



# 2-15-10

## Caliper Builder

### *DESCRIPTION*

Nelson Plant Food (NPF) specialty fertilizer 2-15-11 Caliper Builder is a granular blend that is specifically designed to accelerate a tree's natural process of increasing in caliper while it puts on top growth. The higher levels of Phosphorous and Potassium assist in providing the nutrients trees need to build their caliper. This blend is especially formulated for top dressing application methods. This product works best when applied in the months of October through the middle of December. This product supplies minimal nitrogen, during the late fall when higher levels of nitrogen are usually avoided to reduce the late season damage due to early freezes. The uncoated minor nutrient package provides important minor elements during this period of semi dormancy like Iron, Manganese Zinc and Copper to support key plant functions and to prepare for the following spring.

### *USES*

2-15-11 Caliper Builder is specifically formulated for use on tree species, especially ones that are slower to caliper or have been planted later than normal and need supplemental nutritional help to accelerate the caliper process. For use on in-ground crops of trees, call your NPF representative for specific broadcast rates.

### *PRODUCT FEATURES*

- Three different nitrogen sources.
- Contain higher levels of Phosphorous and Potassium for greater caliper growth.
- Complete micronutrient package.
- The slow release characteristics of this formulation starts releasing quickly but without worry of any salt burning.
- Only apply as a top dress.

### *PRODUCT ADVANTAGES*

- Valued priced.
- Convenient in-state blending.
- Customized formulations to meet specific crop or nursery needs.
- Custom packaging available to compliment your nursery production process.
- All products made from high quality raw materials.

### *NPF ADVANTAGES*

- No long term purchasing commitment.
- We can deliver your order to your local bark supplier for incorporation.
- Minimum order is one pallet.
- Can pick up orders to defer delivery costs.

*NPF*

*Custom fertility solutions*



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GUARANTEED ANALYSIS	
Total Nitrogen (N) .....	2.00%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	15.00%
Soluble Potash (K <sub>2</sub> O) .....	10.00%
Calcium (Ca) .....	8.30%
Magnesium (Mg) .....	3.50%
Sulfur (S) .....	7.10%
Copper (Cu) .....	0.05%
Iron (Fe) .....	3.10%
Manganese (Mn) .....	0.17%
Zinc (Zn) .....	0.07%

**Derived from:** Potassium nitrate, Triple super phosphate, Urea, Iron sulfate, Potassium sulfate, Magnesium sulfate, Manganese sulfate, Zinc sulfate, Copper sulfate, Magnesium oxide, Potassium magnesium sulfate.

**APPLICATION RATES:** It is the responsibility of the grower to determine the appropriate rate. Your rate may be higher or lower than suggested based on your growing conditions. Follow label instructions when handling all fertilizer products.

NURSERY TOPDRESS RATES PER CONTAINER (GRAMS)				
SURFACE APPLICATION RATES PER CONTAINER (GRAMS)				
Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard	Low	Med	High
Trade 1 Gallon	300	7	12	18
Trade 2 Gallon	125	14	24	36
3 Gallon	70	21	36	54
5 Gallon	52	26	44	68
7 Gallon	35	45	82	115

Larger Containers	Surface Area in sq. ft.	Low	Med	High
10 Gal - 17" diam.	1.4	52	88	136
15 Gal - 17.5" diam.	1.5	78	124	190
20 Gal - 21" diam.	2.3	104	176	272
30 Gal - 26.5" diam.	3.8	156	264	408
45 Gal - 30" diam.	4.8	234	396	612
65 Gal - 30" diam.	4.8	312	528	816
95 Gal - 36" diam.	7.1	468	792	1224
24 inch box	4	165	274	418
48 inch box	16	660	1096	1672

SUGGESTED APPLICATION RATES:			
INCORPORATION RATES	LOW	MED	HIGH
Lbs. per cubic yard	5	8.5	12

28 grams = 1 oz.      454 grams = 1 lb.  
1 Tbsp = 15 grams