
OHA - OLCC

Cannabis Tracking System Workshop

Grow Site Administrator Training

Spring 2018

Presenters

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Oregon Medical Marijuana Program

Goals of the training

- Clarify changes made to the law around the Cannabis Tracking System (CTS) with the Oregon Liquor Control Commission (OLCC).
- Ensure that Growers understand which tracking system they must use.
- Ensure growers that are to use the Cannabis Tracking System know how to complete the required steps with OHA to get set up in CTS.
- Ensure growers understand the importance of tracking in either OHA's monthly tracking in Oregon Medical Marijuana Online System (OMMOS) or CTS.
- Ensure growers understand the consequences if tracking and reporting requirements are not met.



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Topics Covered

- Changes in requirements of who needs to report
- Determining Reporting type: Cannabis Tracking System (CTS), Oregon Medical Marijuana Online System (OMMOS); or Exempt
- How to designate a Grow Site Administrator (GSA)
- What happens if a GSA is set up in CTS but not activated or the GSA doesn't report in CTS.
- What happens if OMMOS reporting is not done?



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Legislation 2018

- **Senate Bill 1544** passed in 2018, slightly modified who needs to track in the CTS system for grow sites:
 - In simple terms: All grow sites with 3 or more patients must use the CTS tracking.



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Which System Do I Use to Report?

Cannabis Tracking System (CTS) with OLCC

- A grow site with three or more patients registered at the grow site address is required to use CTS.
- CTS is administered by OLCC
- OLCC's CTS vendor is Metrc™

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Which System Do I Use to Report?

Oregon Medical Marijuana Online System (OMMOS) Monthly

- Registered **grow sites with two or fewer patients** if ANY of the following is true:
 - You are the designated grower for an OMMP patient (other than yourself).
 - You are a patient growing for yourself at your own residence and you are transferring marijuana items to a medical processor or dispensary.
 - You are a patient growing for yourself at a grow site address that is NOT your residence.
 - You are growing at a grow site address that submitted an application for a producer license to OLCC prior to January 1, 2018 and OLCC has not yet acted on your application.

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Which System Do I Use to Report?

Exempt from CTS and OMMOS Monthly Reporting

- All the following must be true to be exempt from all reporting and tracking requirements:
- You are a patient *only* growing for yourself at your residence; AND
- There are no more than 12 mature plants and 24 immature plants being grown at the grow site; AND
- You are not transferring to a medical processor or dispensary

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How Grow Sites Connect to CTS Tracking

- Each grow site subject to CTS must have a grow site administrator (GSA)
- GSA's must be designated by May 31, 2018
 - First step in process to get you credentialed and into the tracking system to be ready to track by July 1, 2018
 - Data is sent electronically to the OLCC vendor
 - OLCC vendor will then credential the GSA at the grow site

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How to set up a Grow Site Administrator

- Must have an active account in the Oregon Medical Marijuana Online System (OMMOS)
- Must be a grower at the grow site
- Complete the GSA designation request
- Agree to be responsible for the reporting and tracking in the CTS system and comply with all of the tracking requirements as outlined in OLCC Rules
- Pay the Cannabis Tracking Fee (CTS Fee) of \$480



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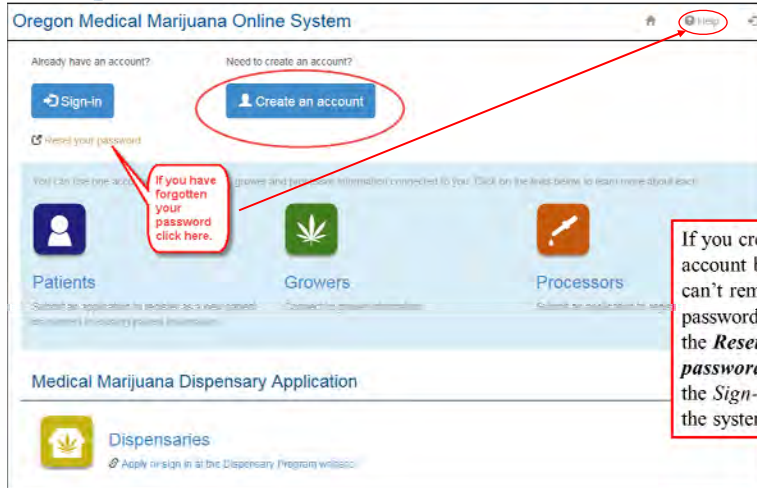
Set up your account in OMMOS

OMMPSYSTEM.OREGON.GOV



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Log into: OMMPSYSTEM.OREGON.GOV

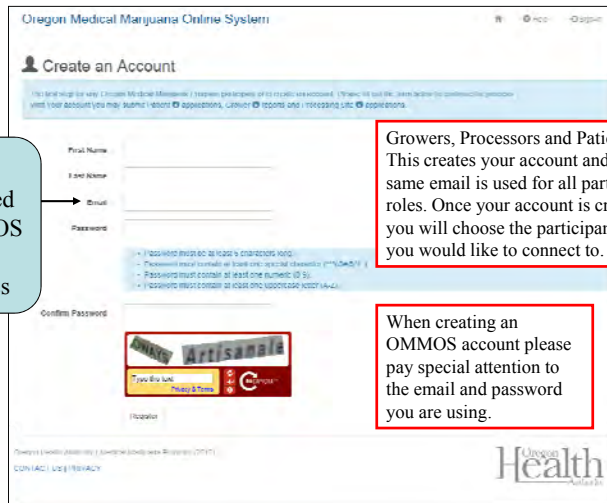


If you created an account before but can't remember your password please click the **Reset your password** link under the **Sign-in** button on the system main page.



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Create a OMMOS Login



The email will be used for OMMOS AND CTS access

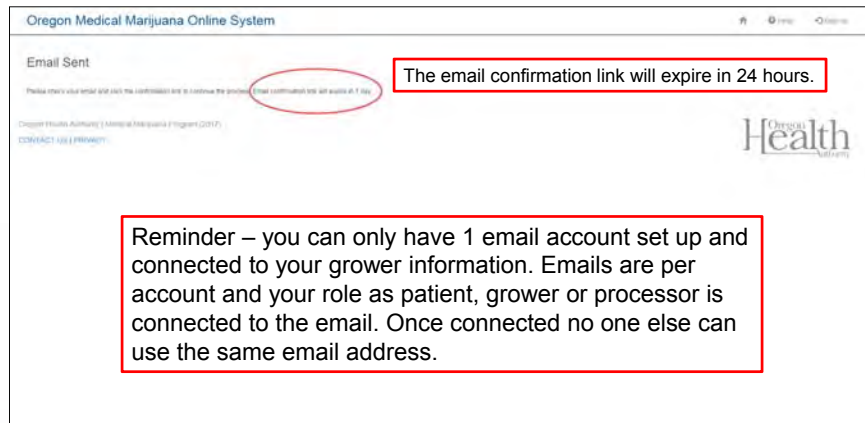
Growers, Processors and Patients – This creates your account and the same email is used for all participant roles. Once your account is created, you will choose the participant role you would like to connect to.

When creating an OMMOS account please pay special attention to the email and password you are using.



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Confirmation Email



Oregon Medical Marijuana Online System

Email Sent

Please check your email and click the confirmation link to continue the process. (Email confirmation link will expire in 24 hours.)

Oregon Health Authority | Medical Marijuana Program (2017)

CONFIDENTIAL | PRIVATE

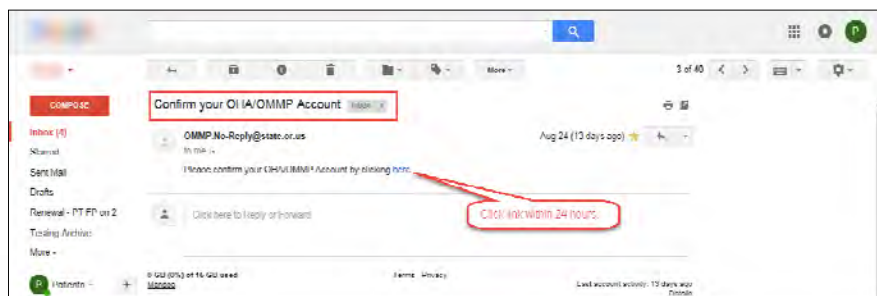
Health Authority

Reminder – you can only have 1 email account set up and connected to your grower information. Emails are per account and your role as patient, grower or processor is connected to the email. Once connected no one else can use the same email address.

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Health
Authority

Confirm Your Email



Confirm your OI/OMMP Account

OMMP.No-Reply@state.or.us

Aug 24 (13 days ago)

Please confirm your OI/OMMP Account by clicking [here](#).

Click here to reply or forward

Click link within 24 hours.

A confirmation email is sent to the email address you provided. You must click the link located in the body of the email within 24 hours to confirm the email address you are using to log in to the OMMOS. If you do not click the link within 24 hours or receive an error when trying to log in you will need to contact the OMMMP to correct at mmg.online@state.or.us.

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Oregon
Health
Authority

Oregon Medical Marijuana Online System

Email Confirmed

You may now use your account

[Sign in to continue the process](#)

Oregon Health Authority | Medical Marijuana Program (2017)
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Oregon Health Authority

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Oregon Health Authority

Log in Screen

Oregon Medical Marijuana Online System

Sign in

Email

Password

[Reset your password](#)

Remember me?

[Create an Account](#)

Oregon Health Authority | Medical Marijuana Program (2017)
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Oregon Health Authority

Oregon Medical Marijuana Online System

Home Help Sign-in

Error:
You must have a confirmed email to log on.

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If you tried to sign in and receive this message, you didn't complete the step of checking your email and confirming your account.

Login to the email address you used to create your account. You will then be able to retrieve the confirmation email sent from ommpnoreply and confirm your account access. It will take you back to the sign in page.

If you do not immediately see the email, check your spam filters as it may have been placed in your junk mail folder.

If you have followed these instructions and still receive this message, please contact the OMMP at mmg.online@state.or.us.

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This is where you connect to your grower information, submit application(s) to register a processing site or register as a patient.

Oregon Medical Marijuana Online System

You are logged in with this email

Patient:
 In order to submit a complete application online you must enter all required information, upload documents and make a payment using a debit or credit card.
 If you are unable to upload documents and make a payment with a debit or credit card you will not be able to submit an online application. Instructions to mail in your application and check or money order can be found on the OMMP Website.
 If you would like to submit a complete application as a new or existing patient, please click the "Register as Patient" button below.
 Register as Patient

Grower:
 If you have been designated as an Oregon Medical Marijuana Program (OMMP) grower and have either a current, valid Grower Card or Registration Number, select the "Connect to Grower Information" button below to connect to your OMMP grower information.
 If you would like to set up, you will need to create either your current Grower Card Number or Registration Number as well as your Government issued Identification Number correctly on the OMMP.
 Connect to Grower Information

Processing Site:
 Select Apply Now to submit and pay for an Oregon Medical Marijuana Program (OMMP) processing site registration application.
 You have the ability to submit an application, and application fee, for multiple processing sites under the single account, once you have completed submission and payment of an application, single fees will be applied to each individual application. You will need to submit an individual application for each processing site you wish to register. You will be able to manage each processing site application via a tabbed view from the single account.
 Once your application is submitted you can manage your application and watch the additional information required by the Oregon Health Authority. Please remember you must attach the additional documentation for each application you submit.
 This new information on application requirements can be found on the OMMP Website.
 Apply Now

Click the "Connect to Grower Information" button to begin the connection.

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Connecting to Grower Information

Connecting to your grower information is only required once.

Type your name exactly as it is on your grower card or Grow Site Registration Fee Letter

Government issued ID currently on file with the OMMP (normally your drivers license).

If you have not received a grower card and need to pay the grow site registration fee, enter the registration number included on the letter you received from OMMP.

Next

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Verify the information and patient(s) name listed are correct before clicking the submit button. If the information is not correct, please contact the OMMP.

Grower Registration Information

Make sure you have entered all the information on this page. To complete your registration please click the Submit button below.

