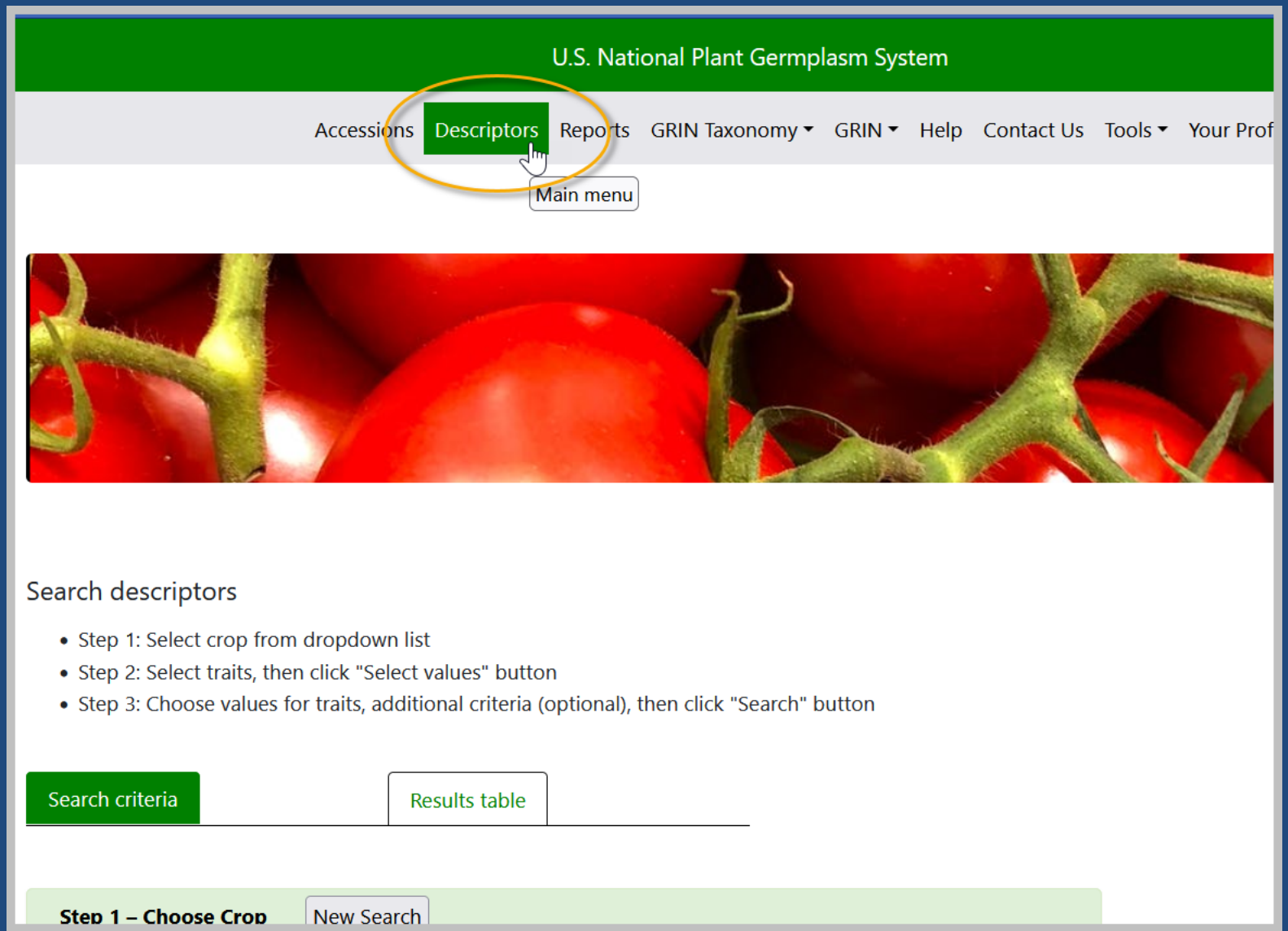
Observations

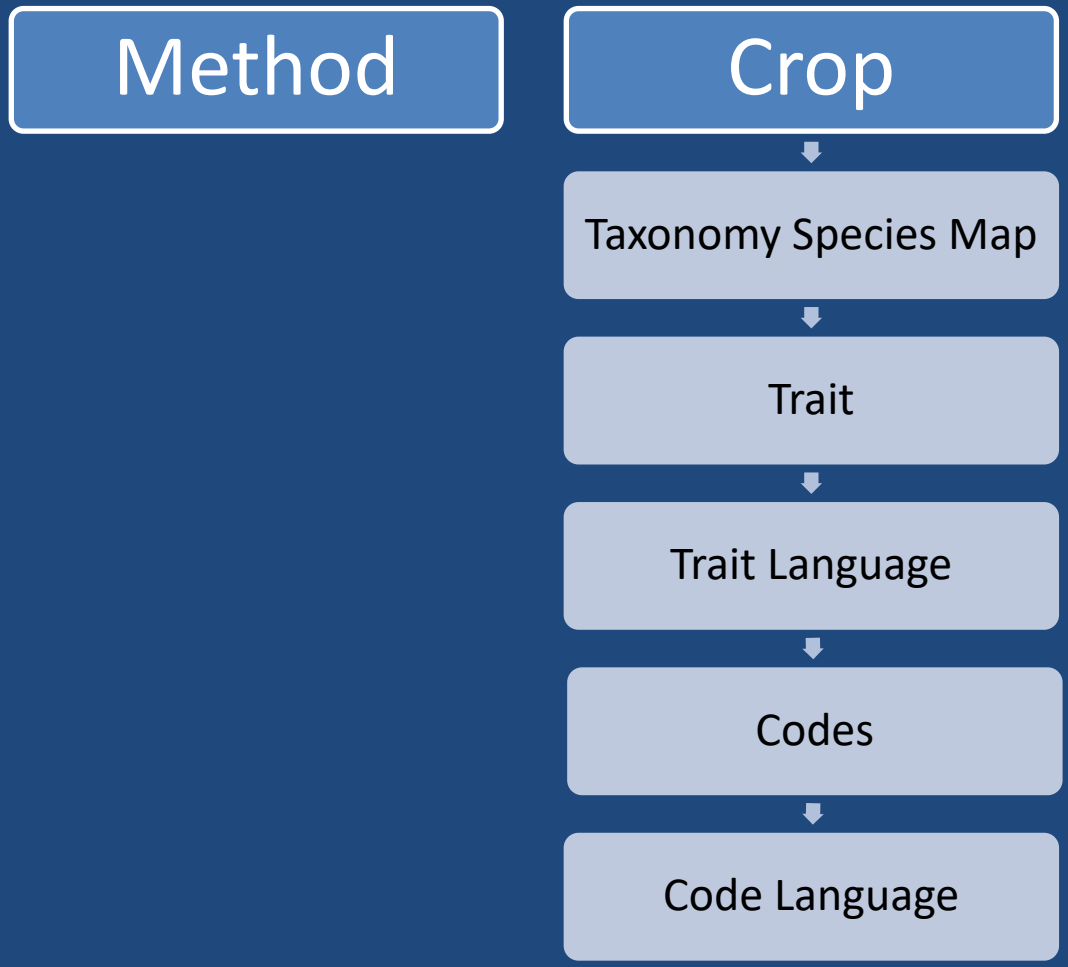
Crops & Traits
"Descriptors"

