Metrc API Bulletin

Bulletin Number: 066	**Distribution Date:** 04/23/2020	**Effective Date:** 5/1/2020 and 6/1/2020
Contact Point: api-info@metrc.com	**Subject:** Upcoming California Release and Configuration Changes	
Reason: To provide third party integrators with advance notice of an upcoming release and configuration changes that could impact their software.		

Greetings Metrc® Integration Providers,

We have an important update regarding configuration changes that impact the Metrc API program for the State of California.

Below is a summary of the changes that will take place on 5/1/2020:

- Licensees will be unable to create a new package without a source package.

- A new endpoint will be available to Cultivation licensees and Microbusinesses (authorized to engage in cultivation activities) to create packages of clones (cuttings and tissue cultures) from mother plants housed in plant batches.

- A new endpoint will be available to Cultivation licensees and Microbusinesses (authorized to engage in cultivation activities) to create packages of clones (cuttings and tissue cultures) from mother plants moved to the flowering phase.

- A new endpoint will be available to Cultivation licensees and Microbusinesses (authorized to engage in cultivation activities) to create a new plant batch from an existing plant batch.

Below is a summary of the changes that will take place on 6/1/2020:

- Licensees will be unable to create a new immature plant batch without a source plant or source package.
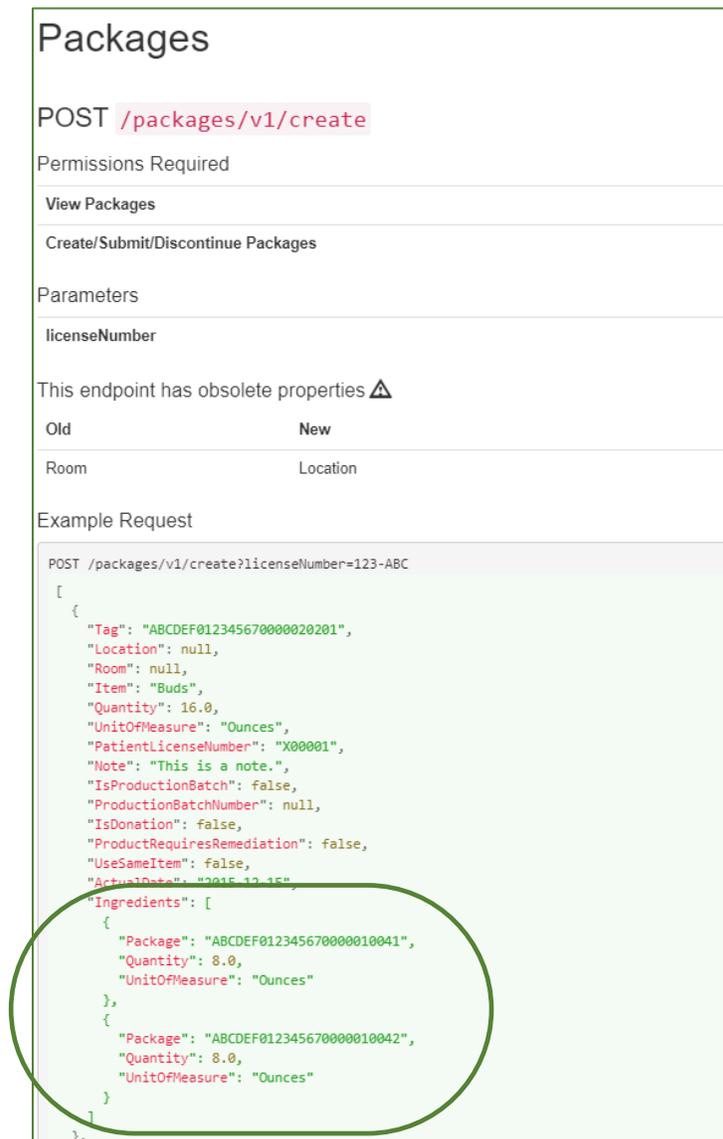
The following pages provide additional details on these changes.

New Packages Require Source Package

Currently, when creating new packages, the recording of a *contents* package, sometimes referred to as a source package, is optional. When this change is implemented on **5/1/2020**, a new package cannot be created without identifying the package(s) being pulled from to create the new package

Starting on **5/1/2020**, the endpoint below will require an entry of one or more contents packages, labeled as *Ingredients* in the request, as highlighted in **Figure 1** below.

- POST /packages/v1/create

Figure 1: Create Packages

New Immature Plant Batches Require Source Package or Source Plant

Currently, a new immature plant batch can be created without specifying the source of the immature plants. When this change is implemented on **6/1/2020**, a new immature plant batch cannot be created without identifying the plant or package being used to create the planting.

Starting on **6/1/2020**, an error will be generated if the endpoint below is initiated to create a planting.

- POST /plantbatches/v1/createplantings

Cultivators and Microbusinesses Only: Creating Packages of Clones

Mother plants may be tracked in either immature plant batches or individually as flowering plants. When clones (cuttings or tissue cultures) are taken from the mother plant, they may not immediately meet the regulatory definition of an immature plant. Allowing for packaging of the clones provides a tracking mechanism until the clones are mature enough for planting.