Grower Card ID

Patient

Submit

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Your grower account is now set up!



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Ready to Apply for Grow Site Administrator

Oregon Medical Marijuana Online System

Already have an account? [Sign in](#)

Need to create an account? [Create an account](#)

Patients
Support in registration to register as a new patient, or contact for existing patient information.

Growers
Connect to grow information.

Processors
Stand in applicant to apply to a processor.

Medical Marijuana Dispensary Application

Dispensaries
Apply or sign in at the Dispensary Program website.

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Log into your OMMOS account

Oregon Medical Marijuana Online System

Sign in

Email

Password

Remember me?

[Log in](#)

[Forgot your password?](#)

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Health
Oregon Authority

Health
Oregon Authority

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This will bring you to the Grower main page

Grower Main page

MAJOR CHANGES TO REPORTING

- Growers required to track using the OLCC Cannabis Tracking System (CTS) must designate a grower as the Grow Site Administrator (GSA) and be responsible for CTS reporting.
- Applying for a GSA is done through the growing existing Oregon Medical Marijuana Online System (OMMOS) account.
- Growers can start signing up to be the GSA May 8, 2018. OMMS will send out communications outlining the process once the system is closer to being ready.
- The CTS tracking fee of \$400 is paid when the GSA signs up in their OMMS account.
- A GSA MUST be designated by July 31, 2018.
- Reporting into the OLCC CTS tracking system must start by July 1, 2018.
- If a grower is required to designate a GSA and does not do so within the window provided, all growers at the CTS grow site may have their cards revoked.
- If a grower has to reactivate a track registration after by using CTS or OMMS and account do so, all growers at the CTS grow site may have their cards revoked.

Communication and Outreach

- OMMS will notify growers at grow site addresses that are required to use CTS and designate a GSA.
- OMMS will be opening around the state in areas with high numbers of growers required to use CTS to explain the changes.
- Updates and information on designating a GSA and CTS will be posted on the OMMS Cannabis Tracking System webpage when available.
- To receive updates and updates from OMMS, sign up for OMMS updates here.

Important Information

- Grower cards will be mailed directly to the grower after the grower pays the required grow site registration fee for that card and the payment details have been issued.
- If the grow site registration fee is not paid in the time provided you and the grow site will be removed from the patient's registration.
- If you notice missing or inaccurate information, please contact the OMMS.

Click on [Link to Card Status Information Book](#) for more information.

Table Headers: Grower Card Number, Status, Issue Date, Effective Date, Expiration Date, Card Status, Fee Status.

Grow Site Administrator Tab

Definitions

How to designate a Grow Site Administrator (GSA) for the Cannabis Tracking System (CTS) and pay the \$400 CTS user fee.

A GSA must be designated for a grow site that is required to use CTS

- To be designated a GSA you must have a valid grower card at the grow site. If no name appears in the "Name" column and the "Payment Needed" button is visible a GSA has not been designated for the grow site.
- Once the registration number appears on your registration on OMMS you can "Add" the new grower name to your site.
- Review the questions and check the boxes to acknowledge that you understand and agree to the responsibilities of being a GSA. Once you click the "Yes/No" button you will be directed to the payment screen.
- Please read payment information as instructed. You will be created a receipt upon successful completion of the transaction. Please note it may take up to 48 hours for your payment to process.
- After your payment is processed, you will email your username/ password to verify that your request to be designated as a GSA has been approved.
- If multiple growers at a grow site submit GSA payments for the same grow site, the system will not allow you to submit the fee for subsequent GSA's.
- Once a GSA has been approved, OMMS will send you a confirmation email for CTS. You must email confirm your information. Check on the link to log into CTS and set up your CTS account document.
- You will have 30 days from the time CTS is activated to set up CTS.
- Order sample identification tags.
- They will be mailed directly to the grower's main CTS.
- Users need CTS cards.
- Only Tracking in CTS is a condition and follow to achieve the registration is now null in recognition of the grow site and all growers at that grow site location.
- The \$400 CTS user fee is due annually. The Payment Receipt button will be made available 45 days before the annual CTS fee is due. Please refer to OMMS Cannabis Tracking System information.

PLEASE NOTE: The email address used to log into your OMMS account will be the same email address used by OMMS (see link to website) to contact you about setting up a CTS account.

Definitions - System

The screenshot shows the Oregon Medical Marijuana Online System interface. A pop-up window titled "Grow Site Administrator Definitions" is open, displaying the following text:

System: The reporting system grower(s) at a grow site are required to use. A grow site's required reporting system may change based on changes to growers on individual patient applications.

The reporting systems are:

- CTS - Cannabis Tracking System; Seed to Sale tracking with OLCC (Metro).
- OMMOS - Oregon Medical Marijuana Online System; Monthly tracking with OHA.
- NONE - No reporting is required.

The background interface includes a search bar for "Grower Name", a "Payment is required" warning, and a table with columns for System, Name, Grow Site, Last Paid Date, and CTS Fee.



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Definitions - Name

The screenshot shows the Oregon Medical Marijuana Online System interface. A pop-up window titled "Grow Site Administrator Definitions" is open, displaying the following text:

Name: The name of the grower at the grow site who has been designated the Grow Site Administrator (GSA). If this field is blank, the grow site does not have a designated GSA. Only grow sites required to use CTS are required to designate a GSA.

The background interface includes a search bar for "Grower Email", a "Grower Name" search bar, a "Grower Cards (3)" section, and a table with columns for System, Name, Grow Site, Last Paid Date, and CTS Fee.



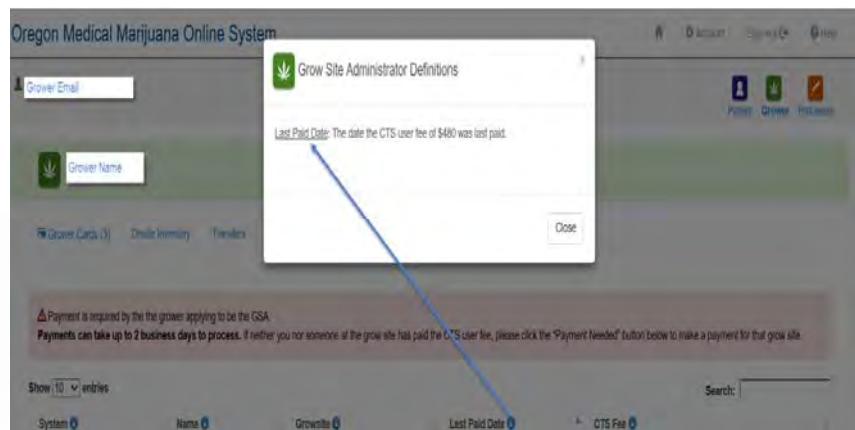
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Definitions – Grow site



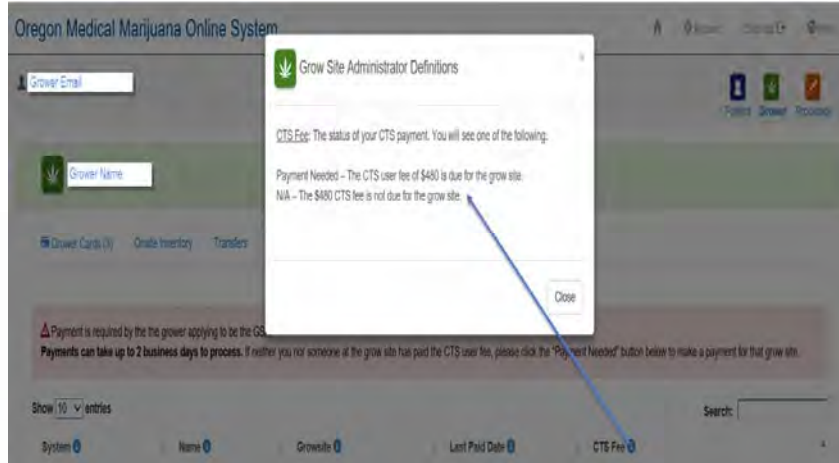
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Definitions – Last Paid Date



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Definitions – CTS Fee



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Grow Site Administrator Tab



Click Payment Needed button to begin to apply for GSA



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GSA application

Oregon Medical Marijuana Online System

Grower Email

Grower Registration

Indoor
 Outdoor
 Mixed
 Indoor/Outdoor

Read and check all boxes

Type your name in the box

Once all above is filled out, Click on 'Pay'

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Payment screen for the CTS Payment

Oregon Health Authority

SKU	Description	Unit Price	Quantity	Amount
123456	CTS Fee Payment for Grower Card No. 123456	\$480.00	1	\$480.00
Total				\$480.00

CTS Fee Payment for Grower Card No. 123456 \$480.00
 \$0.00
TOTAL \$480.00

Customer Information to be entered in the Card Holder. For technical assistance call 1-855-255-4304

Payment Type: Credit Card

Customer Information

Country: United States

First Name: Test Last Name: Grower

Address: 111 NE Made Up Street

City: Portland State: OR - Oregon

ZIP/Postal Code: 97222

Phone: 503-555-5555 Email: Grower Email

Next

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Payment Type ✓

Credit Card

Customer Information ✓

Address: Test Grower, 111 NE Made Up Street, Portland, OR 97222
 Phone: 503-555-5555
 Country: United States
 Email Address: Grower Email

Payment Info

Credit Card Number: [input]
 Expiration Month: March
 Expiration Year: 2024
 Security Code: 123
 Name on Credit Card: Test Grower

CTS Fee Payment for Grower Card No. 123456	\$480.00
	\$0.00
TOTAL	\$480.00

You have selected to pay by credit card. Complete Customer Billing Information and enter Credit Card Information. For technical assistance call 1-855-255-4304.

Verify Customer Information
 Enter Credit Card Information
 Click Next

Next

Cancel

Public Health Division Oregon Medical Marijuana Program

SKU	Description	Unit Price	Quantity	Amount
	CTS Fee Payment for Grower Card No. 123456	\$480.00	1	\$480.00
Total				\$480.00

Payment Type ✓

Credit Card

Customer Information ✓

Address: Test Grower, 111 NE Made Up Street, Portland, OR 97222
 Phone: 503-555-5555
 Country: United States
 Email Address: Grower Email

Payment Info ✓

Credit Card: Visa **** 100000
 Exp: 03/2024
 Name on Credit Card: Test Grower

Verification

PPYR9
 Enter the characters from the above image
 PPR9

Double Check Information Type in Verification
 Submit Payment

Submit Payment

Cancel

Public Health Division Oregon Medical Marijuana Program

Confirmation that payment has been submitted

Oregon Medical Marijuana Online System

Account Sign out Help

Grower Email

Your CTS fee payment has been submitted!

Your CTS fee payment may take up to 2 business days to process through the system. You can log into the site to view the status of your CTS fee payment.

Continue

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OHA PH Fees

noreply@nicusa.com

To

Note - You will get an Email from Noreply@nicusa.com with the subject OHA PH Fees

Credit Card will have a charge for OHA PH Fees CTS payment

Payment Receipt Confirmation

Your payment was successfully processed. You may print this receipt page for your records by selecting Print. For technical assistance call 1-855-255-4304.

Transaction Summary

Description	Amount
	\$480
	\$0.00
	\$480.00

Transaction Detail

Item	Description	Unit Price	Quantity	Amount
1	CTS Fee Payment for Grower Card No. 123456	\$480.00	1	\$480.00
				TOTAL
				\$480.00

Customer Information

Customer Name: Test Grower
Local Reference ID: 8695
Receipt Date: 4/25/2018
Receipt Time: 06:41:07 AM EDT

Payment Information

Payment Type: Credit Card
Credit Card Type: VISA
Credit Card Number: ****1111
Order ID: 2658464
Billing Name: Test Grower

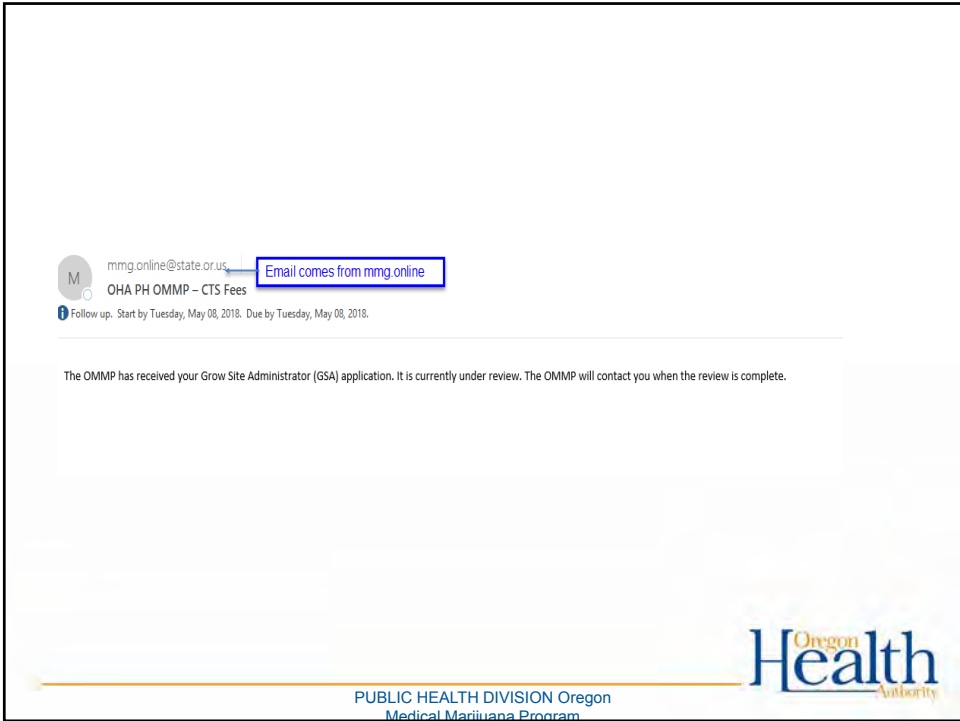
Billing Information

Billing Address: 111 1111
Billing City, State: Portland, OR
ZIP/Postal Code: 97222
Country: US

Phone Number: 503-955-5555
This receipt has been emailed to the address below.
Email Address: [redacted]



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Grow Site Administrator Designated

Oregon Medical Marijuana Online System

Grower Email

Grower Name

Grow Site Administrator (GSA) has been designated - Adds the name of the GSA, date paid and removes the need for payment.

System	Name	Grower	Last Paid Date	CTS Fee
CTS	Grower Name	Grow Site Address	05/12/18	App

Showing 1 of 1 entries

How to designate a Grow Site Administrator (GSA) for the Cannabis Tracking System (CTS) and pay the \$400 CTS user fee:

- A GSA must be designated for a grow site that is required to use CTS.
- To be designated a GSA you must have a valid grower card at the grow site. If no name appears in the "Name" column and the "Payment Needed" button is visible, a GSA has not been designated for the grow site.
- Click the "Payment Needed" button to begin the process to be designated as the GSA and pay the non-refundable \$400 CTS user fee.
- Answer the questions and check the boxes to acknowledge that you understand and agree to the responsibilities of being a GSA. Once you click the "Pay Now" button you will be directed to the payment screen.
- Enter your payment information as instructed. You will be emailed a receipt upon successful completion of the transaction. Please note it may take up to 48 hours for your payment to process.
- After your payment is processed, log back into your OMMJOS account to verify that your request to be designated as GSA was approved.
- If multiple growers at a grow site submit GSA payments for the same grow site, the grower whose payment is recorded first, will be designated the GSA.
- Once a GSA has been approved, selected, the CTS vendor, will send a confirmation email to the GSA. This email will contain your **Metrolis** username. Click on the link to log into CTS and set up your CTS account password.
- You will have 10 days from when your CTS account is set up to:
 - Order unique identification tags
 - Enter all the inventory at the grow site into CTS
 - Begin using CTS daily
- Daily Tracking in CTS is mandatory and failure to adhere to the requirements may result in revocation of the grow site and all growers at that grow site location.
- The \$400 CTS user fee is due annually. The "Payment Needed" button will be made available 45 days before the renewal CTS fee is due. Please visit the [GSA](#) website for more information.

Please note: The email address used to log into your OMMJOS account will be the same email address used by Metrolis (the CTS vendor) to contact you about setting up a CTS account.

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What happens if a GSA is set up in CTS but not activated or a GSA doesn't report in CTS

- OHA will work with GSAs to get into compliance and to determine if there are barriers beyond a GSA's control in achieving compliance, however OHA may:
 - Revoke or refuse to renew registrations if grow site is not tracking in CTS by July 1, 2018; or
 - Issue civil penalties.

Oregon Laws 2017, ch 183, Sec. 41

Oregon Health Authority

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What happens if a grower is to use OMMOS monthly reporting and doesn't

- OHA will work with growers to get into compliance and to determine if there are barriers beyond a growers control in achieving compliance, however OHA may:
 - Revoke or refuse to renew registrations if grow site is not tracking in OMMOS by July 1, 2018; or
 - Issue civil penalties.

Oregon Laws 2017, ch 183, Sec. 41



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What's Next?

- OHA sends data on all qualifying locations to OLCC to begin the credentialing process
- The May 31, 2018 date is the first deadline – GSA's be designated by this date.
- The OLCC vendor will begin the GSA's credentialing process after May 15, 2018
- The GSA is the conduit to get connected to the OLCC tracking system from OHA to OLCC
- When you receive the Welcome to Metrc™ email, you will have 10 days to complete the credentialing process.
- Once credentialed, you will have 10 days to order tags and enter your inventory.



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Where do I get materials or assistance?

CTS Information

- Metrc™ Training
 - <https://www.metrc.com/oregon>
- Visit OLCC's website:
 - <http://www.oregon.gov/olcc/marijuana/Pages/cannabistrackingsystem.aspx>
 - Training materials are on OLCC's website under Cannabis Tracking System

GSA Information

- Contact OMMP for questions related to Grow Site Administrators, reporting requirements and program related issues at 971-673-1234 (M-F noon to 4:00 p.m.) or mmg.online@state.or.us.
- healthoregon.org/ommp

OHA Rules

- healthoregon.org/ommprules



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OHA - OLCC

Cannabis Tracking System Workshop

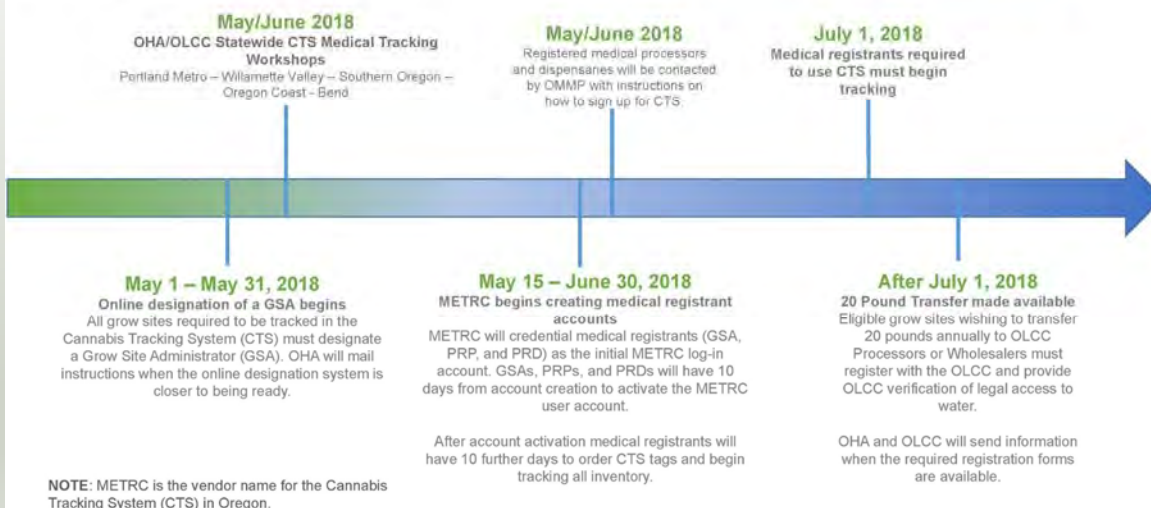
Spring 2018

OMMP CTS Tracking & Reporting



OHA and OLCC Medical Tracking 2018 Timeline

For More information about registrants required to track product in CTS please visit OHA's website: [Changes Affecting OMMP Growers, Processors and Dispensaries](#)



Common Acronyms Used



- **CTS:** “cannabis tracking system” also referred to by company name **Metrc**
- **ODA:** Oregon Department of Agriculture
- **OHA:** Oregon Health Authority
- **OLCC:** Oregon Liquor Control Commission
- **OMMP:** Oregon Medical Marijuana Program, managed by **OHA**

Common Acronyms Used



- **OMMOS:** Oregon Medical Marijuana Online System, reporting to **OHA**
- **OWRD:** Oregon Water Resources Department
- **RFID:** Radio Frequency Identifier – **UID tags** are embedded with RFID chips and are sometimes referred to as “RFID tags”
- **UID:** Unique Identifier – used to refer both to the “**UID number**” recorded in CTS and an associated physical “**UID tag**” bearing that number

Overview

- Overview
- Setup requirements in CTS
- Ongoing tracking and reporting
- Recording transfers
- Grow site transfers to OLCC licensees
- Interaction with OLCC
- Additional Resources
- Q&A



Overview - CTS Reporting for Grow Sites

- CTS is a “seed-to-sale” tracking system
 - Functions primarily as a “closed loop”
 - All marijuana items on site must be in CTS
 - Any time marijuana is entered by weight, an Oregon Dept. of Agriculture-licensed scale must be used
 - All marijuana arriving or leaving is added to inventory by recording a “transport manifest”
 - Transport manifests move marijuana items into and out of tracked inventory in CTS



Overview - CTS Reporting for Grow Sites



- A medical site that reports into CTS is **not** an OLCC licensee
- Medical sites may not transfer to licensees except:
 - A grow site may transfer 20 lbs annually to a Wholesaler or Processor
 - Marijuana submitted for testing is transferred to a lab through CTS

Overview – CTS Reporting for Other Sites



- Processing sites and Dispensaries will also use CTS
- These sites only require package tags, **not** plant tags
- All incoming or outgoing inventory is recorded at the time it is received or when it leaves



Recording Inventory in CTS Initial Setup

Setup Requirements in CTS

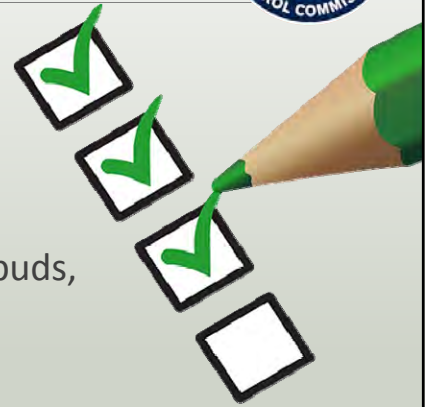
- Sign up for training at metrc.com/oregon
- Credential into CTS
- Add “employees” and permissions
- Set up strains
- Set up items



Setup Requirements in CTS



- Order UID tags & expedite UID tags
- Receive UID tags
- Record all marijuana inventory
 - Seeds, clones, veg plants, mature plants, buds, trim, cannabinoid items



Training & Credentialing



- From metrc.com/oregon you can:
- Log in to your facility once credentialed
- Click “Schedule Training Now” to sign up for live webinars
- View other training videos on specific features

The screenshot shows the metrc website interface. At the top, there is a navigation bar with links for Home, The System, Support, RFID, Media, Customers, Contact, and a red-circled [log in] button. Below the navigation bar is a green header with the text "Oregon Program Information" and the OLCC logo. The main content area contains a welcome message and information about the CTS system. At the bottom of the page, there are three buttons: "Validated Integrators", "Schedule Training Now" (circled in red), and "Training Videos".



