

Working with Composites in CNCPS 6.1

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The CNCPS 6.1 program has the capability to make composites (mixes). This provides the user with the ability to make TMR's (total mixed rations) and various types of premixes (protein, energy, mineral-vitamin, etc.). These mixes can be used in rations for a specific farm or stored in your UFL (user feed library) for use in multiple farms and rations. The following steps should assist you in using this feature of the program.

1. The Composite will be made from the feeds in the Farm feed file. Make sure that all of the feeds to be used for making the composite are in this file. If additional feeds are needed, they can be transferred to the farm from either the UFL or CNCPS libraries.
2. There are 2 ways to make Composites in CNCPS 6.1. These are:

A. Using the Recipe form –

- Place the cursor in the recipe name box and Right Click.
- Select “Create Composite from this Recipe”
- Select “Feeds to use in this Composite”
- Click “Create Composite”
- Enter a name for the composite, click OK
- The composite name and amount fed will now be in the Recipe screen. The information on the individual feeds is no longer displayed
- To decompose this composite back to the original feeds and amounts, place the cursor on the line with the composite name and right click
- The original recipe and amounts of each feed will be displayed.
- To print the nutrient composition of this composite:
 - Go to the Feeds screen and scroll to the right
 - Place the cursor on the column with the composite and right click
 - Select “Show Feed Analysis Report”
 - The “Select Report Components” box will show
 - Select the items to include on the report
 - Click “Create Report”
 - Print the report out
- To delete a composite, right click and select delete feed
- If you want to move this composite to your UFL, right click and select Transfer to UFL”

B. Using the Composite Form

- Select “Composites” tab from the toolbar
- Blank screen should appear
- Select “Create Composite”

- Enter the name for this composite, click OK
- A new screen will appear. The name of the new composite should be in the “Composites” box.
- There should be a list of feeds in the lower left “Farm Feeds” box. These are the feeds that can be used to make the composite.
- Select the feeds that you want to use in the composite (place a checkmark in the box to the left of the feed name)
- These feeds will now be in the top right pane titled “Component Feeds”
- Select the method of entering feed amounts (Set Dry Matter Amounts or set As-Fed Amounts)
- Enter the quantity of each feed used in the composite
- Click “Save Changes”
- Note that the weighted average nutrient composition of the composite is displayed in the lower right pane
- To print the composite recipe:
 - o Right click in the “Component Feeds” box
 - o Click on “Print Composite Breakdown”
- To print the nutrient composition of the composite:
 - o Right click in the Composite Weighted average box
 - o Click on “Print Weighted Averages”
- Click the Red X in the top right corner to exit
- The composite is now saved in your Farm Feeds file (it should be the last feed in the list)
- If you want to move this composite to the UFL (User Feed Library):
 - o Place the cursor in the column with the composite name and right click
 - o Select “Transfer to UFL”. This feed can now be used on other rations or farms.

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