

## **Fruit Growers Laboratory, Inc.** **Nitrogen Management Plan Instruction Worksheet**

Fruit Growers Laboratory, Inc. (FGL) has now automated the generation of Nitrogen Management Plans (NMP), in order to assist our grower and grower advisor clients with the General Orders for the Irrigated Lands Regulatory Program, approved on December 23, 2014.

### **a) To set you up in FGL's System..... a "one time" process.**

We will need to get your basic information into our system as follows: [This information will be entered in the blue sections of the worksheet attached.](#)

1. NMP Management Unit (i.e. the name of the block or the property that you will be reporting as one unit to your coalition)\*.
2. Coalition member ID number and the field, block or property identification. In addition please provide the APN (Assessor's Parcel Number) number or numbers that coincide with the field, block or property ID's covered by the management unit. We also require the total acreage contained in the management unit.
3. The name and address of the owner/ manager or person completing the form (if certification is necessary).
4. You should let us know which crop and, unless told otherwise, we will assume that the production units are pounds.

\*Please note that the NMP Management Unit will be selected based on fields or acreage that employ similar management practices and that use the same water source. Within that Management Unit, there may be one or more APN's made up of multiple fields within the property. Separate worksheets should be used for each Management Unit. Within each Management Unit, a composite soil sample should be collected for laboratory analysis which will be required for nitrogen credits.

We will require the above information only **ONE TIME** (for permanent crops) as it will be the same for this and all future seasons. For future seasons, FGL will provide blank worksheet/s with the client information (blue sections) already preprinted.

### **b) At the beginning of Each Season. This information will be entered in the green sections of the attached worksheet.**

This information is needed to provide pre-season nitrogen application planning.

1. We will require your projected yield for the year. \_
2. In the event that you plan to apply foliar nitrogen in the course of the season, we will also need to know how much you intend to apply.
3. We need to know the source of your irrigation water for this management unit and the number of acre feet you will apply this season.



**c) At the end of Each Season. This information will be entered in the orange sections of the attached worksheet which will be needed to generate the final report.**

1. We will require the actual yield for the season and the amount of nitrogen actually applied (both dry/liquid and foliar spray).

2. The amount of water (acre-feet) actually applied if different from the projected amount.

**d) What FGL will provide**

1. FGL will calculate the nitrogen credits from all available sources. This will be based on soil and irrigation water analysis. If you are a client of FGL, this will automatically be downloaded. If you are not a client, we will need you to provide this data in order to complete your nitrogen management plan.

2. FGL will provide the recommended rate of nitrogen needed per acre for the season.

3. Our resident Certified Crop Advisor (CCA) will review and sign each NMP worksheet.

*All information supplied by growers or grower advisors will be held in strict confidence*

November 25, 2015