“Employees” and Permissions in CTS

- Add workers who will be at your site in the “Employees” section
- Add permissions
 - You can give **any user** permission to view and/or enter data in CTS
 - Only enter information **using your own login**
 - Although the GSA, PRP, or PRMG is responsible, any user can be granted permission to enter data
- Data can be entered remotely



Setup Strains & Items

- Strains & item types must be set up before adding plants & packages,
- Strain & item lists can be edited later
- Select from these values when you record inventory
- Setting up strains and item types **does not** track inventory – these are only values to select later

Order & Receive UID Tags



- Tags are embedded and printed with the site information and do not expire, but cannot be re-used
- A site must have an adequate supply of UID tags at all times
- Order enough tags to record current inventory and near future inventory
- UID tags can only be ordered through CTS
- You can always order more through the same CTS interface
- Plant tags cost 45 cents each, package tags cost 25 cents each
- Contact Metrc support (**1-877-566-6506**) to expedite a tag order

Record all Marijuana Inventory – On Site = Tracked



- Sites have **10 days from the date of credentialing into CTS to get all inventory recorded**
- All marijuana items are subject to tracking, including (as applicable):
 - Immature plants under 24 inches
 - Immature plants over 24 inches
 - Mature (flowering) plants
 - Harvested and drying/curing marijuana
 - Usable marijuana (trimmed or untrimmed flower and shake/trim)

Record all Marijuana Inventory – On Site = Tracked



- Marijuana seeds
- Cannabinoid items

**CTS will not stop a user from recording
more marijuana than they are allowed to possess**

Record all Marijuana Inventory – Specific Items



- Immature plants **under 24 inches** are tracked in a “plant batch” (no UID required)
- Any **plant over 24 inches** must be assigned a plant tag at or before the time the plant reaches 24 inches in height or begins to flower (whichever comes first)
- **Vegetative plants** are assigned a UID plant tag no later than when they reach 24 inches in height – once assigned a UID, plants are tracked individually

Record all Marijuana Inventory – Specific Items



- **Mature plants** are created by changing the growing state of a vegetative plant to “mature” – therefore a mature plant will always have a plant tag
- Any **usable marijuana** on site (including trim, or untrimmed flower), or **cannabinoid items** are entered as packages by weight using an “incoming external manifest”

**Sites have 10 days from the date of credentialing
into CTS to get all inventory recorded**

Record all Marijuana Inventory – Affixing UID Tags



- **Plant tags** must be physically affixed to the plant
 - If tagging a smaller plant, the tag may be inserted into the dirt with the plant
 - If tagging a larger plant, the tag should be looped around a branch to prevent removal

Record all Marijuana Inventory – Affixing UID Tags



- **Package tags** must be physically affixed to the outermost receptacle holding a quantity of identical marijuana items
- All marijuana items under a single tag must be identical
- Marijuana that is part of a harvest **must be assigned package tags within 45 days** of the harvest
- A “package” in CTS does not necessarily mean marijuana is packaged for sale, but means it has an identified quantity in a physical receptacle that matches what is recorded in CTS for the marijuana associated with that tag number



Recording Inventory in CTS
Ongoing Reporting

Ongoing Reporting in CTS

- Daily reconciliation
- Transfers
 - Between licensees/other sites
 - To or from outside sources (external transfers)
- Laboratory testing



Daily Reconciliation

- “Daily reconciliation” refers to the requirement to record all inventory activities in CTS before the beginning of the next day of operations
- Unlike OMMOS, there is no “no activity to report” option in CTS – if there were no changes, there is no requirement to change existing information
- **Information may be entered on-site or remotely** – CTS is web-based and can be accessed from any computer or mobile device with an Internet connection
- Although the GSA, PRP, or PRD is the person responsible for all inventory tracking, **a user may add additional users into the tracking system and give them access to record changes**



Daily Reconciliation



- Users do not need to enter information into CTS as it occurs, but must report changes daily
- Manual worksheets will be available at marijuana.oregon.gov to assist in collecting information to report into the system daily, but **worksheets do not replace the requirement to track in CTS**

Daily Reconciliation



- If a user loses access to CTS for any reason, they must keep detailed record of tracking activities that occurred during the outage, including time access was lost and restored – tracking information must be entered immediately when access is restored
- Transfers cannot be recorded during any temporary loss of access to CTS

Transfers



- **Transfers** must be recorded in CTS **before** sending or receiving marijuana
- For transfers to or from patients or sites that **are not required to be in CTS**
- The same limits regarding packing plants and adding only **whole packages** apply

Transfers



- The **external transfer** option is used to identify the source or destination of any transfer that does not include two sites required to be in CTS
- An **external transfer** may reflect
 - Receipt of marijuana items at a grow site from a patient (incoming transfer)
 - Transferring usable marijuana to a patient (outgoing transfer)
 - Creating initial “start up” inventory

Transfers



- Only **whole packages** may be transferred
- To send smaller amounts, the item must be **repackaged** into smaller units with new UID numbers and tags first
- Sending or receiving a package in CTS that does not match the physical unit creates tracking/reporting violations

Transfers



- **Plants** must be added to a package by using the “pack plants” option
- A manifest may have **multiple packages**
- Multiple manifests may be recorded to the same destination



Transfers

- **Transfers** remain subject to the limits in place under OMMP
- Transfers of patient marijuana from a grow site still require patient authorization
- **It is the responsibility of the administrator, not CTS, to ensure compliance**

Patient	Grower or Caregiver	Processor	Dispensary
Items that may be transferred: <ul style="list-style-type: none"> - Useable marijuana - Seeds - Immature plants 	Items that may be transferred: <ul style="list-style-type: none"> - Useable marijuana - Seeds - Immature plants - Mature plants (to their patient only) 	Products that may be transferred: <ul style="list-style-type: none"> - Marijuana products which processor has received endorsement to produce 	Products that may be transferred: <ul style="list-style-type: none"> - Useable marijuana - Seeds - Immature plants - Edibles - Concentrates - Extracts - Topical - Tinctures - Capsules - Suppositories - Transdermal patches
Items may be transferred to: <ul style="list-style-type: none"> - Registered medical processor (only the transfer of useable marijuana allowed) - Registered medical dispensary 	Items may be transferred to: <ul style="list-style-type: none"> - Their patient - Registered medical processor (only the transfer of useable marijuana allowed) - Registered medical dispensary 	Products may be transferred to: <ul style="list-style-type: none"> - Registered medical processor - Registered medical dispensary - Patient or caregiver who transferred useable marijuana to have processed for personal use 	Products may be transferred to: <ul style="list-style-type: none"> - OMMP patients or caregivers



Lab Testing

- Lab testing requirements remain the same, but tracking of tests occurs in CTS
- **If testing is required**, a batch must be presented for sampling by a lab
- The site administrator must:
 - Create a new **sample package** for the sample taken
 - Manifest the sample packages to the lab
 - Segregate the batch until the test is performed
- Test information automatically shows up on the associated package(s)



20 Pound Transfers to OLCC Processors & Wholesalers

20 Pound Transfers

- Rule overview
- Registration requirements
 - Application to OLCC
 - Water rights
 - Patient releases
- Limits
- Approval and access in CTS



Rule Overview



OAR 845-025-2130

Medical grow sites **that are tracked in CTS** and meet rule criteria will be able to transfer limited quantities of usable marijuana annually to OLCC licensed processors and wholesalers. A grow site will not be eligible for transferring usable marijuana into the OLCC system until the grow site has an account in CTS beginning in the Spring of 2018.

Rule Overview



OAR 845-025-2130

Grow sites will need to be **approved by the OLCC** and provide verification of **legal access to water** prior to any transfers. All transfers will come through CTS and be accompanied with a valid transfer manifest.

Registration Requirements – Applying for the 20 Pound Transfer



- A grow site may apply for the privilege to transfer 20 pounds of usable marijuana to an OLCC-licensed recreational marijuana Processor or Wholesaler by submitting a registration form to the OLCC
- Growers will need to confirm:
 - Legal access to water for commercial purposes
 - Patients have agreed to allow the transfer of medical marijuana to OLCC processors and wholesalers

Registration Requirements – Applying for the 20 Pound Transfer



- OLCC will review the registration form and confirm the information
- The privilege is not granted until approved by OLCC

Registration Requirements – Legal Access to Water



All marijuana that is sold for commercial purposes needs to be grown using a legal source of water.

Can be demonstrated by:

- Holding a water right permit or certificate for the proposed premises
- Demonstrating that water will be provided by a public or private supplier
- Providing completed "[Exempt Water Form](#)" from the Oregon Water Resources Department that the water to be used for production does not require a water right

A grow site that is not transferring marijuana to a recreational marijuana wholesaler or processor is not required to submit this information to OLCC

Applying for the 20 Pound Transfer



- Transfers are limited to 20 pounds **per grow site, not per grower**
- No grow site may transfer more than 20 pounds in any 12-month period
- Transfers are recorded by creating a transport manifest in CTS to the licensed facility that will receive the marijuana
- Marijuana transferred to an OLCC-licensed Processor or Wholesaler is subject to the testing requirements for usable marijuana under **OAR 333-007-0320**
- The **registration form** will be available at marijuana.oregon.gov



OLCC Site Visits & Compliance Checks

20 Pound Transfers

- Role of OLCC inspectors
- Inspections generally
- Authority of OLCC/OHA
- Contacting OLCC regional offices



Role of OLCC Inspectors



- OLCC inspectors may perform inspections of grow sites, processing sites, and dispensaries subject to tracking in CTS based on tracking information
- Inspectors may contact the person responsible for the site to verify information and perform walkthroughs of the site to verify tracking information and proper use of UID tags
- OHA remains the agency responsible for enforcement of any violations and may take action based on OLCC documentation – Inspectors do not write direct citations but may provide instruction on certain requirements

Role of OLCC Inspectors



- OLCC inspectors will identify themselves as state representatives, and will present state identification
- OLCC regional offices can be contacted to verify information
- A list of regional offices and contact information can be found at <http://www.oregon.gov/olcc/>
 - Bend Regional Office (541) 388-6292
 - Portland Regional Office (503) 872-5000
 - Medford Regional Office (541) 776-6191
 - Eugene Regional Office (541) 686-7739
 - Salem Regional Office (503) 378-4871





Online Resources

Online Resources – marijuana.oregon.gov



Recreational Marijuana

- Agency Overview
- Recreational Marijuana Program Home
- Contact Us
- Bulletins
- Cannabis Tracking System
- Forms & Publications
- Frequently Asked Questions (FAQs)
- Hemp
- Laws and Rules
- Licensing
- Marijuana Worker Permit
- News Room
- Packaging and Labeling
- Public Involvement
- Public Meeting Calendar

Oregon's Cannabis Tracking System

Oregon's Cannabis Tracking System (CTS) is an integral part of medical and recreational marijuana products in the state's legal adult use consumer and medical markets. All OLCC recreational marijuana licensees and their employees are required to use CTS.

****NEW**** Beginning July 1, 2018 many Oregon Health Authority Oregon Medical Marijuana Program growers, processors and dispensaries will be required to use CTS.

OHA and OLCC will be conducting statewide trainings on CTS tracking and other OMMP changes throughout the months of May and June, 2018. As dates are finalized, the agencies will send out notices to processors, dispensaries and growers.

CTS information on the OLCC website is separated into separate sections for OLCC Recreational Marijuana licensees, and OHA OMMP registrants.

[OLCC CTS information](#)

[OHA OMMP CTS information](#)



Online Resources – Metrc



Home | The System | Support | RFID | Media | Customers | Contact | [log in]

Oregon Program Information

On behalf of the Oregon Liquor Control Commission I welcome you to the Franwell Inc. Metrc Oregon website.

The Franwell Metrc Cannabis Tracking System (CTS) is an integral part the OLCC's responsibility to ensure that recreational marijuana products can be tracked in the regulated market. Every OLCC Recreational Marijuana licensee is required to participate in the CTS.

