In [84]:
```
import importlib

importlib.reload(m1)
importlib.reload(m2)
importlib.reload(m3)
```

Out[84]:
```
<module 'module3' from 'C:\\Users\\anube\\Downloads\\module3.py'>
```

MODULE 1 TEST

In [76]:
```
import module1 as m1
import module2 as m2
import module3 as m3
l=[]
m1.add_crop(l)
```

```
Enter the plant name: corn
Enter the sci_name: sweet corn
Enter the planting_date: 20-06-2023
Enter the expected_harvest_date: 20-06-2024
Crop 'corn' added successfully.
```

In [77]:
```
m1.add_crop(l)
```

```
Enter the plant name: chilli
Enter the sci_name: Capsicum frutescens
Enter the planting_date: 20-08-2023
Enter the expected_harvest_date: 19-02-2024
Crop 'chilli' added successfully.
```

In [78]:
```
l
```

Out[78]:
```
[{'name': 'corn',
  'sci_name': 'sweet corn',
  'planting_date': '20-06-2023',
  'expected_harvest_date': '20-06-2024'},
 {'name': 'chilli',
  'sci_name': 'Capsicum frutescens',
  'planting_date': '20-08-2023',
  'expected_harvest_date': '19-02-2024'}]
```

In [80]:
```
m1.update_crop(l)
```

```
Enter the plant name: chilli
Enter the harvest_status: good
Enter the actual_harvest_date: 20-02-2024
Enter the yield_amount: 60%
Details of crop 'chilli' updated successfully.
```

In [81]:
```
l
```

Out[81]:
```
[{'name': 'corn',
  'sci_name': 'sweet corn',
  'planting_date': '20-06-2023',
  'expected_harvest_date': '20-06-2024'},
 {'name': 'chilli',
  'sci_name': 'Capsicum frutescens',
  'planting_date': '20-08-2023',
  'expected_harvest_date': '19-02-2024'},
 {'name': 'chilli',
  'harvest_status': 'good',
  'actual_harvest_date': '20-02-2024',
  'yield_amount': '60%'}]
```

In [82]:
```
m1.remove_crop(l,'chilli')
```

```
Crop 'chilli' not found.
Crop 'chilli' removed successfully.
Crop 'chilli' not found.
```

In [83]:
```
l
```

Out[83]:
```
[{'name': 'corn',
  'sci_name': 'sweet corn',
  'planting_date': '20-06-2023',
  'expected_harvest_date': '20-06-2024'},
 {'name': 'chilli',
  'harvest_status': 'good',
  'actual_harvest_date': '20-02-2024',
  'yield_amount': '60%'}]
```

MODULE 2 TEST

In [47]:
```
l1=[]
m2.add_farm(l1)
m2.add_farm(l1)
```

```
Enter the name: Farm1
Enter the location: 'Mysuru'
Enter the acres: 2
Farm 'Farm1' added successfully.
Enter the name: Farm2
Enter the location: 'Mysuru'
Enter the acres: 3
Farm 'Farm2' added successfully.
```

In [48]:
```
l1
```

Out[48]:
```
[{'name': 'Farm1', 'location': "'Mysuru'", 'acres': '2'},
 {'name': 'Farm2', 'location': "'Mysuru'", 'acres': '3'}]
```

In [49]:
```
m2.update_farm(l1, 'Farm2' , 'Bengaluru', '5')
```

```
Details of farm 'Farm2' updated successfully.
```

In [50]:
```
l1
```

Out[50]:
```
[{'name': 'Farm1', 'location': "'Mysuru'", 'acres': '2'},
 {'name': 'Farm2', 'location': 'Bengaluru', 'acres': '5'}]
```

In [51]:
```
m2.list_farms(l1)
```

```
Name: Farm1, Location: 'Mysuru', Acres: 2 acres
Name: Farm2, Location: Bengaluru, Acres: 5 acres
```

MODULE 3 TEST

In [30]:
```
m3.timeofyield('corn')
```

```
The time for the yield from the present day is 2025-07-22 17:19:35.152985
```

In [62]:
```
planting_date = datetime(2024, 1, 1)
m3.calculate_crop_age(planting_date)
```

```
The crop is 203 days old.
```

In [75]:
```
last_watered_date=datetime(2024,7,28)
m3.check_watering_time(last_watered_date, 'corn')
```

```
It is not time to water
```

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [37]:

In [ ]:

In [ ]: