MY SOIL CLASSIFICATION™

Soil Classification is the physical investigation of soils in order to classify it according to the relevant country's taxonomic system.

Provides information on soil physical conditions:

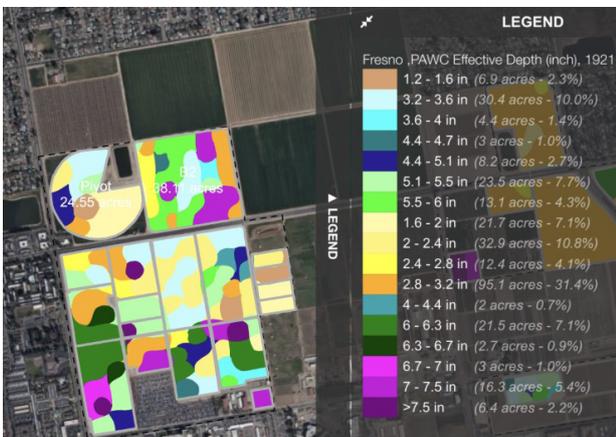## My Soil Classification™ allows you to:

Different crop types, cultivars and root stocks differ in their preference and tolerance for different:

- Soil types
- Soil structure and water holding capacity
- Soil depth and restricting layers
- Soil structure

- Map entire areas to gain additional insights, necessary for crop production.
- Identify the most suitable crop for the soil type.
- Identify high potential as well as challenging areas.
- Find solutions for areas and execute the best management to minimize risk and improve yield.
- Identify different irrigation zones.
- Determine cultivation type and cultivation depth.
- Identify limiting layer type and depth.

MY SOIL CLASSIFICATION™ MAP

LEGEND

Fresno ,PAWC Effective Depth (inch), 1921 -

Range	Detail
1.2 - 1.6 in	(6.9 acres - 2.3%)
3.2 - 3.6 in	(30.4 acres - 10.0%)
3.6 - 4 in	(4.4 acres - 1.4%)
4.4 - 4.7 in	(3 acres - 1.0%)
4.4 - 5.1 in	(8.2 acres - 2.7%)
5.1 - 5.5 in	(23.5 acres - 7.7%)
5.5 - 6 in	(13.1 acres - 4.3%)
1.6 - 2 in	(21.7 acres - 7.1%)
2 - 2.4 in	(32.9 acres - 10.8%)
2.4 - 2.8 in	(12.4 acres - 4.1%)
2.8 - 3.2 in	(95.1 acres - 31.4%)
4 - 4.4 in	(2 acres - 0.7%)
6 - 6.3 in	(21.5 acres - 7.1%)
6.3 - 6.7 in	(2.7 acres - 0.9%)
6.7 - 7 in	(3 acres - 1.0%)
7 - 7.5 in	(16.3 acres - 5.4%)
>7.5 in	(6.4 acres - 2.2%)

This map example refers to PAWC (Plant available water holding capacity).

All tests mentioned above can be integrated on

MY FARM WEB

Agri Technovation
Specialized to succeed

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ITEST™ SOIL

Soil chemistry provides answers to producers' soil nutrient status opportunities and risks, before the start of a season. Conducting precision-based soil chemical analysis on a pro-active basis, also identifies specific areas where certain nutrient corrections need to be done.

The fieldwork for soil chemical mapping involves taking geo-referenced soil samples on a grid. Samples are taken by a field technician with an accurate GPS device, on existing or planned orchards and fields. **SUBSURFACE SAMPLES ARE TAKEN.** All samples are sent to a laboratory for a standard soil analysis. The laboratory results are processed and transformed to GIS maps.

Soil chemical maps contain approximately 30 individual maps and include variable rate nutrient recommendations.

Prices include fieldwork (sampling) by a qualified Agri Technovation field technician, analyses costs, data processing, laminated maps and an electronic copy of the maps.

ITEST™ SOIL MAP EXAMPLE
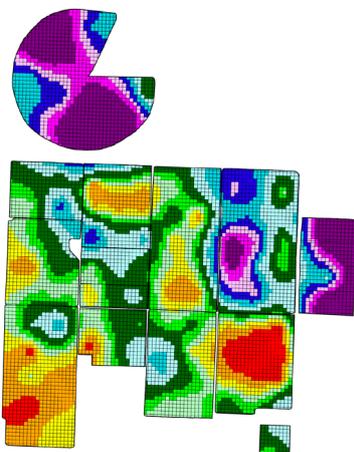
Date: Jul 27, 2018
Location: Fresno Co., California, U.S.
Farm Name: Fresno_Chemie

Total Acres: 159.49
Field Boundary Start Location:
Latitude: 36.81601598
Longitude: -119.74614749
No. of Observations: 7137
Minimum P_bray1: 4
Maximum P_bray1: 142
Average P_bray1: 44

All tests mentioned above can be integrated on

MY FARM WEB

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