PW: Descriptor Page

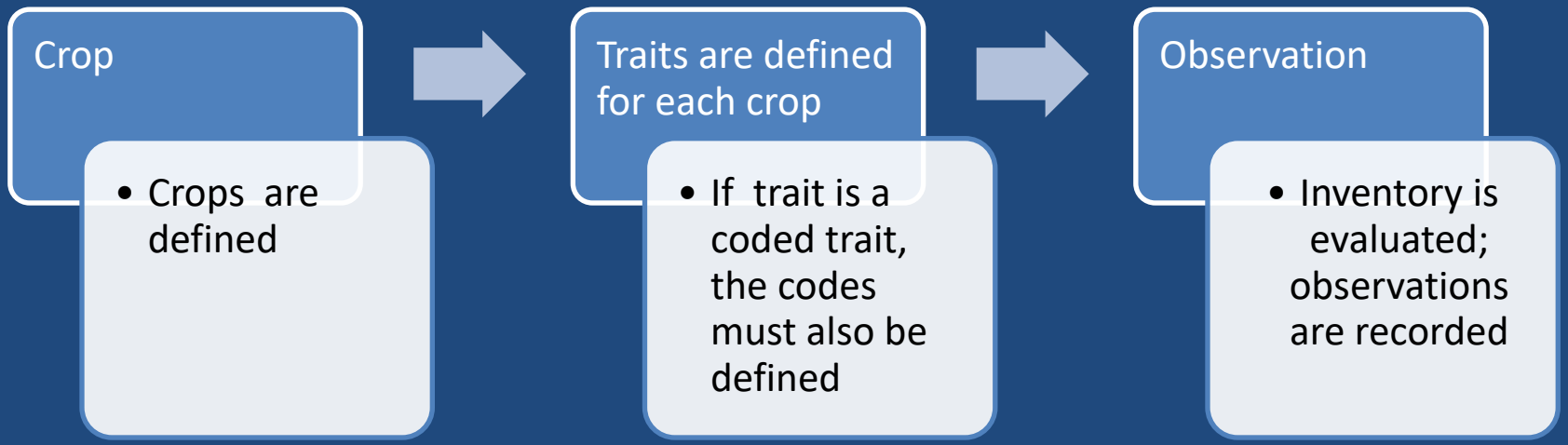


Demo Crop Page

Before adding any observation



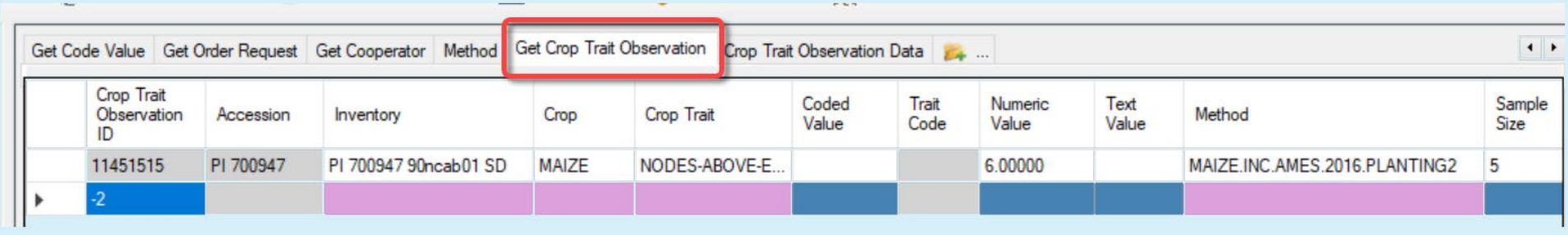
General Workflow



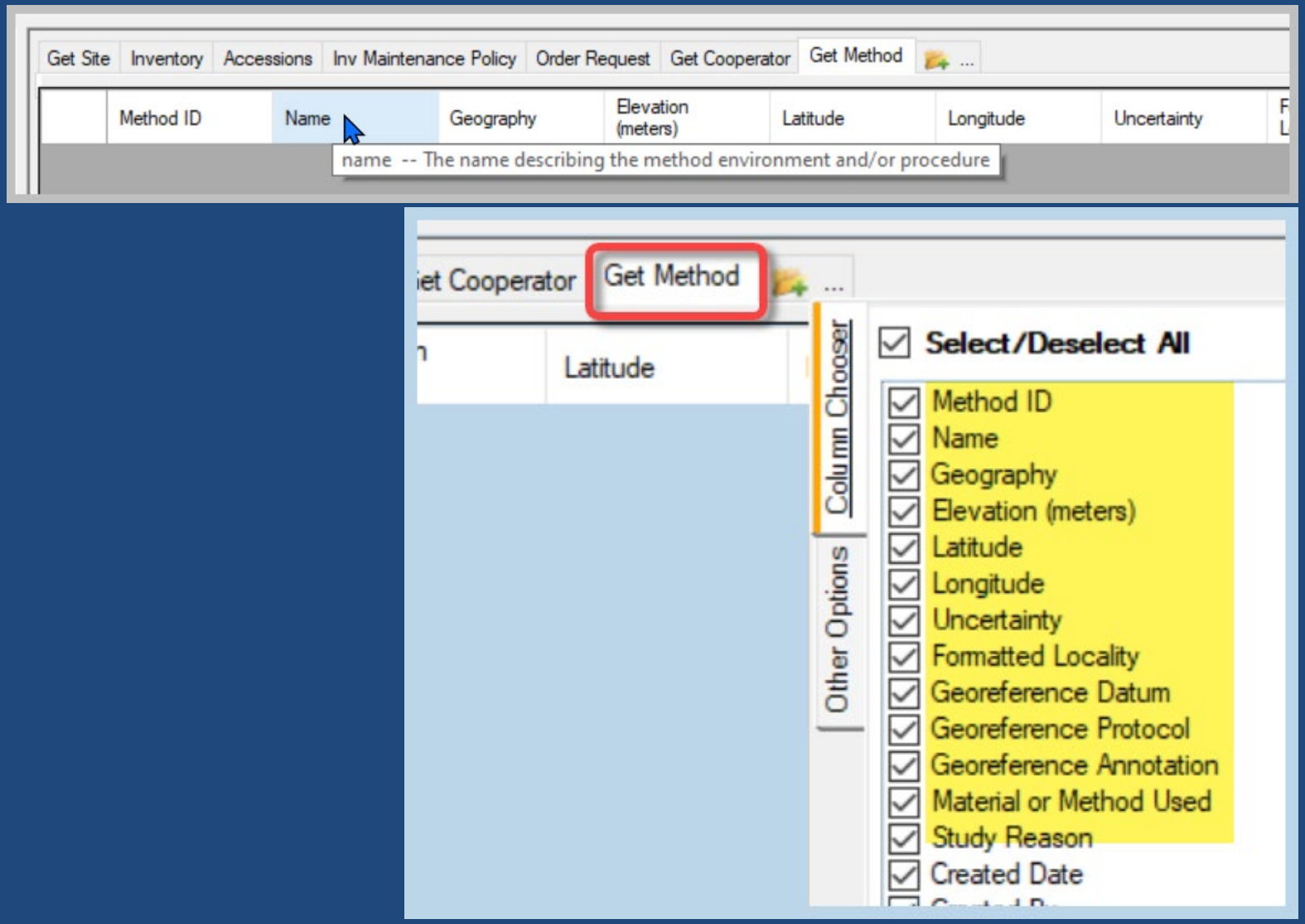
Recording New Observations

You need to know …

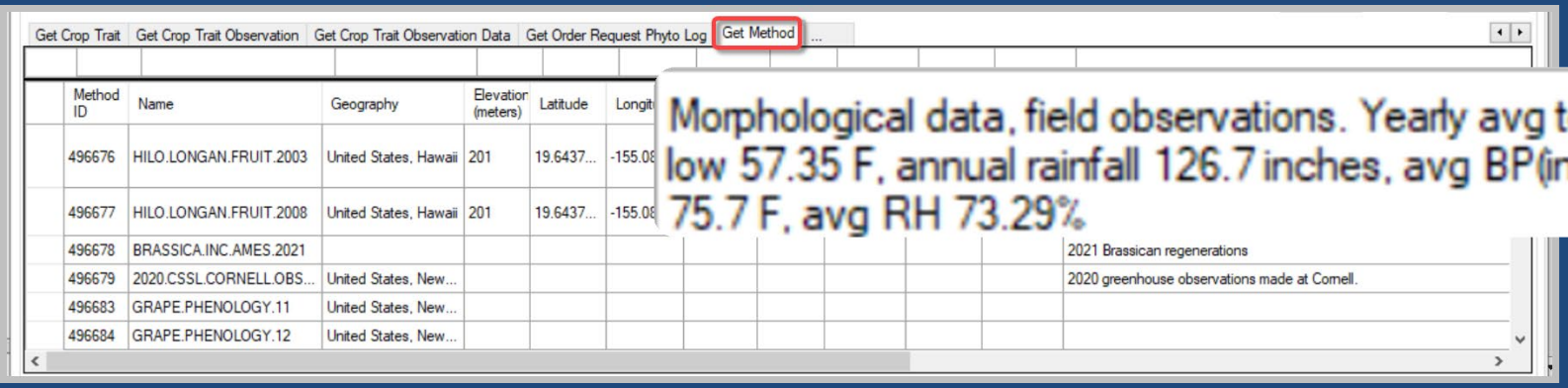
- *the method being followed*
- *Inventory*
- *type* of data being recorded
  what does the trait *expect:*
  text, numeric, or coded values?



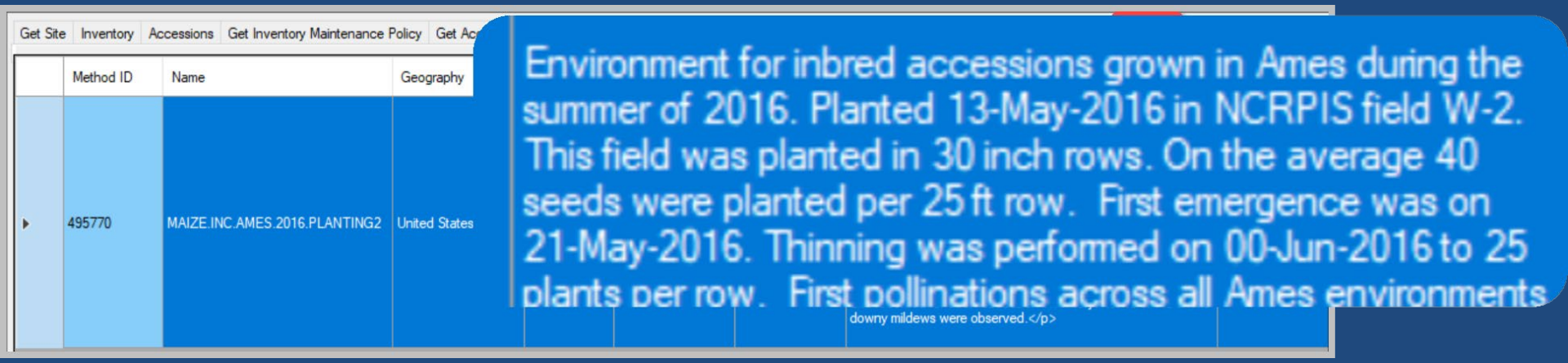
Method


Get Site
Inventory
Accessions
Inv Maintenance Policy
Order Request
Get Cooperator
Get Method
Method ID
Name
Geography
Elevation (meters)
Latitude
Longitude
Uncertainty
name -- The name describing the method environment and/or procedure
Get Cooperator
Get Method
Latitude
Column Chooser
Other Options
Select/Deselect All
Method ID
Name
Geography
Elevation (meters)
Latitude
Longitude
Uncertainty
Formatted Locality
Georeference Datum
Georeference Protocol
Georeference Annotation
Material or Method Used
Study Reason
Created Date

