

**FEED PRODUCTS**

Source: Marseilles, IL / Weeping Water, NE / Joplin, MO  
 Alternate Names: MONOCAL, Monocal Plus

CHEMICAL ANALYSIS	TYPICAL PERCENT	GUARANTEED PERCENT
Phosphorus, as P	22.8	22.7 min.
Calcium, as Ca	14.0	12.6 min. – 15.1 max.
Fluorine, as F	0.18	0.227 max.
Aluminum, as Al	0.54	
Cobalt, as Co	4.2 ppm	
Copper, as Cu	2.8 ppm	
Iron, as Fe	1.3	
Magnesium, as Mg	0.3	
Manganese, as Mn	527 ppm	
Potassium, as K	0.08	
Sodium, as Na	0.14	
Sulfur, as S	0.8	
Zinc, as Zn	113 ppm	
Moisture, as H <sub>2</sub> O	2.0	

PHYSICAL DATA	TYPICAL	GUARANTEE
SCREEN ANALYSIS - TYLER	CUMULATIVE %	
+12	0	
+100	>99	
-100	<1	
Bulk density lbs/ft <sup>3</sup>	57 - 60	
MT/m <sup>3</sup>	0.92 g/cc	
Size guide numbers (SGN)	72 - 88	
Uniformity index	>45	
Color	Gray	

**Note:** All of the above properties are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the specified typical.