**Crop Status**

There are only a few techies who are working on projects related to Agriculture. It is very important for us to contribute equally to different sectors when it is required all over the world. Though the old techniques of agriculture cannot be ignored, we need to think of adding innovative technology on top of them.

**Goal:** Given the dataset related to agriculture, you should be able to build a model that will classify the status of the existing crop by considering a set of parameters.

**Data Description:** Data is recorded by considering parameters related to crop when it is treated with toxicants(pesticides)

**Attribute Information:**

* **ID** - Unique number represents each record
* **Insects** - Average number of insects that (may) affect the crop.
* **Crop** - Type of crop [Food crop and Feed crop]
* **Soil** - Type of soil [Clay and silt]
* **Category\_of\_Toxicant** - Values 1, 2, 3 represent three different toxicants available in the market.
* **Does\_count** - Represents the dosage count of toxicants.
* **Number\_of\_Weeks\_Used** - Represents the number of weeks for which the crop remained toxicant.
* **Number\_Weeks\_does\_not\_used** - Represents the number of weeks that the toxicants are not used on the crop(No. of weeks crop remained without applying any toxicants.)
* **Season** - Represents the various seasons (Monsoon, etc.,)
* **Crop\_status** - ***0*** represents ‘Crop can be used further’, ***1*** represents ‘crop is damaged due to nature’, ***2*** represents ‘toxicants are responsible for crop damage’.

**Provided Files:**

**Training\_data**: Training Data consists of all the features which can be used for both training and model validation purposes.  
**Test\_data**: Testing Data consists of all attributes except the target variable.  
**Sample\_Submission**: This file is an example of how the solution file is to be created.

**Objective:** The objective of the problem is to predict the status of the crop that helps agriculture experts in their research. Any successful research would be grateful for multiple agriculture-based activities.