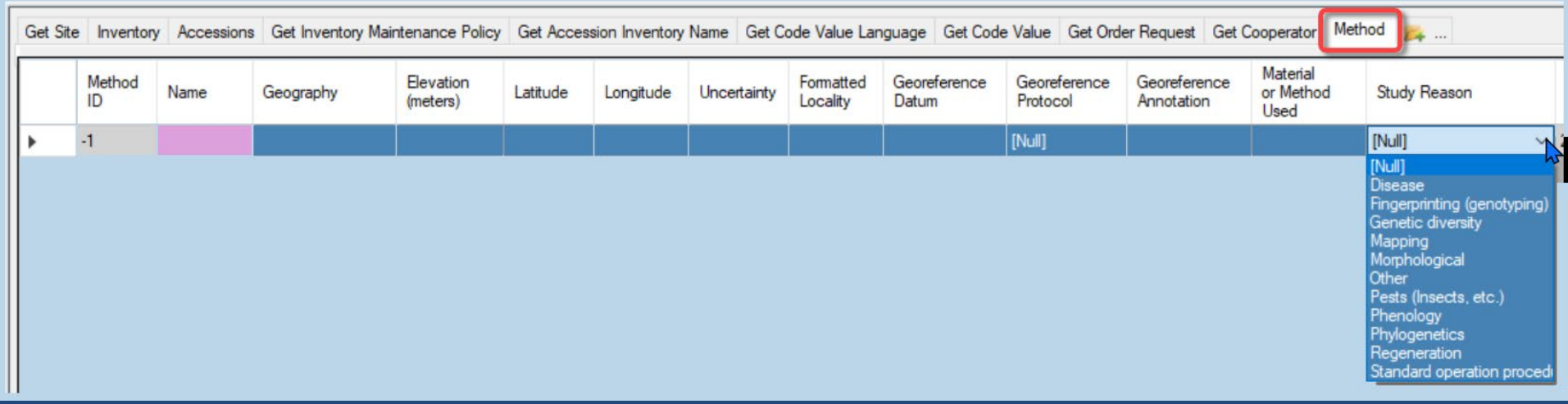
Method Examples



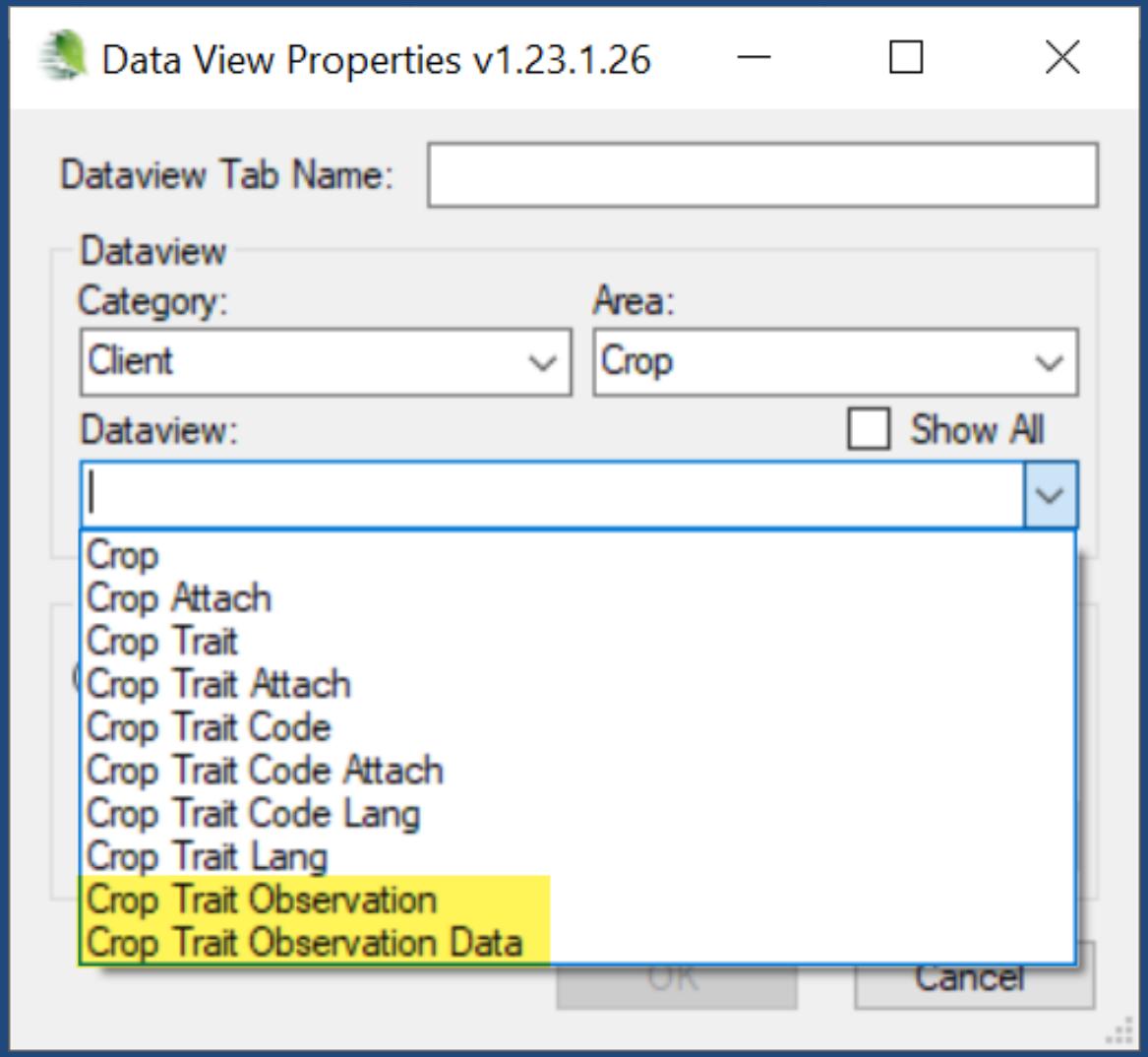
Method Examples



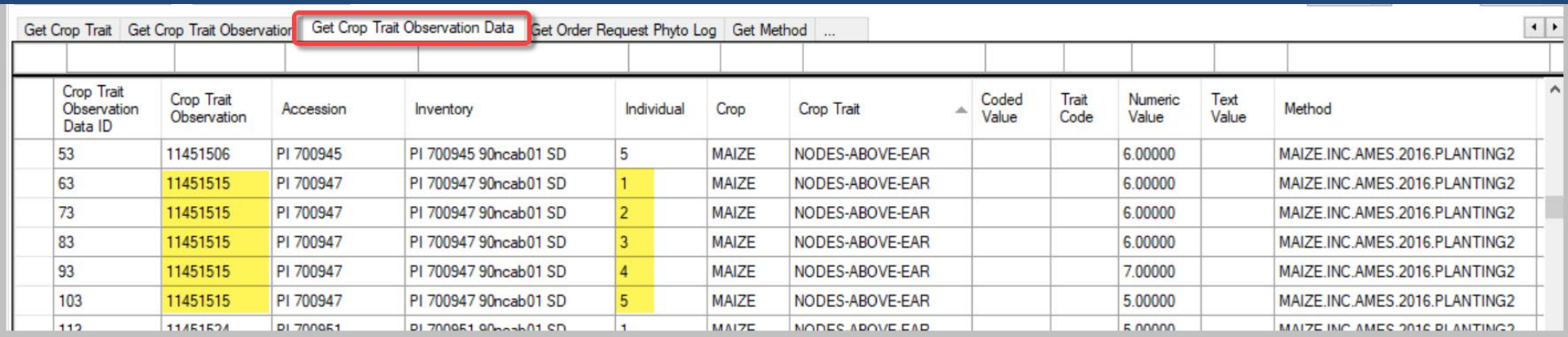
Method – What's Required?



Why 2 Crop “obs” Tables?