Franwell Metrc is responsible for the technical and operational components of the CTS; the OLCC is responsible for CTS statutory and regulatory issues. Franwell provides licensees with training sessions and webinars to provide a thorough understanding of the CTS. Prospective licensees will be required to pass a test on their knowledge of the CTS before the OLCC issues their license.

We hope you will use the information and tools found here and on the OLCC Recreational Marijuana website to become successful licensees in this newly regulated industry.

Steve Marks
Executive Director, OLCC

[Validated Integrators](#) [Schedule Training Now](#) [Training Videos](#)

- www.metrc/oregon
- Sign up for training
- View training videos
- Access Metrc by logging in
- Contact customer support to walk through functions or correct errors
- Contact support to expedite UID tag orders

Online Resources – Oregon Dept. of Agriculture



- **Weights & Measures Division**
 - www.oregon.gov/ODA/MSD
 - Find out about licensing a commercial scale for marijuana – a licensed scale is required for entering weight information into CTS
- **Pesticide Program**
 - <http://www.oregon.gov/ODA/programs/Pesticides/Pages/CannabisPesticides.aspx>
 - View guidance on pesticide use and marijuana in Oregon

Online Resources - OLCC



- **OLCC marijuana hotline**
 - 503-872-6366
 - General questions regarding compliance with OLCC rules and regulations including compliance and licensing
- **OLCC CTS email**
 - marijuana.cts@oregon.gov
 - Questions about compliance with the CTS tracking requirements

Online Resources - OLCC



- **Metrc Support**
 - 1-877-566-6506
 - Questions about specific features and performing specific actions in CTS –
 - **Complete a Metrc training before contacting support!** Sign up for training at www.metrc.com/oregon

OLCC'S MISSION

Support businesses, public safety,
and community livability
through education and the enforcement
of liquor and marijuana laws.



OHA - OLCC
Cannabis Tracking System Workshop
Spring 2018



Pesticides 101

Sunny Jones
ODA Cannabis Policy Coordinator

ODA –like any other ag crop

- Pesticides
- Food safety
- Weights and measures
- Ag water quality
- Industrial hemp

OREGON CANNABIS
Cultivate your business with the Oregon Department of Agriculture

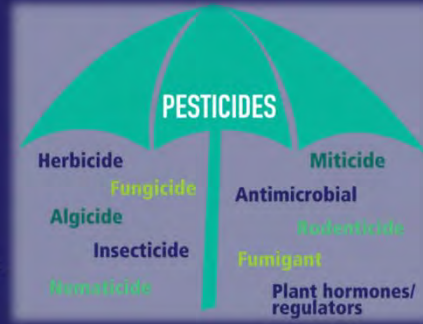
- Food Safety**
 - Making and selling edibles?
 - You need a food safety license
 - Homemade is not allowed
 - Contact us to connect with your local specialist
- Pesticides**
 - Applying pesticides?
 - Be like a bee!
 - Consult the guide!
 - Applicators may need a license
- Weights & Measures**
 - Selling by weight?
 - Buy a legal for trade scale
 - Use correct scale size
 - Get a scale inspection
- Voluntary Fee for Service**
 - Pest identification
 - Disease identification
 - Noxious weed identification
 - Certification services
- Water Quality**
 - Keeping your water clean?
 - Know the water quality rules
 - Follow the ag water quality plan for your area

The Oregon Department of Agriculture (ODA) administers many programs that affect agriculture producers and processors. These programs could apply to your cannabis business.

More info online: bit.do/CannabisODA
Sunny Jones, Cannabis Policy Coordinator: 503-986-4565

What is a pesticide?

- Any substance or mixture of substances intended for:
 - Preventing
 - Destroying
 - Repelling or
 - Mitigating a pest
- Plant growth regulators



Regulation of pesticides

* OR OSHA oversees worker protection standards

**ORS
634**

**Cooperative
Agreement**

FIFRA

EPA – data requirements

- Depend on proposed use(s)
 - Type of chemical: antimicrobial, biopesticide, conventional
 - Use: food involves more data than non-food
- Hundreds of studies may be required
 - Product chemistry
 - Toxicology and health effects
 - Applicator and post-application exposure
 - Residue chemistry
 - Environmental fate
 - Ecotoxicity
 - Efficacy



The label is the law

- EPA registration number
- Establishment number
- Directions for use
- Signal word
- First aid
- Ingredients statement
- Precautionary statements
- Hazard statements
- Environmental hazards
- Physical or chemical hazards
- Storage and disposal
- Warranty statement
- Net contents

Labeling requirements are product specific and are informed by the data.

25b – A bit of an exception

- “Minimum risk pesticides” pose little to no risk to human health or the environment
- E.g. castor oil, citronella oil, clove oil, garlic oil, peppermint oil, rosemary, thyme oil
- Inert ingredients considered low risk
- List all ingredients on label
- Cannot claim to control human health pests
- Cannot contain false or misleading statements

The label is the law

DoubleNickel55™
BIOFUNGICIDE
Water Dispersible Granular Biofungicide

FOR ORGANIC PRODUCTION

OMRI LISTED
For Organic Use

Active Ingredient:
Bacillus arytholiquefaciens strain D747* 25.0%
Other Ingredients: 75.0%
Total 100.0%

*Contains a minimum of 5×10^{10} colony-forming units (cfu) per gram

Net Weight: 5 Pounds
EPA Reg. No. 70051-108
EPA Est. No. 70051-CA-001
Lot No:

Manufactured by:
Certs USA, L.L.C.
9145 Guilford Rd, Suite 175
Columbia, MD 21046

CERTIS

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID - Agricultural Use

If in eyes: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product label with you when calling a poison control center or doctor.

Hot Line No. 1-800-255-3924 for additional information

**PRECAUTIONARY STATEMENTS - Agricultural Use
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION: Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixer/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning and maintaining PPE. If no instructions are available, use detergent and hot water for washables. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides, the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticides get inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS - Agricultural Use

Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply when weather conditions favor drift or runoff from treated areas.

GENERAL INFORMATION

Double Nickel 55 is a broad-spectrum preventative biofungicide for control or suppression of fungal and bacterial plant diseases. The active ingredient of Double Nickel 55 is a naturally occurring strain (D747) of the beneficial rhizobacterium *Bacillus amyloquelificans*, which colonizes roots, leaves, and other plant surfaces. D747 rapidly colonizes plant root hairs, leaves, and other surfaces, preventing establishment of disease-causing fungi and bacteria.

Double Nickel 55 can be applied alone or in combination and/or rotation with chemical fungicides as a tool for integrated disease management in agricultural crops, ornamental and nursery plants, and turfgrass, in accordance with the most restrictive of those label limitations and precautions. Double Nickel 55 offers a valuable tool for management of resistance to chemical fungicides through its multiple and unique modes of action.

Double Nickel 55 can be applied up to and including the day of harvest.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal Agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, waterproof gloves, shoes plus socks.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

MIXING AND HANDLING INSTRUCTIONS

Mix the required amount of Double Nickel 55 in cool water with sufficient agitation to maintain a uniform suspension in the spray or mixing tank. Tank should be cleaned prior to use. Do not use highly alkaline or highly acidic water to mix sprays. Use a buffering agent if necessary to maintain neutrality (pH 6 to 8) of water in the tank. Maintain agitation during application. Apply immediately after mixing; do not allow spray mix to stand overnight.

CROPS	DISEASES/PATHOGENS (See footnotes for additional information)
Vegetables and melons (<i>continued</i>)	
Bulb vegetables such as onions, garlic, shallots, and others (including those grown for seed production).	<i>Botrytis</i> spp. (neck rot, leaf blight) Purple blotch (<i>Alternaria</i> spp.) Downy mildew (<i>Peronospora</i> spp.) Powdery mildew (<i>Erysiphe</i> spp.) Rust (<i>Puccinia</i> spp.) White rot (<i>Sclerotium cepivorum</i>) "Damping off," seedling blights, and root or crown diseases caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Phytophthora</i> , or <i>Verticillium</i> spp. (see instructions below for "Soil application").
Cucurbits such as cucumbers, squash (all types), cantaloupes, muskmelons, watermelons, and other melons (including those grown for seed production).	Powdery mildew (<i>Erysiphe</i> and <i>Sphaerotheca</i> spp.) Downy mildew (<i>Pseudoperonospora</i> spp.) Gummy stem blight (<i>Didymella bryoniae</i> and <i>Phoma cucurbitacearum</i>) See instructions below for "Soil application" against the following diseases: Vine decline (<i>Monosporascus cannonballus</i>)** Charcoal rot (<i>Macrophomina phaseoli</i>)** "Damping off," seedling blights, and root or crown diseases caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Phytophthora</i> , or <i>Verticillium</i> spp.
Fruiting vegetables such as tomatoes, peppers, eggplant, tomatillo, okra, and others (including those grown for seed production).	Bacterial spot (<i>Xanthomonas</i> spp.)** Bacterial speck (<i>Pseudomonas syringae</i> pv. <i>tomato</i>)** Gray mold (<i>Botrytis cinerea</i>) Powdery mildew* (<i>Leveillula</i> , <i>Oidopsis</i> , <i>Erysiphe</i> , and <i>Sphaerotheca</i> spp.) Early blight (<i>Alternaria solani</i>)* Late blight (<i>Phytophthora infestans</i>)* See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Phytophthora</i> , or <i>Verticillium</i> spp. Southern blight (<i>Sclerotium rolfsii</i>)* and**

APPLICATION METHODS

Ground: Double Nickel 55 can be applied in most commonly-used ground application equipment, such as tractor-mounted boom, airblast, high clearance, hose-end, backpack, and other pressurized sprayers; hose-end or hand-held sprayers; foggers or mist blowers; water wheel and other drench applicators; and shank or other soil injection method.

Aerial: Double Nickel 55 can be applied by fixed or rotary winged aircraft in a minimum of 3 gallons of water per acre. Standard precautions should be taken to minimize spray drift.

Chemigation: Double Nickel 55 can be applied through drip (trickle) and sprinkler type irrigation equipment. Refer to the section entitled "Chemigation Instructions" for detailed instructions.

Agricultural crops

CROPS	DISEASES/PATHOGENS (See footnotes for additional information)
Vegetables and melons	
Brassica vegetables such as broccoli, cabbage, cauliflower, Brussels sprouts, kohlrabi, and other cole crops (including those grown for seed production).	Pin rot complex (<i>Alternaria/Xanthomonas</i> *) Leaf spots (<i>Alternaria</i> spp., <i>Xanthomonas</i> spp.) Downy mildew (<i>Peronospora</i> spp.) Powdery mildew (<i>Erysiphe polygoni</i>) "Damping off," seedling blights, and root or crown diseases caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Phytophthora</i> , or <i>Verticillium</i> spp. (see instructions below for "Soil application").

(continued)

Leafy vegetables such as head and leaf lettuce, celery, spinach, radicchio, arugula, watercress, and others (including leafy Brassica vegetables such as mustard and collard greens, kale, bok choy, and related crops), including those grown for seed production.	Downy mildew (<i>Bremia lactucae</i> , <i>Peronospora</i> spp.) Powdery mildew (<i>Golovinomyces (Erysiphe) oicharacearum</i> *) Bacterial blights Head and leaf drop (<i>Sclerotinia</i> spp.) Pink rot (<i>Sclerotinia sclerotiorum</i>) Leaf spots (<i>Cercospora</i> spp.) See instructions below for "Soil application" against the following diseases: "Damping off," seedling blights, and root or crown diseases caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Phytophthora</i> , or <i>Verticillium</i> spp. Bottom rot (<i>Rhizoctonia solani</i>)
Legume vegetables succulent and dried beans and peas such as green, snap, shell, and Lima beans, garbanzo beans, chickpeas, soybeans, dry beans, peas, split peas, lentils, and other legumes, including those grown for seed production.	White mold (<i>Sclerotinia olerorum</i>) Gray mold (<i>Botrytis cinerea</i>) Powdery mildew (<i>Microsphaera diffusa</i>) Rusts*, including <i>Uromyces appendiculatus</i> , <i>Puccinia</i> spp., and Asian soybean rust (<i>Phyosopora pachythizi</i>) "Damping off," seedling blights, and root or crown diseases caused by <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Phytophthora</i> , or <i>Verticillium</i> spp. (see instructions below for "Soil application").

