

AgWorks, Inc.

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Procedures for:

Setting up Blend Groups (Mix Types)

Revisions:

Version	Date	Author	Description
10.1.34 (124)	08/26/2010	Sara Toliver	Creation of document.

Warning/Notice:

- The following assumes you have already setup fertilizer products.

Procedures:

- Open AgWorks Manager
- Navigate to: Agronomy > Fertilizer Blending > Edit Fertilizer Blends
- To create a new fertilizer blend, select *Add* on the right side of this window

ID	Name	Base Nitrogen	Base Phosphate	Base Potash
29	Dry Micro Blend	46-0-0	12-24-13-7.5s-0.25zn-2.	0-0-60
30	Liquid Micro Blend	28-0-0	10-34-0	Sovereign
13	Dry	46-0-0	18-46-0	0-0-60
19	Liquid	28-0-0	10-30-0	3-9-27

4. Enter the appropriate information into the form **A**

The screenshot shows a software window for creating a dry blend. At the top, there is a 'Name' field containing 'Dry' and a 'Liquid' checkbox which is unchecked. Below this is a table of components for the blend. Each row has a 'Display Order' dropdown, a product name field, a '...' button, an 'X' button, and a 'Decimals' dropdown. The 'Calculation Order' dropdown is also present. To the right of the table are 'Service' and 'Filler' dropdowns, a 'Use Filler' checkbox, and a 'Maximum per Batch' field with a unit 'Cubic feet'. At the bottom right, there is a 'Ranco Blender' section with 'Max Dial' and 'Max Output, Lbs/Min' fields. 'OK' and 'Cancel' buttons are at the bottom center. Callouts A through H point to various elements: A points to the Name field, B to the Display Order dropdown, C to the '...' button, D to the Decimals dropdown, E to the Service dropdown, F to the Filler dropdown, G to the Maximum per Batch field, and H to the Ranco Blender section.

(Dry Blend)

- A. Enter a Name for your Blend
- B. Use the drop down list to determine the display sequence for the blend.
 - i. Note: No two components can be within the same sequence placement
- C. Add applicable products for the blend by selecting the ... button
- D. Use the drop down list to determine the decimal rounding you would like the system to calculate products at.
 - i. Select 1, if you'd like it to round to the nearest whole number
 - ii. Select 10, if you'd like it to round to the nearest ten
 - iii. Select .1, if you would like to round to the nearest tenth of a whole number
- E. Select a default service charge for this blend.
 - i. This will be associated to the Field Application when the Order is formulated".
- F. If you would like a filler to be used, select it from the product list by clicking on the ... button, and then enable *Use Filler*
- G. Enter the *Maximum Cubic Feet Per Batch*
- H. If you use a Ranco Blender, enter a maximum dial setting and maximum output.

The screenshot shows a 'Liquid Blend' dialog box. At the top left, the 'Name' field is set to 'Liquid'. Below it is a list of nutrients with their respective display orders and calculation decimals. The nutrients listed are Nitrogen, Phosphate, Potash, Zinc, Boron, Sulfur, PelLime, Fe, Mn, Mg, Cu, and Cl. Each nutrient has a dropdown for 'Display Order' and a dropdown for 'Decimals'. On the right side, there are fields for 'Service' (Liquid 1st Trip), 'Clay' (Liquid Clay), 'Maximum per Batch' (1500 Gal), 'Water Percentage' (0%), and 'Minimum Rate per Acre' (10 Gal). There are 'OK' and 'Cancel' buttons at the bottom.

(Liquid Blend)

- A. If this is a liquid blend, enable *Liquid*
 - B. Enter a Name for your Blend
 - C. Use the drop down list to determine the display sequence for the blend.
 - i. Note: No two components can be within the same sequence placement
 - D. Add applicable products for the blend by selecting the ... button
 - E. Use the drop down list to determine the decimal rounding you would like the system to calculate products at.
 - ii. Select 1, if you'd like it to round to the nearest whole number
 - iii. Select 10, if you'd like it to round to the nearest ten
 - iv. Select .1, if you would like to round to the nearest tenth of a whole number
 - F. Select a default service charge for this blend.
 - i. This will be associated to the Field Application when the Order is formulated".
 - G. If you would like a clay to be used, select it from the product list by clicking on the ... button
 - H. Enter the *Maximum Gallons Per Batch*
 - I. Enter *Water Percentage*
 - J. Enter *Maximum Rate per Acre*
5. Select OK to complete this task