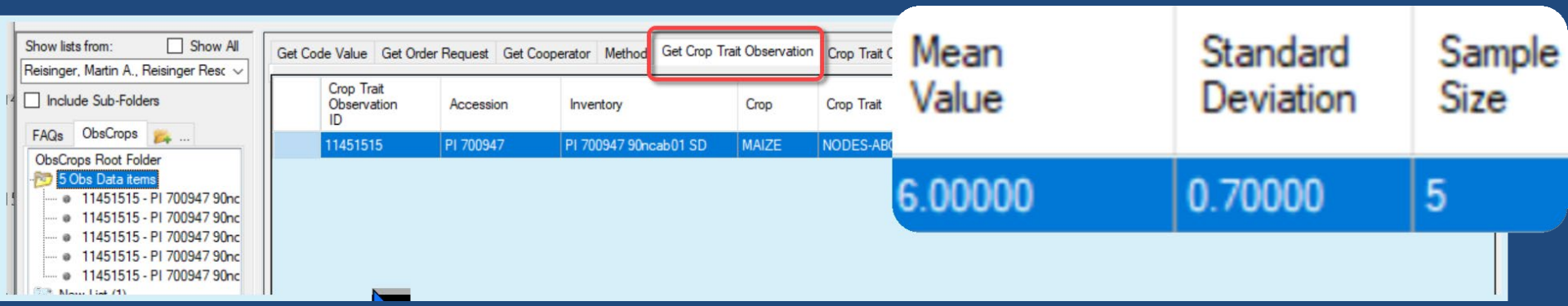


Crop Trait Observation *Data*



Crop Trait Observation Data ID	Crop Trait Observation	Accession	Inventory	Individual	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value	Text Value	Method
53	11451506	PI 700945	PI 700945 90ncab01 SD	5	MAIZE	NODES-ABOVE-EAR			6.00000		MAIZE.INC.AMES.2016.PLANTING2
63	11451515	PI 700947	PI 700947 90ncab01 SD	1	MAIZE	NODES-ABOVE-EAR			6.00000		MAIZE.INC.AMES.2016.PLANTING2
73	11451515	PI 700947	PI 700947 90ncab01 SD	2	MAIZE	NODES-ABOVE-EAR			6.00000		MAIZE.INC.AMES.2016.PLANTING2
83	11451515	PI 700947	PI 700947 90ncab01 SD	3	MAIZE	NODES-ABOVE-EAR			6.00000		MAIZE.INC.AMES.2016.PLANTING2
93	11451515	PI 700947	PI 700947 90ncab01 SD	4	MAIZE	NODES-ABOVE-EAR			7.00000		MAIZE.INC.AMES.2016.PLANTING2
103	11451515	PI 700947	PI 700947 90ncab01 SD	5	MAIZE	NODES-ABOVE-EAR			5.00000		MAIZE.INC.AMES.2016.PLANTING2
113	11451524	PI 700951	PI 700951 90ncab01 SD	1	MAIZE	NODES-ABOVE-EAR			5.00000		MAIZE.INC.AMES.2016.PLANTING2

Crop Trait Observation (*summary*)

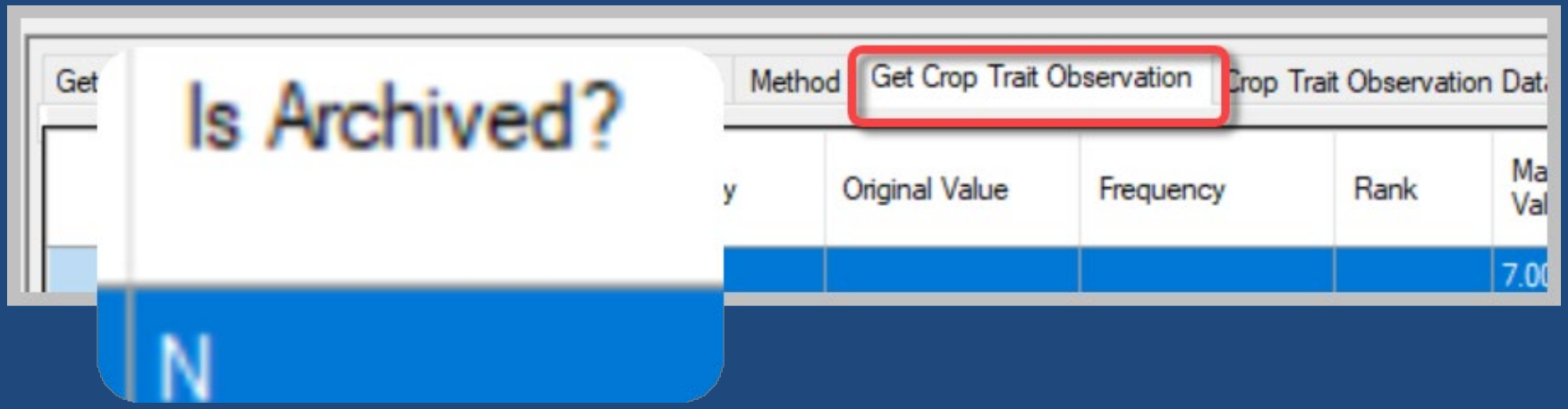


Quiz!

- What observation (“obs”) table does the PW use?

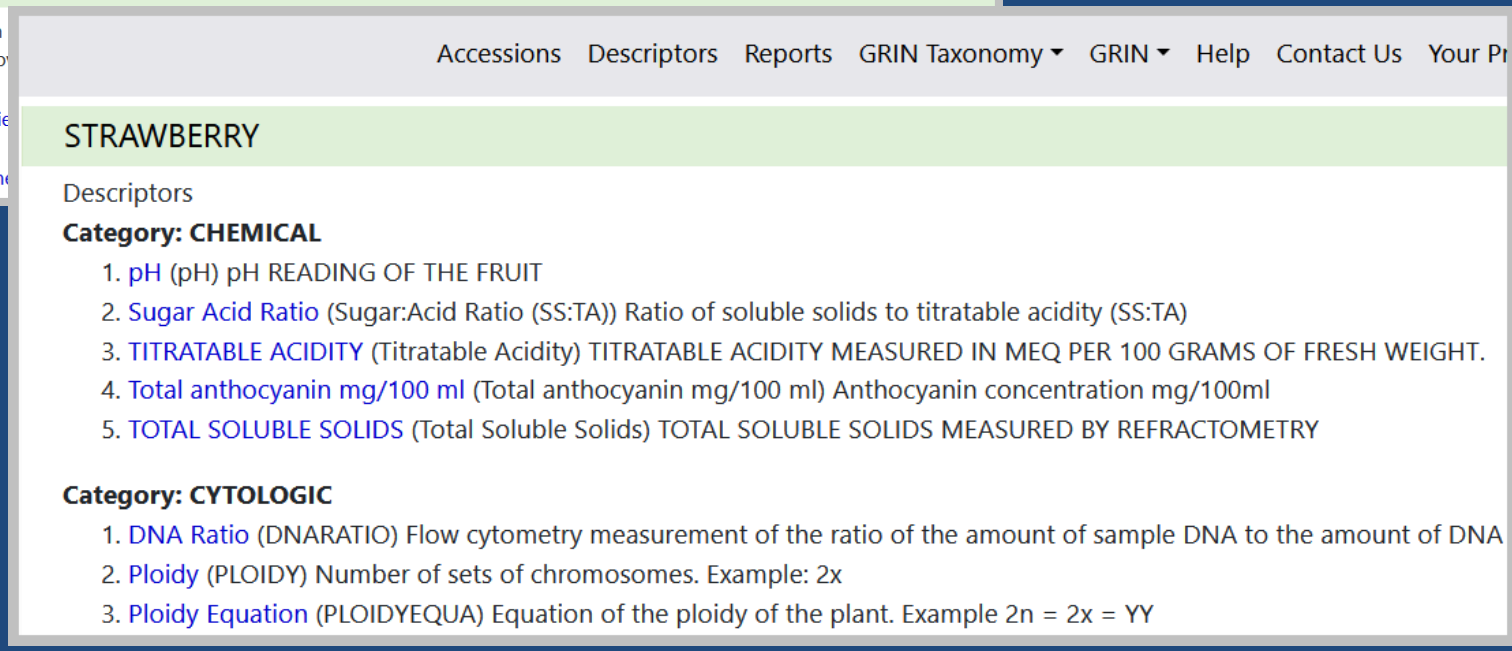
Quiz!