(continued)

Footnotes:

- *Suppression only; for improved control mix or rotate with chemical fungicide approved for such use. **NOT FOR USE IN CALIFORNIA - Tank mix or rotate with copper-based fungicides at label rates for improved control.
- 1 Apply at or immediately following planting (but before plant emergence) as a banded seedline treatment 4 to 6 inches wide. Make second application at thinning or cultivation in sufficient water and multiple nozzles to ensure thorough coverage of lower leaves and surrounding soil surface. Incorporation with light irrigation after application may improve disease control. Repeat at 10-14 day intervals if conditions promoting disease persist.
- 2 For greasy spot suppression, apply at first new foliar flush and repeat with each new flush. Tank mix with spray oil or copper based fungicide at labeled rates.
- 3 For suppression of citrus scab, start applications at first new foliage flush and repeat at petal fall and when fruit are 1/2 inch in diameter.
- 4 Make first application at or before tight cluster if conditions favor disease development. Repeat at 7-10 day intervals through the second cover spray or longer on susceptible varieties or if environmental conditions favor rapid disease development.
- 5 Begin applications before bloom when environmental conditions favor disease development, repeating at 7 to 14 day intervals or as needed. Control may be enhanced by addition of a surfactant to improve spray coverage. Use only surfactants known to be safe for use on the crop and for which such use is allowed.
- 6 Rotate with antibiotics registered for fire blight control for improved performance. Begin applications at 1-5% open blossoms and repeat every 3-7 days as necessary until petal fall, when intervals can be increased to 7 days. Double Nickel 55 can also be used in summer "cover spray" applications to control the shoot blight phase of fire blight and summer diseases. Can be mixed with copper fungicides to improve control.
- 7 Make first application at popcorn stage and repeat every 7 days.
- 8 Start applying at early bloom stage and repeat every 7 days through petal fall.
- 9 Pre-harvest applications in sufficient water to cover fruit or other harvested plant parts may improve control of postharvest infections.
- 10 Begin applications at or before pistillate bloom, repeating every 7-10 days. Apply before rainfall if possible, and tank mix or rotate with a copper-based bactericide registered for such use for improved control.
- 11 Start applications at or just before flowering and repeat every 7-10 days as needed through harvest.
- 12 Apply before fall rains and again during dormancy before spring growth.
- 13 Start applications when new shoots are 1/4 to 1 1/4 inches long. Repeat at 3-5 inches, 8-10 inches, and then at 7-10 day intervals until disease conditions no longer exist.
- 14 Apply at bloom, before bunch closure, at veraison, and before harvest.
- 15 Apply when shoots are 1/2 to 1 inch long and again when 6-8 inches long.
- 16 Mix 1 ounce Double Nickel 55 per gallon of water and apply to pruning wounds.
- 17 Apply at budbreak and repeat on 14-21 day interval as needed through harvest.
- 18 Apply at flowering and repeat on 14-21 day interval as needed through harvest.
- 19 Apply at first appearance of leaves and repeat at 7-21 day intervals as needed, in sufficient water to obtain thorough coverage of foliage. Tank mix with spray oil or other registered fungicides for improved control.
- 20 Mix 0.5-1 lb Double Nickel 55 per 100 gallons of water and apply in minimum of 20 gallons per acre from emergence to training, 50 gallons per acre from training to wire, and 100 gallons per acre from wire touch through harvest.
- 21 For treatment of horseradish or strawberry roots immediately before transplanting: immerse bare roots (individually or in bunches) for 10 seconds in a suspension of 2-4 ounces Double Nickel 55 per gallon of water.

Foliar application: For control of diseases on foliage, flowers, fruit, or other above-ground parts of plants: Mix Double Nickel 55 in water and apply as a spray at a rate of 0.25 to 3 pounds per acre in sufficient water to achieve thorough coverage of the crop canopy with minimal runoff. Begin applications at crop emergence, transplanting, or when conditions are conducive to development of disease. Repeat application every 7 to 10 days, or as needed, for as long as conditions favor disease development. Lower rates (0.25 to 1 pound per acre) may be applied under light disease pressure, to smaller (e.g. newly-emerged) plants, or when Double Nickel 55 is used in a tank mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (1 to 3 pounds per acre), apply more frequently (every 3 to 7 days), and mix or rotate Double Nickel 55 with other fungicides for improved performance.

Soil application: For control of soilborne diseases infecting seeds, seedlings, roots, crown, stems, or other plant parts below ground or in contact with soil: Apply Double Nickel 55 at 0.125 to 1 pound per acre. Mix the required amount in sufficient water to apply by one of the following methods:

- Soil drench applied to transplants in flats or pots in the greenhouse or nursery any time prior to transplanting (see additional drench instructions under "Nurseries, greenhouses, shade houses, and ornamental plants" below).
- Soil drench at transplanting, using a "water wheel" injector, spray nozzles/hoses, or other method to drench each root ball and/or planting hole.
- Soil or seedline drench, or banded spray (in-furrow) at planting. See the section on "Banded (in-furrow) application" below for additional instructions.

Follow-up (post-planting) preventative applications can be made every 2-4 weeks by one or more of the following methods, if needed:

- Drip (trickle) or any type of sprinkler irrigation, any time after planting or transplanting. See Chemigation Instructions for additional information.
- Spray directly onto the soil surface and/or lower plant parts. If targeting root disease, follow immediately with sufficient overhead sprinkler irrigation to move Double Nickel 55 to the root zone.
- Injection directly into the rooting zone using shanks or similar equipment.

Lower rates (0.125 to 0.5 pounds per acre) may be applied under light disease pressure, to smaller plants, or when Double Nickel 55 is used in a tank mix with other fungicides whose labels allow such use. Under moderate to severe disease pressure, or when environmental conditions and plant stage are conducive to rapid disease development, use higher label rates (0.5 to 1 pound per acre), apply more frequently (every 2 weeks), and mix or rotate Double Nickel 55 with other fungicides for improved performance.

Banded (in-furrow) application: Use the table below to determine the correct application rate of Double Nickel 55 per 1,000 row feet, based on row spacing and desired rate per acre. Mix the required amount of Double Nickel 55 in water and apply as banded spray (4" to 6" wide) or seedline drench centered over the planting furrow. Apply directly over seeds in the furrow just before they are covered with soil. The volume of water required per acre or per 1,000 row feet will depend on the application equipment used. Consult your local cooperative extension service if you need assistance calibrating band spraying equipment.

Rates for banded (in-furrow) application: Find desired application rate in the left column. Read across that line to the correct row spacing indicated at the top to find the number of ounces (dry) per 1,000 row feet that will provide the desired application rate per acre. To convert to level teaspoons, multiply the number of ounces by 8.2. For level tablespoons, multiply the number of ounces by 2.75.

Rate/acre (pounds)	Space between rows (inches)														
	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
0.25	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
0.5	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
0.75	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9
1.0	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2
1.25	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5
1.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8
1.75	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
2.0	0.7	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4
2.25	0.8	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.8
2.5	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1
2.75	1.0	1.2	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.4
3.0	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.9	3.1	3.3	3.5	3.7

Nurseries, greenhouses, shadehouses, and ornamental plants

Spray application: Mix 0.25 to 3 pounds of Double Nickel 55 per 100 gallons of water and apply as a foliar spray of sufficient volume to wet the entire plant with minimal runoff. Begin preventative applications at plant emergence and repeat every 3-28 days as needed (every 3-7 days if disease pressure is high or environmental conditions are highly favorable to disease outbreak, 10-28 days under low pressure or less conducive conditions).

Drench application: Mix 0.125 to 2 pounds of Double Nickel 55 per 100 gallons of water and apply as a drench or coarse spray to soil or other growing media in pots, flats, plugs, trays, or planting beds, for control or suppression of soilborne diseases of seedlings, cuttings, bedding plants, and transplants (including vegetables and other transplanted food crops). Make first application at or immediately before seeding, sticking, germination, or transplanting.

Repeat applications every 14-28 days as needed. Transplants can be treated immediately before transplanting into field soils to protect against damping-off and other diseases that reduce plant establishment.

Cutting or root dip: Dip basal end of cuttings or bare roots (individually or in bunches) in a suspension of 1 to 2 pounds of Double Nickel 55 per gallon of water. Immerse for 5-10 seconds immediately before planting.

Chemigation: Mix 0.125 to 2 pounds of Double Nickel 55 per 100 gallons of water and apply via drip, handheld, or sprinkler irrigation systems. Refer to "Chemigation Instructions" for more details.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. **Pesticide Storage:** Store in a dry area inaccessible to children. Store in original containers only. Keep container closed when not in use. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility. **Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CHEMIGATION INSTRUCTIONS General information:

Apply this product only through drip (trickle) irrigation (including micro-irrigation through spaghetti tubes or individual tubes) or sprinkler irrigation (including impact or micro-sprinklers, overhead boom, solid set, lateral move, end row, side-roll, center pivot, or hand move, including mist-type systems), or with hand-held calibrated irrigation equipment (such as a hand-held wand with injector). Do not apply this product through any other type of irrigation system. Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.

If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

6. Systems must use a metering pump such as a positive displacement injection pump (i.e., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Dilute the product in water following the label mixing directions. It may be premixed in a supply tank with water, fertilizer, or other appropriate tank-mixed agricultural chemicals. Agitation is necessary. Apply to moderately moist soils. Use volumes that thoroughly wet the soil but that do not cause significant runoff or excessive drip from pots. Application should be continuous in sufficient water to apply the recommended rate evenly to the entire treated area.

Sprinkler chemigation:

1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (i.e., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Dilute the product in water following the label mixing directions. It may be premixed in a supply tank with water, fertilizer or other appropriate tank-mixed agricultural chemicals. Agitation is necessary. Apply to moderately moist soils. Use volumes that thoroughly wet the soil but that do not cause significant runoff or excessive drip from pots. Application should be continuous in sufficient water to apply the recommended rate evenly to the entire treated area.
8. Do not apply when wind speed favors drift beyond the area intended for treatment.

ODA jurisdiction – ORS 634

- FIFRA compliance monitoring for EPA
 - Inspections
 - Pesticide registration and use regulation
- Oregon Pesticide Control Act
 - Sales, use, and distribution
 - Pesticide use licensing and recertification
 - Pesticide registration
 - Routine compliance monitoring
 - Pesticide use investigations



Tolerances

- Amount of pesticides that may remain in or on foods in the US
- Established for each crop use of a pesticide after developing a risk assessment that considers:
 - Aggregate, non-occupational exposure (diet, drinking water, and from pesticides used in and around the home)
 - Cumulative effects from pesticides that have a common mechanism of toxicity)
 - Increased susceptibility to infants and children or other sensitive subpopulations?
 - Endocrine disruption effects?

“a reasonable certainty that no harm will result from aggregate exposure”

ODA guide list criteria

- Active ingredient is exempt from the requirement of a tolerance on all food crops
- Product label includes directions for use on:
 - Unspecified food crops (bedding plants, outdoor or enclosed facility), or
 - Unspecified home garden plants, or
 - Unspecified herbs (bedding plants, outdoor or enclosed facility), or
 - Unspecified plants or crops
- Did not fail a pyrolysis test if conducted

How does pesticide enforcement work?

