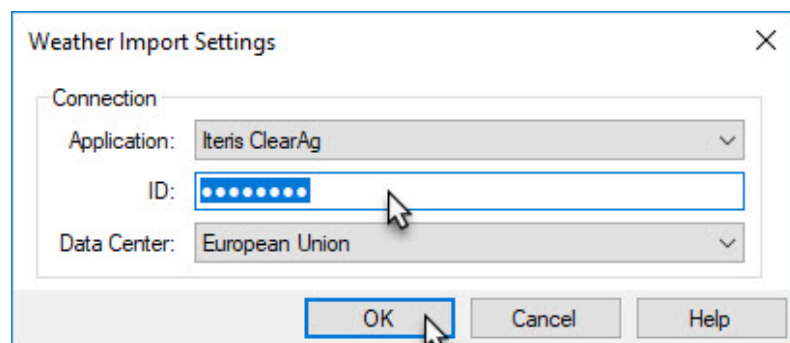
How it works:

Step 1: Complete the required information to subscribe to ClearAg Weather Data at <http://info.clearag.com/ARMinfo.html>

Step 2: Once your information is submitted, an Iteris representative will contact you within 24 hours to answer any questions and provide you with a service agreement. Please review, sign and return the agreement to the email contact provided. Once counter-signed, you will receive a unique ID

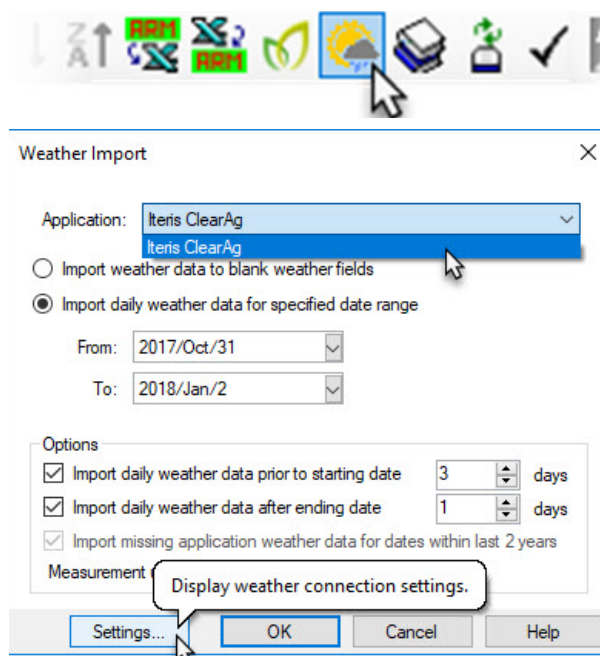
Step 3: Right click > Import current weather” or click on the icon:

Step 4: Insert your unique ID provided by Iteris here. Select “Iteris ClearAg” from the Application dropdown, and click on the Settings Button. Then click OK.



The 'Weather Import Settings' dialog box contains the following fields and controls:

- Connection** section:
 - Application: Iteris ClearAg (dropdown menu)
 - ID: [Redacted] (text field)
 - Data Center: European Union (dropdown menu)
- Buttons: OK, Cancel, Help



The 'Weather Import' dialog box contains the following fields and controls:

- Application: Iteris ClearAg (dropdown menu)
- Radio buttons:
 - ☐ Import weather data to blank weather fields
 - ☒ Import daily weather data for specified date range
- Date range:
 - From: 2017/Oct/31 (calendar icon)
 - To: 2018/Jan/2 (calendar icon)
- Options section:
 - ☒ Import daily weather data prior to starting date [3] days
 - ☒ Import daily weather data after ending date [1] days
 - ☒ Import missing application weather data for dates within last 2 years
- Measurement: [Redacted] (dropdown menu)
- Buttons: Settings..., OK, Cancel, Help

Step 5: Enjoy weather records stored within specific ARM trials

Moisture				30Y		Min	Max	Avg	Temp	30Y	30Y	30Y	
Total	Unit	Type		Precipitation	Unit	Temp	Temp	Temp	Unit	Min Temp	Max Temp	Avg Temp	Unit
0.4	mm	RAIN		1.3	mm	17	29	22	C	13	23	18	C
17.4	mm	RAIN		1.4	mm	16	24	19	C	13	22	17	C

Min	Max	Avg		% Cloud	Avg Shortwave		Avg		0-10 cm Scaled	0-200 cm Scaled
Wind	Wind	Wind	Unit	Cover	Radiation	Unit	Soil Temp	Unit	Soil Moisture	Soil Moisture
1	14	6	kph	58	143	W/m2	24	C	0.08	0.34
2	21	10	kph	62	152	W/m2	21	C	0.49	0.39

Complete the information on the ARM Information Page and we will contact you within 24 hours:
<http://info.clearag.com/ARMinfo.html>