- What does the **Is Archived?** field signify?



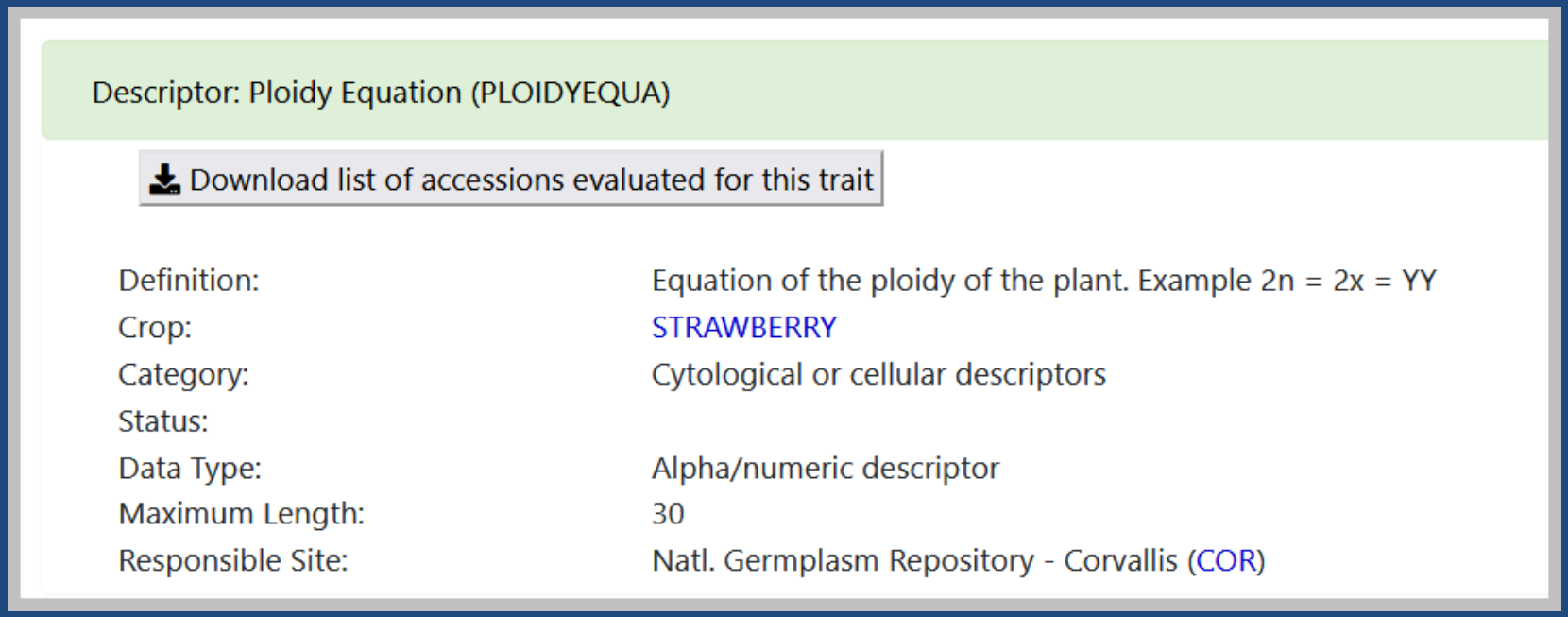
Learning about Descriptors

PW is a good place to start…



Learning about Descriptors

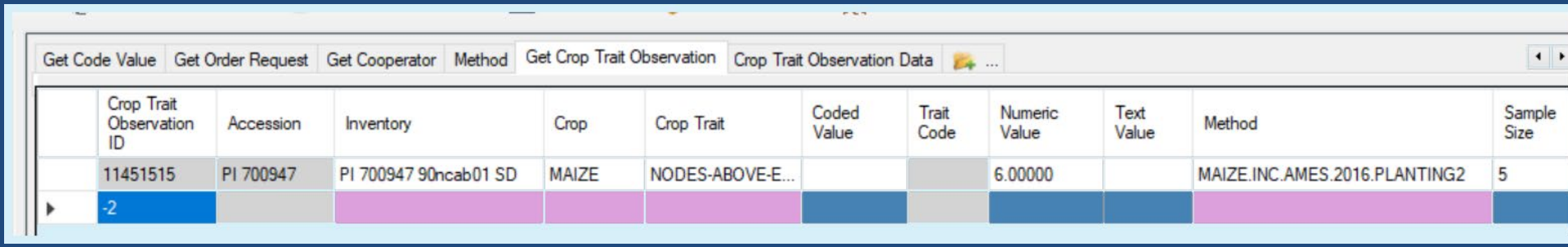
PW is a good place to start…



3 Types of values

- *type* of data being recorded (what does the trait *expect:*

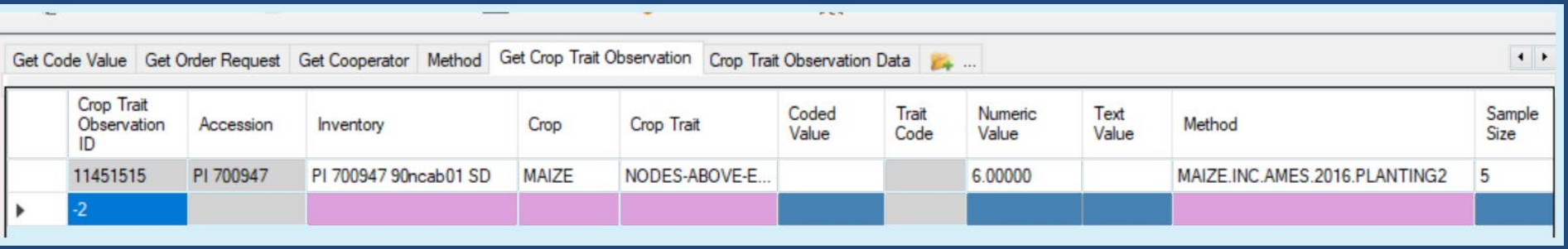
  (text, numeric, or coded)



	Crop Trait Observation ID	Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value	Text Value	Method	Sample Size
	11451515	PI 700947	PI 700947 90ncab01 SD	MAIZE	NODES-ABOVE-E...			6.00000		MAIZE.INC.AMES.2016.PLANTING2	5
▶	-2										

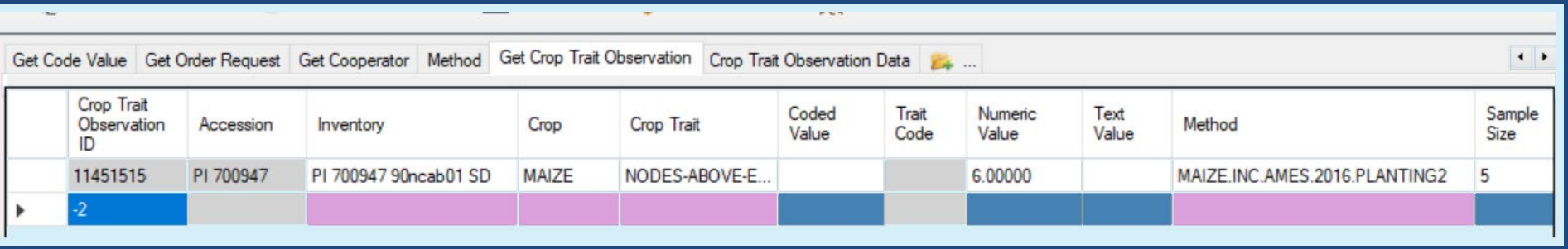
Quiz!