- **Routine inspections**
 - Application record inspection, dealer record inspection, marketplace inspection, worker-protection standard
- **Use follow-up investigations**
 - Non-ag use follow-up, ag use follow-up
- **Use observations**
 - Non-ag use observation, ag use observation

Use follow-up investigation

- **Develop evidence**
 - Interviews
 - Application records
 - Product labels
 - Site visit – photos
 - Samples
 - Equipment information
 - GPS records
 - Weather data
- **Report**



Examples of some failed tests

Active Ingredient	Range found PPM	OHA Action Level in PPM
Abamectin	0.76 – 0.84	0.5
Etoxazole	0.22 - 2.97	0.2
Malathion	1.71 – 7.94	0.2
Myclobutanil	0.30 – 60.46	0.2
Piperonyl butoxide	3.61 – 16.24	2
Pyrethrins	6.31 – 16.31	1
Spinosad	0.21 – 42.06	0.2

MJ compliance assistance program (MCAP)

- Temporary program to assist cannabis growers learn how to comply with pesticide law
- Consent agreement with grower
- ODA violation does not affect grower's OHA or OLCC license status
- Violation record with ODA
- Grower or representative passes ODA license test

MJ compliance assistance program (MCAP)

- **Grower provides list of products used**
- **Grower provides list of mj inventory either growing or in possession**
- **Grower agrees to a site visit from ODA**
- **Grower shows WPS video to employees**

ODA email listserv

- **oda.fyi/subscribe**
- **Additions and removals from guide list**
- **Adulterated products**
 - **Guardian - abamectin**
 - **Mega Wash - pyrethrins**
 - **Olivia's Cloning Gel – indole-3-butyric acid**
- **Other ODA cannabis specific information**





metrc[®]

**OHA – OLCC
Cannabis Tracking System Workshop
Spring 2018**

Adam McKinley
Program Manager

Agenda

- Introduction
- What is Metrc
- How does Metrc work
- Setting up your account
- Training and support

[HTTPS://or.metrc.com](https://or.metrc.com)



What is Metrc?

Scope

- Metrc™ is a compliance management solution used by regulatory bodies for the oversight of the marijuana industry.
- Metrc is a cloud hosted on-line software reporting system used by licensed marijuana businesses to manage and report supply chain activities as required by state rules.



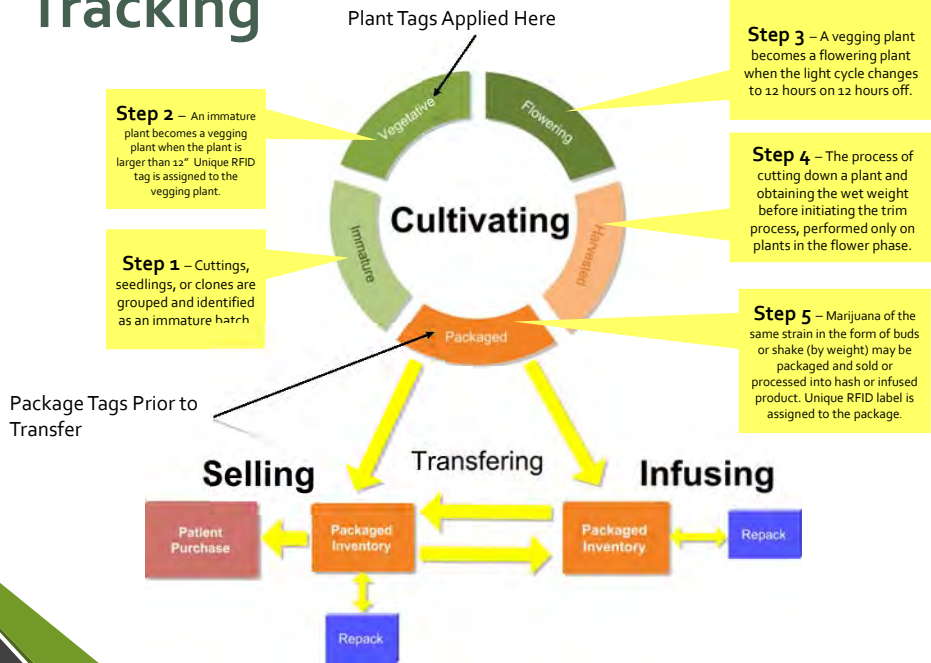
How Metrc is Built

- Private dedicated hardware
- Secure on-line access
- Real-time with data backup and failover



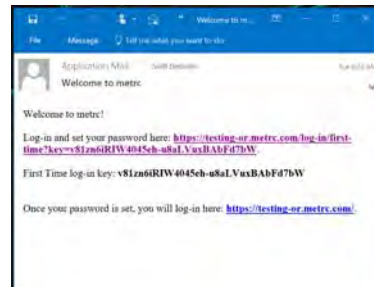
How Does Metrc Work

Tracking



Setup Personal Profile

- After you have registered as a GSA
- First time credentialing
- "Welcome to metrc" email,
- Follow these steps to complete your login credentials:
- Click the link. You will be directed to the website.
- Setup a user Profile



Initial Setup Process

1. Receive Metrc Administrator credentials
2. Add facilities
3. Select facility
4. Add:
 - A. "Employees"
 - B. Strains
 - C. Rooms (Producer Only)
5. For each facility add:
 - A. Items
 - B. Order tags
6. When tags arrive, receive tags in metrc

** When adding Employees, make sure their Home page (page that shows when they log in) is a page they have permissions for.

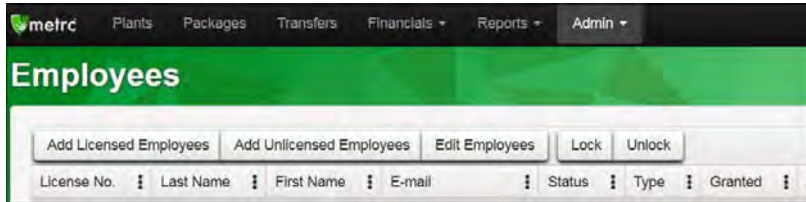


Facility Selection

- ☛ In the upper right hand corner, select from a list of facilities.
- ☛ If you are an employee of a single facility, you will only see one option.

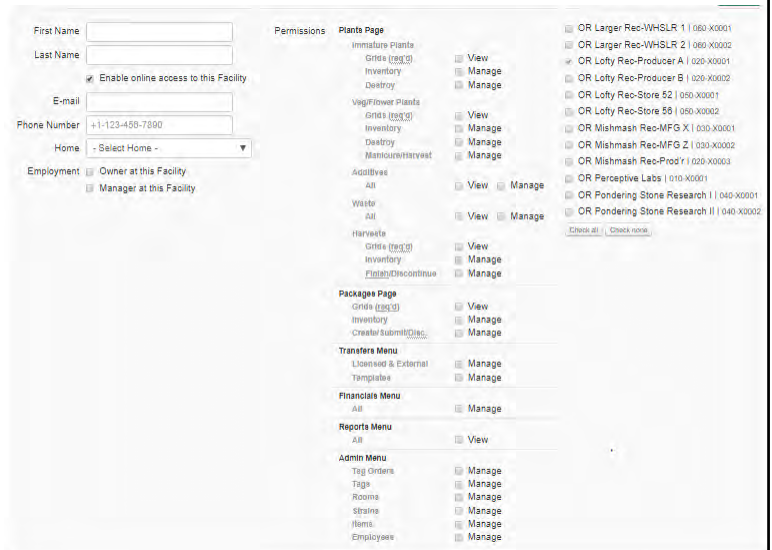
OR Larger Rec-WHSLR 1 600-X0001	
OR Larger Rec-WHSLR 1	600-X0001
OR Larger Rec-WHSLR 2	600-X0002
OR Lofty Rec-Producer A	300-X0001
OR Lofty Rec-Producer B	300-X0002
OR Lofty Rec-Store 52	200-X0001
OR Lofty Rec-Store 56	200-X0002
OR Mishmash Rec-MFG X	400-X0001
OR Mishmash Rec-MFG Z	400-X0002
OR Mishmash Rec-Prod'r	300-X0003
OR Perceptive Labs	500-X0001
OR Pondering Stone Research I	700-X0001
OR Pondering Stone Research II	700-X0002

Adding Employees



Employees who do not have Marijuana Handler Permit username will be their Last Name and their birthday MMY

Employees



Setup Product Profile

Items

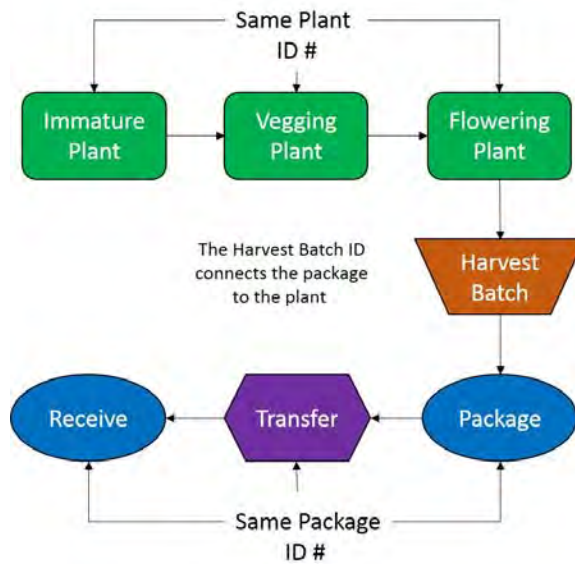
- Item names are used to identify what type of item is packed into a package.
- Category
- Type of product
- Quantity
- Unit of measure
- Used for traceability and recalls if necessary.

Categories

- Buds (by strain)
- Capsule
- Capsule (each)
- Combined Category
- Combined Category (each)
- Concentrate
- Concentrate (each)
- Extracts
- Extracts (Each)
- Immature Plants
- Seeds (each)
- Seeds (weight)
- Shake/Trim (no strain)
- Shake/Trim (by strain)
- Suppository
- Suppository (each)
- Tinctures
- Tinctures (each)
- Topicals
- Topicals (each)
- Transdermal Patch
- Transdermal Patch (each)
- Waste
- Whole Harvested Plant

Tags and Tracking

Chain of Custody



Tagged Inventory in Metrc

- There are two types of tagged inventory in Metrc; **Plants** and **Packages**.
- **Plants** are immature, vegetative, or flowering. All plants must enter the system through immature plant batches. However, immature plants will be entered as un-tagged Planting Groups in Metrc.
- **Packages** are created from immature plants, harvest batches or other packages.



Ordering Tags

- Tags are ordered from the Admin function
- Tags can be ordered via Credit Card, Money Order or check (money order and check orders will not be printed and shipped until payment is received)
- Payment information is not required to be the licensee or the business owner
- Each facility must have billing information entered
- Tags will be sent by UPS (No PO Boxes)
- Expedited Shipping (Air or Overnight & Saturday) **Must be emailed in before 11am EST Mon - Fri**
- Tag cost .45 plant & strap or .25 package

Facility Name

License Number


Identifier

Order Information

Identification Number

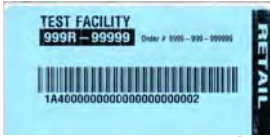

Metrc Seal

Plant



Package

- Peel and stick – adhesive backing.
- Package tag is used for transferring packages and tracking of finished product for each licensee in the chain of custody.
- The package tag is perforated with the "Package ID #" printed on the upper and lower sections. (example: can be used for jar labeling in order to identify associated package).

Tag Attached to Plants







Attachment to Small Plant



Point of strap used for inserting into small plant container



Strap inserted into growth media

Plant Tag Strap User Instructions



Notch

Multi-Use straps

When assembling the tag to a strap, move the tag up until the notch catches the label through the hole, so that the label will not slide down.



When hanging the tag, release one end of the label, then tie the strap around the plant.