Starting on **5/1/2020**, the following endpoints will be available to package clones taken from immature plant batches and flowering plants, as shown in **Figure 2** and **Figure 3** below.

- POST /plantbatches/v1/createpackagesfrommother
- POST /plants/v1/plantbatchpackage

Prior to using these endpoints, licensees may need to add new *Items* utilizing the "Clone – Cutting" or "Clone – Tissue Culture" *Item Categories* configured by the State.

The existing endpoint POST /packages/v1/create/plantings can be used to create new plant batches from the packages of clones created with the endpoints discussed above.

In addition, the existing endpoint to create packages of immature plants was renamed from POST /plantbatches/v1/createpackages to POST /plantbatches/v1/packageplantings.

```
POST /plantbatches/v1/createpackagesfrommotherplant

Permissions Required

View Immature Plants

Manage Immature Plants Inventory

View Packages

Create/Submit/Discontinue Packages

Parameters

licenseNumber

This endpoint has obsolete properties ⚠

Old                              New

Room                             Location

Example Request

POST /plantbatches/v1/createpackagesfrommotherplant?licenseNumber=123-ABC
[
    {
        "Id": null,
        "PlantBatch": "Demo Plant Batch 1",
        "Count": 10,
        "Location": null,
        "Room": null,
        "Item": "Immature Plants",
        "Tag": "ABCDEF012345670000020201",
        "PatientLicenseNumber": "P00001",
        "Note": "This is a note.",
        "IsTradeSample": false,
        "IsDonation": false,
        "ActualDate": "2015-12-15"
    },
    {
        "Id": 5,
        "PlantBatch": null,
        "Count": 10,
        "Location": null,
        "Room": null,
        "Item": "Immature Plants",
        "Tag": "ABCDEF012345670000020202",
        "PatientLicenseNumber": "P00002",
        "Note": "",
        "IsTradeSample": true,
        "IsDonation": false,
        "ActualDate": "2015-12-15"
    }
]
```

Figure 2: Create Packages from Mother Plant in Plant Batch

```
POST /plants/v1/create/plantbatchpackage
```

Permissions Required

View Immature Plants

Manage Immature Plants Inventory

View Veg/Flower Plants

Manage Veg/Flower Plants Inventory

View Packages

Create/Submit/Discontinue Packages

Parameters

licenseNumber

Example Request

```
POST /plants/v1/create/plantbatchpackage?licenseNumber=123-ABC
[
  {
    "PlantTag": "ABCDEF012345670000000011",
    "PackageTag": "ABCDEF012345670000010011",
    "PlantBatchType": "Clone",
    "Item": "Blue Dream Clones",
    "Location": null,
    "Note": null,
    "IsProductionBatch": false,
    "ProductionBatchNumber": null,
    "PatientLicenseNumber": null,
    "IsDonation": false,
    "Count": 25,
    "ActualDate": "2020-01-15T12:25:43Z"
  },
  {
    "PlantTag": "ABCDEF012345670000000012",
    "PackageTag": "ABCDEF012345670000010013",
    "PlantBatchType": "Seed",
    "Item": "Blue Dream Seeds",
    "Location": "Package Room 1",
    "Note": null,
    "IsProductionBatch": false,
    "ProductionBatchNumber": null,
    "PatientLicenseNumber": null,
    "IsDonation": false,
    "Count": 25,
    "ActualDate": "2020-01-15T12:36:32Z"
  }
]
```

Figure 3: Create Packages from Mother Plant in Flowering Phase

Cultivators and Microbusinesses Only: Creating an Immature Plant Batch from an Existing Plant Batch

Some of the plants in an immature plant batch may have different lighting needs than the rest or it may be discovered that the original strain designation was incorrect for some on the plants in the batch.

Starting on **5/1/2020**, the following endpoint will be available to "split" one or more plants in an immature plant batch into a new immature plant batch, which can be assigned to a different location and/or a different strain, as shown in Figure 4 below:

- POST /plantbatches/v1/split

Plant Batches

POST /plantbatches/v1/split

Permissions Required

View Immature Plants

Manage Immature Plants Inventory

Parameters

licenseNumber

Example Request

```
POST /plantbatches/v1/split?licenseNumber=123-ABC
[
    {
        "PlantBatch": "B. Kush 5-30",
        "GroupName": "New Plant Batch",
        "Type": "Clone",
        "Count": 25,
        "Location": null,
        "Strain": "Spring Hill Kush",
        "PatientLicenseNumber": "X00001",
        "ActualDate": "2015-12-15T00:00:00Z"
    },
    {
        "PlantBatch": "B. Kush 5-31",
        "GroupName": "New Plant Batch",
        "Type": "Seed",
        "Count": 50,
        "Location": null,
        "Strain": "Spring Hill Kush",
        "PatientLicenseNumber": null,
        "ActualDate": "2015-12-15T00:00:00Z"
    }
]
```

Figure 4: Split Immature Plant Batch

If you have questions about this bulletin, please contact Metrc support at api-info@metrc.com.