- Is a value required?



Quiz!

- Which value?



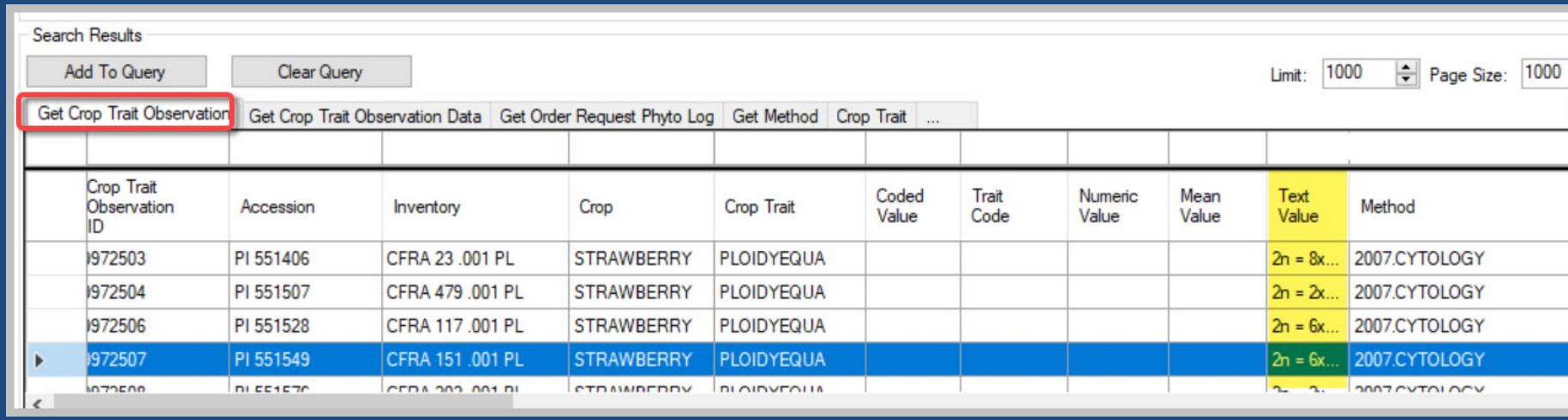
Get Code Value | Get Order Request | Get Cooperator | Method | Get Crop Trait Observation | Crop Trait Observation Data | ...

	Crop Trait Observation ID	Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value	Text Value	Method	Sample Size
	11451515	PI 700947	PI 700947 90ncab01 SD	MAIZE	NODES-ABOVE-E...			6.00000		MAIZE.INC.AMES.2016.PLANTING2	5
▶	-2										

