

In [1]:

```
import pandas as pd
import numpy as np
```

In [2]:

```
from keras.preprocessing.image import ImageDataGenerator
train_datagen = ImageDataGenerator(rescale = 1./255, shear_range = 0.2, horizontal_flip = True)
test_datagen = ImageDataGenerator(rescale = 1)
```

In [3]:

```
x_train = train_datagen.flow_from_directory(r'P:\IBM_Projects\Fertilizers_Recommendation_System\train')
x_test = test_datagen.flow_from_directory(r'P:\IBM_Projects\Fertilizers_Recommendation_System\test')
```

Found 5384 images belonging to 6 classes.
Found 1686 images belonging to 6 classes.

In []: