

## Two way SMS ICT syntax sheet

This is the syntax sheet explaining the details of the text messages accepted by the forms on Formhub. This is based on the assumption that the one time information like the name of the farmer, contact number etc will be taken during the registration and a unique Id would be assigned to every registered farmer.

Note: Updates are to be sent to **+919212148888**. Keywords and sub-keywords are case independent. Please deactivate your number from National Do-Not-Call registry by sending STOP 0 to 1909.

### 1. Pre-Irrigation details

If control and treatment plots are irrigated

CIPT PREIRG \*0 0001 \*1 04/09/2013 8.5 \*2 05/09/2013 8

A pre-irrigation update by farmer with unique ID 0001 who irrigated his control plot on 04/09/2013 for 8.5 hours and the treatment plot on 05/09/2013 for 8 hours.

If only control plot information

CIPT PREIRG \*0 0001 \*1 03/9/2013 6

Similarly, if only treatment plot irrigation

CIPT PREIRG \*0 0001 \*2 07/9/2013 7.75

To support the facility of sending the update on the day other than the date the message is sent, date is added as a part of information to be sent.

### 2. Sowing details

Farmer with unique id 0071 sowed 10.5 Kg of GW in his control plot on 04/09/2013 and 8 Kg of GW-11 in the treatment plot on 05/09/2013. The practice followed by the farmer was broadcasting.

CIPT SOW \*0 0071 br \*1 04/09/2013 10.5 GW-173 \*2 05/09/2013 8 GW-11

The messages can be sent for individual plot updates too.

CIPT SOW \*0 0071 ls \*1 04/09/2013 10.5 GW-496

CIPT SOW \*0 0071 ls \*2 05/09/2013 8 GW-11

### 3. Basal fertilizer details

The syntax of the basal fertilizer update is as following:

CIPT BASAL \*0 0345 7/9/2013 \*1 23.5 Urea \*2 25 Urea

In this update, the farmers notifies for the application of 23.5 Kg of Urea in Control plot and 25 Kg of Urea in treatment plot.

#### 4. Irrigation details

Irrigation update for irrigation for 8.5 hours with addition of 40 Kg of Urea in the control plot and 4 hours with addition of 41.5 Kg of Urea in the control plot on 7 September, 2013  
CIPT IRG \*0 0349 \*1 7/9/2013 8.5 40 Urea \*2 7/9/2013 4 41.5 Urea

Irrigation updates can be individual for either plots, or combined as the practices in the treatment plots would differ from practices in the control plots.

CIPT IRG \*0 0349 \*1 7/9/2013 7 22.5 DAP

CIPT IRG \*0 0349 \*2 7/9/2013 7 23.5 Urea

#### 5. Yield details

An update from the farmer reporting the yield of 40 Mann (1 Mann = 20 Kg) in the control plot with the harvesting date of 7/4/2014 and the income of Rs 25,000 and the yield of 42.5 Mann harvested on 3/4/2014 from the treatment plot with the income of 25,500

CIPT YLD \*0 0426 \*1 7/4/2014 40 25000 \*2 3/4/2014 42.5 25500

Similar to other forms, individual updates are also supported.

### Appendix

#### A. Response

The response messages are sent in local language.

Current response messages are:

1. When the message is in the correct format and is accepted by the corresponding form on Formhub:

તમારી માહિતી સ્વીકાર્ય છે। આભાર।

2. When the message is not in the expected format (parsing error):

તમે આપેલ માહિતી મા ભૂલ છે। માહિતિ સુધારી ફરી મોકલો અથવા દર્શાવેલ નંબર 9537675599 પર સંપર્ક કરો।  
આભાર।

3. Any other unexpected error:

હમણા તમારી માહિતી સ્વીકાર્ય નથી। થોડા સમય પછી પ્રયત્ન કરવા નમ્ર વિનંતી। આભાર।

Currently, the response messages are sent Gujarati, which could be extended to support other languages for other projects.

#### B. Wastebbox

We expect some messages in unexpected formats, and to help the users we keep a log of all the waste messages in the form called Wastebbox in the same Formhub account as the other form.

The wastebbox stores the number the message came from, the message itself, and the error message from Formhub. The data in this form could be used to address the specific part the farmer is not able to send correctly while troubleshooting.