Open Field Data collection – small to medium size projects

Date:

1. **Customer data：**

    a. Farm location：

    b. Farm name：

    c. Contact person and position：

    d. E-mail：

    e. Cell phone：

    f. WeChat/WhatsApp ID：

2. **Crop data：**

    a. Crop：

    b. Gross area in Mu/Hectare：

    c. If existing crop, indicate the planting date/year：

    d. Spacing between plant/seeds in meter：

    e. Spacing between rows in meters：

    f. For special and non-standard spacing, add a drawing．

    g. Row direction：

3. **Map requirements：**

    a. Attach a topographic map in scale 1:1000 – 1:2500．

    b. Topographic contour every 0.5m on sloppy land, 0.25m on flat land．

    c. Indicate by sketch or on the map the following：

    d. Water source locations．

    e. North direction．

    f. Planting direction．

    g. Obstacles in the field．

    h. In case of terrace plantation, indicate accurate spacing between plants and terraces．

4. Water requirements：

a. Add the climate are data from the local meteorological station .

b. Max. water requirement (mm/day)：

c. Max. water for plant per day:

5. Soil data：

a. Add soil a lab physical and chemical analysis .

b. Please take many pictures of the farm site and existing material & equipment .

c. % of Clay：

d. % of Sand：

e. % of Silt：

6. Water source: Reservoir/Well/River/Other .

a. Add lab report (physical & chemical) .

b. Stable capacity the water source could provide in m3/h：

7. **Climate data (recent 10 years)：**

a. Monthly Temperature：

b. Evaporation：

c. Humidity：

d. Rain fall：

e. Wind velocity：

8. Constraints about allowed irrigation time (we prefer to utilize 23 hours + 1 hour for Maintenance.

9. Special requirements (from the client's side), about irrigation emitter：

Take many pictures from the job site showing the field, water sources, equipment available on site, obstacles, etc…