Algorithm that checks if a plant is plantable or not

Let p = number of plants
Let set r = set of planters
Let set s = set of plants

mergesort(r)

```
for i in s looping in reverse:
    boolean check = false;
    for j in r looping in reverse
        if check is false and j > i
            check is true
            j = i
    if check is false
        print("NO")
        exit loop.
print("Yes")
```

This works because we sort the plants & start at the end, then we check if theres a planter with a larger value, if not, we exit the loop & print NO

Runtime estimate: O(n log n)