Metric Plants



Plants

- All clones must be moved to Veg by 24"
- Number of groups is unlimited

Plant Tracking

- Each phase of plant life captured
- Each plant location captured
- Ability to destroy or place plants on hold

- Each plant uniquely serialized
- Complete event history

Tag	Room	Employee	Date	Phase
ABCDEF1234567890101011	AA-47	SCOTT DENHOLM (K0398)	08/22/2014	Sighted
		SCOTT DENHOLM (K0398)	08/19/2014 01:10 am	
		SCOTT DENHOLM (K0398)	08/19/2014 01:10 am	
		SCOTT DENHOLM (K0398)	08/19/2014 01:10 am	
		SCOTT DENHOLM (K0398)	07/23/2014	

Harvest Tracking

Harvest details captured

Each harvest captured

All associated plant data captured

Harvest Batch	Type	Room	Net Weight	On Hold	Batch Date
2014-07-30-Harvest Room A	Harvest	Harvest Room	40 oz	NO	07/30/2014
2014-07-30-Harvest Room B	Harvest	Harvest Room	40 oz	NO	07/30/2014
GA Red Kush 3-2	Harvest	Harvest Room	516.8 g	NO	09/22/2014
GA Red Kush 3-0	Harvest	Harvest Room	396.8 g	NO	08/30/2014
GA Red Kush 10-1	Harvest	Harvest Room	40 oz	NO	10/01/2014
GA Red Kush 10-2	Harvest	Harvest Room	40 oz	NO	10/02/2014
Spring HA 10-15-15	Harvest	Harvest Room	15.19 g	NO	10/19/2014

Packages

Packages - Definition

- Any amount of marijuana or infused product that may be sold, processed or transferred and must be placed into one or more containers, each having a unique tag created in Metrc.
- Any product intended for transfer must have a package tag.
- Metrc allows you to repack any package into a new package.



Package Tracking

Each package uniquely serialized

Complete package status & history

Tag	Harvest	Item	Category	Quantity	First Batch	Lab Testing	On Hold	Date
ABCDEF0123456789010741	2014-07-30-Harvest Room-31	Balis	Balis	1 qt	No	NotSubmitted	No	08/09/2014
Description: Packaged 1 Quince of Balis from Harvest '2014-07-30-Harvest Room-31'								
Employee: SCOTT DENHOLM (80599)								
Date Reported: 08/09/2014 09:19:2014 01:10 am								

Tag	Harvest	Item	Category	Quantity	First Batch	Lab Testing	On Hold	Date
ABCDEF0123456789010742	2014-07-30-Harvest Room-H	Balis	Balis	1 qt	No	NotSubmitted	No	08/09/2014
ABCDEF0123456789010743	2014-07-30-Harvest Room-31	Balis	Balis	1 qt	No	NotSubmitted	No	08/09/2014

All associated plant data captured

Transfers

Transfers

- A transfer must be created anytime a package moves from one physical location or registrant to another.
- A transfer can be rejected by package or completely.
- A rejected package will require the originating registrant to receive the package back into their custody.

MARIJUANA ENFORCEMENT DIVISION
MARIJUANA TRANSPORTATION MANIFEST

10/28/2014

Manifest #:	00000004	Date Completed:	11/08/2014
Carrier # of Originating Firm:	00000000	For MTD Use Only:	
Address of Originating Firm:	2500 SW 48th Avenue, Fort Lauderdale, FL 33309		
Address of Originating Firm:	2500 SW 48th Avenue, Fort Lauderdale, FL 33309		
Phone # of Originating Firm:			
Phone # MTD Can Call with Questions:	(305) 494-7266		
DESTINATION:	OR LOFTY ESTABLISHMENT, LLC	Destination Phone #:	(305) 555-1234
City:	Fort Lauderdale	State:	FL
Address of Destination:	2500 SW 48th Avenue, Fort Lauderdale, FL 33309	City and Zip:	Fort Lauderdale, FL 33309
Address of Destination:	2500 SW 48th Avenue, Fort Lauderdale, FL 33309	City and Zip:	Fort Lauderdale, FL 33309
Phone to Be Tracked:		Phone to Be Tracked:	
Use the box below:		Use the box below:	
Item Description:	Item Label:	Weight/Quantity:	
Item Description:	Item Label:	Weight/Quantity:	
Item Description:	Item Label:	Weight/Quantity:	
Item Description:	Item Label:	Weight/Quantity:	
Item Description:	Item Label:	Weight/Quantity:	
PRODUCT REJECTION (if only a portion of shipment is rejected, circle that portion above)			
Reason for Rejection:			
Signature of individual being traced:			
Signature of Person Transporting:		Registration License # of Person Transporting:	
Registration License #:		Registration License #:	
Phone No.:		Phone No.:	
Manifest Number:		Manifest Number:	

External Transfers

Incoming or Outgoing

The screenshot shows the 'External Transfers' page with a table of records. The table has columns for Manifest, Origin, Type, Transporter, Driver, Vehicle Info, Pkg's, ETD, ETA, and Received. A single record is visible with the following details:

Manifest	Origin	Type	Transporter	Driver	Vehicle Info	Pkg's	ETD	ETA	Received
00000251	OSAMA Produce Types	Lic Number Req	000000 ORLOFTY ESTABLISHMENT, LLC	2004	Make: Chevy Model: F150 Lic Plate: R33LPORD	1	01/03/2018 07:07 pm	01/03/2018 07:07 pm	

Incoming Transfer

The screenshot shows the 'Incoming Transfer' form with the following fields and values:

- Phone No: 123456789012
- Transporter: 020-X0001
- Employee ID: X00420
- Driver's Name: Jesse
- Driver's Lic. No: N1234567890
- Phone No: +1-800-420-1234 (use default)
- Planned Route: OK
- Vehicle: Chevy F150 R33LPORD
- Vehicle Make: Chevy
- Vehicle Model: F150
- License Plate: R33LPORD
- Est. Departure: 01/12/2018 today, 11:11 AM
- Est. Arrival: 01/12/2018 today, 12:11 PM
- Package # 1: Blaze Peppermint Bark Bars, Quantity 100, Each
- Package # 2: Buds - AK-47, Quantity 100, Grams
- Package Date: 01/12/2018 today

Buttons: Register Transfer, Cancel

Completing Incoming External Transfer

View Manifest

Incoming Outgoing

New Transfer

Manifest	Origin	Type	Transporter	Driver	Vehicle ID	Eng's	ETD	ETA	Received
000003401	12345	ET (Start-up Inventory)	OR LOFTY ESTABLISHMENT, LL	JESSE	Make: Chevy Model: F150 Lic Plate: R33LF0RD	2	01/03/2018 11:11 am	01/03/2018 12:11 pm	Start Complete View
000002501	12345789 Kilobay Farms	Lic Number Req	OR LOFTY ESTABLISHMENT, LL	JESSE	Make: Chevy Model: F150 Lic Plate: R33LF0RD	1	01/03/2018 07:37 pm	01/03/2018 07:37 pm	Start Complete View

Complete Transfer

Complete Incoming Transfer

Manifest 000003401 **Transfer Type** ITR (Start-up Inventory)

Origin Lic. No. 12345 **Origin Name**

Main Phone No. 123456789012 **Mobile Phone No.**

Transporter Lic. No. 020-X0001 **Transporter Name** OR LOFTY ESTABLISHMENT, LL

Employee ID X00420 **Vehicle Make** Chevy

Driver's Name Jesse **Vehicle Model** F150

Driver's Lic. No. N1234567890 **License Plate** R33LF0RD

Phone No. for Questions +1-800-420-1234

Package # 1 Type part of the Tag number. **Shipped Qty.** 100 ea Reject

Item Blaze Peppermint Bark Bars **Receive Qty.** 100 Each

Package # 2 Type part of the Tag number. **Shipped Qty.** 100 g Reject

Item Buds - AK-47 **Receive Qty.** 100 Grams

Complete Transfer **Cancel**

External Transfers Outgoing

External Outgoing Transfer Types

New Outgoing Transfer

Type:

Transporter:
Lx. Number Req
Processing for Medical Patient
Shipper/Recipient Name Req
Unlicensed address req
Unlicensed nothing enabled

- Lookup -

Employee ID

Driver's Name

Driver's Lic. No.

Phone No. +1-800-420-MAIN (use default)

Vehicle Make

Vehicle Model

License Plate

Phone No. +1-123-456-7890

Planned Route

Est. Departure 01/12/2018 today
11 21 AM

Est. Arrival 01/12/2018 today
11 21 AM

Package # 1 Type part of Package number (clear)

(package)

(destination)

Register Transfer Cancel

External Outgoing to Patient

New Outgoing Transfer

Type: Processing for Medical Patient

Transporter: 020-30001

Employee ID: []

Driver's Name: []

Driver's Lic. No.: []

Phone No.: +1-900-420-MAIN (use default)

Vehicle Make: []

Vehicle Model: []

License Plate: []

OMMP Patient Card Number: []

Phone No.: +1-423-426-7500

Planned Route: []

Est. Departure: 01/12/2018 today
11:21 AM

Est. Arrival: 01/12/2018 today
11:21 AM

Package # 1: [] (Type part of Package number)

OMMP Patient Card Number: []

Phone No.: +1-423-426-7500

Est. Departure: 01/12/2018 today
11:21 AM

External Outgoing to Patient cont.

Package # 1: ABCDEF012345670000013026 (View)

OMMP Patient Card Number: 0987

Phone No.: 123456789012

Planned Route: KO

Est. Departure: 01/12/2018 today
12:30 PM

Est. Arrival: 01/12/2018 today
01:00 PM

Package # 1: ABCDEF012345670000013024 (View)

Register Transfer Cancel

Completing External Outgoing Transfer

View Manifest OR Lofty Rec-Producer A | 03/16/18

Incoming **Outgoing**

New Transfer

Manifest	Transporter	Driver	Vehicle Info	Stops	Qty's	Employee	Date Created
000003501	020-X0001 OR LOFTY ESTABLISHMENT, LLC	J0014	Make (Chevy) Model (F150) Lic. Plate (R33LF0RD)	1	1	METRIC INDUSTRY ADMIN	01/12/2018 11:24 am

Destination	Type	Wholesale Price	ETD	ETA	Packages
1234	Processing for Medical Patient	0.0	01/12/2018 11:23 am	01/12/2018 12:23 pm	1

Package	Harvest	Item	Category	Shipped Qty	Shipped Unit	Received Qty	Item Wholesale Price	Status
ABCDEF012345670000013026		Blaze Peppermint Bark Bars	CONFECTION (N001)	100 ea				Shipped

Page 1 of 1 | 1 item per page | Viewing 1 - 1 (1 item)

Complete
Outgoing
Transfer

Complete Outgoing Transfer

Manifest	000003501	Transfer Type	Processing for Medical Patient
Origin Lic. No.	020-X0001	Origin Name	OR LOFTY ESTABLISHMENT, LL
Main Phone No.	+1-800-420-MAIN	Mobile Phone No.	+1-800-420-CELL
Transporter Lic. No.	020-X0001	Transporter Name	OR LOFTY ESTABLISHMENT, LL
Employee ID	X00420	Vehicle Make	Chevy
Driver's Name	Jesse	Vehicle Model	F150
Driver's Lic. No.	N1234567890	License Plate	R33LF0RD
Phone No. for Questions	+1-800-420-1234		

Package # 1	ABCDEF012345670000013026	Shipped Qty.	100	ea	<input type="checkbox"/> Reject
Item	Blaze Peppermint Bark Bars	Receive Qty.	100	Each	

Transfer Tracking

Transfer manifest created, moved and monitored by the system

Detailed transfer manifest and history captured

Manifest ID	Manifest Name	Origin	Destination	Date	Status
AMC001001	AMC001001	AMC001001	AMC001001	10/10/2014	Accepted
AMC001002	AMC001002	AMC001002	AMC001002	10/10/2014	Accepted
AMC001003	AMC001003	AMC001003	AMC001003	10/10/2014	Accepted

Reports



- Sales
- Cultivation
- Transfer
- Package
- Reports configured with trend Analysis
- Exportable to MS Word, MS Excel and PDF formats

Support

Support Resources

Support Tab

- Metrc Manual/User Guide
- State Supplemental Guide
- Training

• Training

- Training is FREE
- <https://www.metrc.com/oregon>
- Please take training

• Interactive Support

- E-mail
 - Support@metrc.com
 - Metrc support line - 877-566-6506





Contact Information

Support Desk

877-556-6506

Support@metrc.com