In [6]:
```
cd G:/
```

```
G:\
```

In [7]:
```
cd smart_bridge
```

```
G:\smart_bridge
```

In [8]:
```
cd plant-seedlings-classification
```

```
G:\smart_bridge\plant-seedlings-classification
```

In [1]:
```
from keras.models import load_model
from keras.preprocessing import image
import numpy as np
import cv2
```

```
Using TensorFlow backend.
```

In [3]:
```
model = load_model("agriculture.h5")
```

```
WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\keras\backend\tensorflow_backend.py:517: The name tf.placeholder is deprecated. Please use tf.compat.v1.placeholder instead.

WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\keras\backend\tensorflow_backend.py:4138: The name tf.random_uniform is deprecated. Please use tf.random.uniform instead.

WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\keras\backend\tensorflow_backend.py:3976: The name tf.nn.max_pool is deprecated. Please use tf.nn.max_pool2d instead.

WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\keras\backend\tensorflow_backend.py:174: The name tf.get_default_session is deprecated. Please use tf.compat.v1.get_default_session instead.

WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\keras\backend\tensorflow_backend.py:181: The name tf.ConfigProto is deprecated. Please use tf.compat.v1.ConfigProto instead.

WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\keras\backend\tensorflow_backend.py:186: The name tf.Session is deprecated. Please use tf.compat.v1.Session instead.

WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\keras\optimizers.py:790: The name tf.train.Optimizer is deprecated. Please use tf.compat.v1.train.Optimizer instead.

WARNING:tensorflow:From C:\Users\Admin\Anaconda3\lib\site-packages\tensorflow\python\ops\math_grad.py:1250: add_dispatch_support.<locals>.wrapper (from tensorflow.python.ops.array_ops) is deprecated and will be removed in a future version.
Instructions for updating:
Use tf.where in 2.0, which has the same broadcast rule as np.where
```

In [13]:
```
img = image.load_img(r'train\Black-grass\7b72b398d.png',target_size = (64,64))
```

In [16]:
```
import numpy as np
x = image.img_to_array(img)
x = np.expand_dims(x,axis=0)
```

In [17]:
```
x.shape
```

Out[17]:
```
(1, 64, 64, 3)
```

In [20]:
```
model.predict_classes(x)
```

Out[20]:
```
array([0], dtype=int64)
```

In [ ]:
```

```