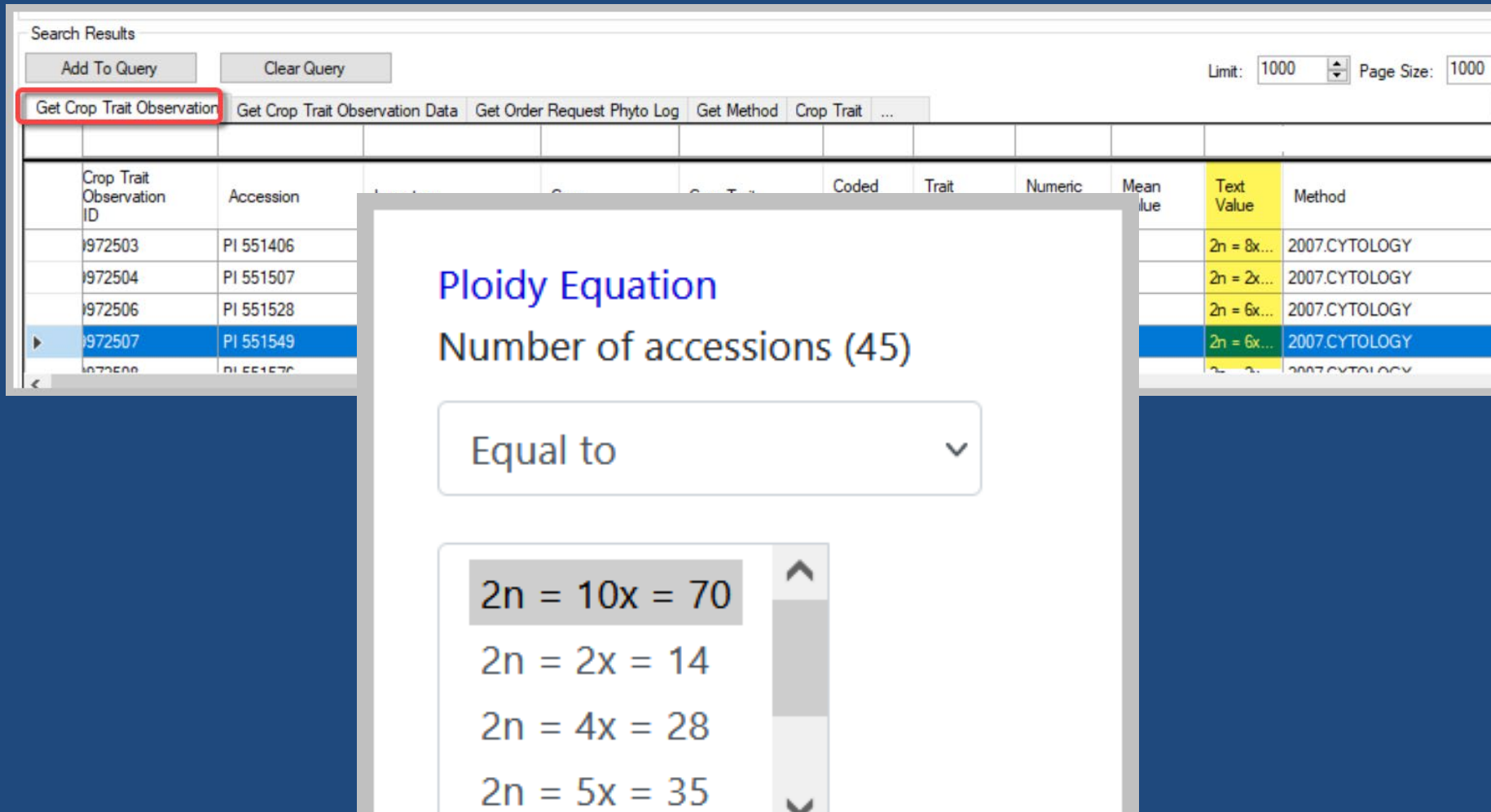
Text values

Example: Strawberries: Ploidy Equation

Text: Strawberries: Ploidy Equation

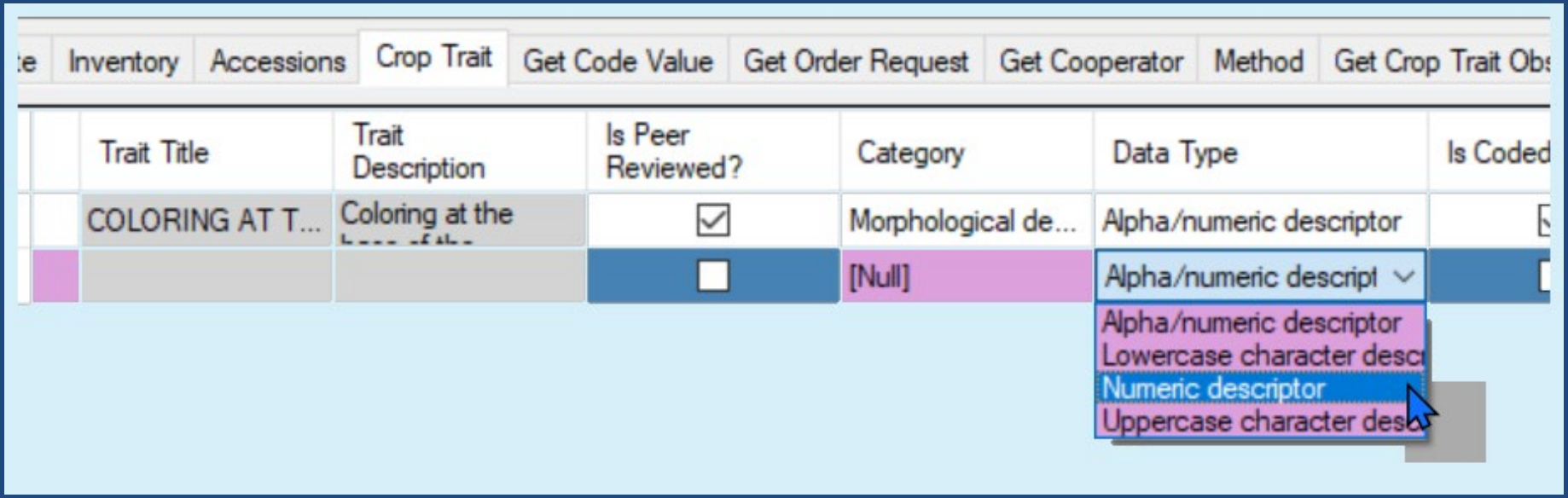


Text: Strawberries: Ploidy Equation

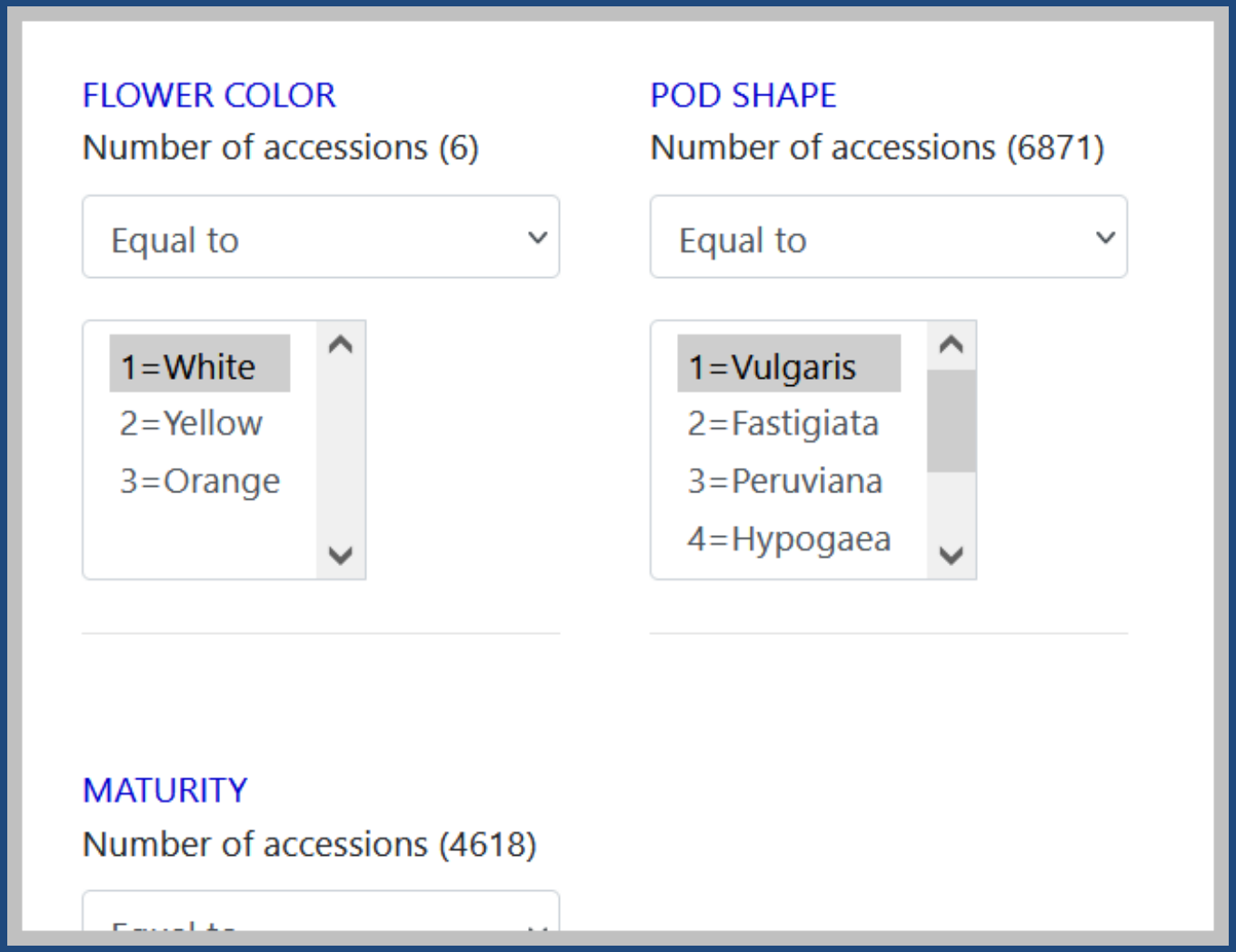


Numeric values

- The Data Type must use "*Numeric descriptor*"



Coded Traits (example)



… to be continued …