



Become a USTN Member! Tester or Location Manager

For more information contact USTN Coordinator:
Practical Famers of Iowa

Coordinator Chris Wilbeck 515.229.6988
chris.ustn@practicalfarmers.org

Advisor Sarah Carlson 515.232.5661
sarah@practicalfarmers.org

How to Join

1. Sign Testing Agreement (Jan/Feb)

USTN Germplasm, Testing and Data Agreement

Note: You must sign an agreement every year you participate.

Seed Supplier = Submits seed to test

Has proper license to test seed & share data within USTN

Submits letter w/seed going to organic tests certifying/confirming that seed is untreated and not GMO

Location Manager = Manages test plots

Will not breed, self, sib or manipulate corn

Will not distribute seed to 3rd party

Coordinator = Administers testing & data distribution (PFI)

All =

Will not share test data outside of USTN, except in reports distributed for “external” or “public” use

2. Pay for participation

Seed Supplier pays = per test entry (to PFI)

UNIQUE: *YOU decide how many entries you submit.*

AND, you get data for everyone's entries across ALL TESTS.

PFI directs payment to:

Location Manager (plot management fee)= per test plot

PFI (coordinator+administration fee) = per test plot

UNIQUE: *You can be BOTH a Seed Supplier AND Location Manager to offset costs, if desired.*

UNIQUE: *PFI handles the coordination of the tests, including invoicing to both SS & LMs.*

3. Support USTN

Sponsor donates = lump sum based on company revenue

Pays for recruiting, marketing costs, program enhancements

4. Receive Instructions (March)

USTN File:

USTN # assigned per entry per test

Instructions for participation:

when/where ship seed (directly to locations)

how to label seed packets

how to code pedigrees

how to handle late seed

data needed, file formats

when files are due, etc.

Payment estimates:

Seed Supplier costs

Location Manager payments

USTN File - To Complete (fictional ex)

USTN#	Test	Breeder	Hybrid	Pedigree	Seed TRT	RM	Stature	Native Traits	GMO Traits	Publish	Top 3
64	EC1	AL									
65	EC1	AL									
66	EC1	AL									
67	EC1	AL									
75	EC2	AL									
76	EC2	AL									
77	EC2	AL									
78	EC2	AL									
89	EC3	AL									
90	EC3	AL									
91	EC3	AL									
92	EC3	AL									
102	EC4E	AL									
103	EC4E	AL									
104	EC4E	AL									
105	EC4E	AL									
116	EC5	AL									
117	EC5	AL									
118	EC5	AL									
119	EC5	AL									

Each Seed Supplier is given:

1. USTN # for each test entry

2. Unique code: for organization name
 AL = Albert Lea for pedigree coding
 10 = Albert Lea

*your organization's testing number is

10

5. Supply Data (June and After Harvest)

Seed Supplier:

Seed File: due June
hybrid & coded pedigree assigned to each USTN
includes seed treatment, traits, RM, etc

Location Manager:

Randomization File: due June

Data File: due immediately after harvest

Seed File (fictional ex)

organization's testing code = 33 coded public pedigree= 09

USTN#	Test	Breeder	Hybrid	Pedigree	Seed TRT	RM	Stature	Native Traits	GMO Traits	Publish	Top 3
105	EC1	CAW	C536-07	09188x09102	Maxium	86	Tall		GT	public	yes
106	EC1	CAW	C23-07	33121x09141	Maxium	92	Short		GTCBLL	USTN	yes
107	EC1	CAW	C4300-07	33122x33123	Maxium	92	Average	white	NONE	public	yes

Commercial x Commercial

Commercial x Proprietary

Proprietary x Proprietary

UNIQUE:
coded pedigrees to allow for
comparisons

Randomization File (fictional ex)

TEST	LOCATION	USTN #	FILLER	REPLICATE	PLOT#	RANGE	PASS	DATEPLANTED	TOTPLOTLENGTH	ROWSPACIN	#SEED	#ROWS
EC4W	Riphey	120	NO	1	1	1	1	5/15/2018	17.5	30	45	4
EC4W	Riphey	121	NO	1	2	1	3	5/15/2018	17.5	30	45	4
EC4W	Riphey	122	YES	1	3	1	5	5/15/2018	17.5	30	45	4
EC4W	Riphey	123	NO	1	4	1	7	5/15/2018	17.5	30	45	4
EC4W	Riphey	130	NO	1	5	1	9	5/15/2018	17.5	30	45	4
EC4W	Riphey	131	NO	1	6	1	11	5/15/2018	17.5	30	45	4
EC4W	Riphey	132	NO	1	7	1	13	5/15/2018	17.5	30	45	4
EC4W	Riphey	133	NO	1	8	1	15	5/15/2018	17.5	30	45	4
EC4W	Riphey	147	NO	1	9	1	17	5/15/2018	17.5	30	45	4
EC4W	Riphey	120	NO	2	18	2	17	5/15/2018	17.5	30	45	4
EC4W	Riphey	121	NO	2	17	2	15	5/15/2018	17.5	30	45	4
EC4W	Riphey	122	NO	2	16	2	13	5/15/2018	17.5	30	45	4
EC4W	Riphey	123	NO	2	15	2	11	5/15/2018	17.5	30	45	4
EC4W	Riphey	130	NO	2	14	2	9	5/15/2018	17.5	30	45	4
EC4W	Riphey	131	NO	2	13	2	7	5/15/2018	17.5	30	45	4
EC4W	Riphey	132	NO	2	12	2	5	5/15/2018	17.5	30	45	4
EC4W	Riphey	133	NO	2	11	2	3	5/15/2018	17.5	30	45	4
EC4W	Riphey	147	NO	2	10	2	1	5/15/2018	17.5	30	45	4



If test seed not planted due to late seed, etc = YES

Data File

Required:

- Test (EC1, EC2, etc)
- Location (city)
- Replicate (1 or 2)
- Plot#
- Range
- Pass
- #Rows Harvested
- Plot Length Harvested
- Date Harvested
- Weight (lbs/plot)
- Moisture (%)
- Stand Count (# plants/plot)
- Root Lodge (# plants/plot)
- Stalk Lodge (# plants/plot)

Optional:

- Test Weight (lbs/bu)
- Green Snap (# plants/plot)
- Plant Height (inches)
- Ear Height (inches)
- Mid Pollen Date
- Mid Silk Date
- Population
- Comments
- Discard

6. Receive USTN Data Summary (Dec)

*Example file
available upon request*

2019 Timeline

JAN = Submit Locations for Tests (LM) due 1/15/19

FEB = Locations Selected & Call for Entries 2/1/19

MAR= Submit Entries & Check Offers (SS) due 3/1/19

APR= Ship Seed to Locations (SS)

**JUN = Seed Entry Files (SS) due 6/15/19
Field Randomization Files (LM) due 6/15/19**

After

Harvest= Data Files (LM): due immediately after harvest

NOV= Raw Data & Test Summaries distributed as available

**DEC= USTN Data Summary Recaps (@ ASTA mid Dec)
Final Invoices Emailed after ASTA meeting
Payment due to Location Managers**

JAN= SS Payment due to PFI