Nursery Uses
River Birch and Pecans
Foliar Sprays:
Mix 1 – 2 pints per 100 gallons of water.
Thoroughly apply to foliage. Two applications per season are recommended for the correction and prevention of mouse ear.

First application 2 weeks after bud break
Second application 30 – 60 days after first application.

For severe mouse ear and to prevent mouse ear in the spring flush, apply 2 pints per 100 gallons of water in the fall before leaf drop.

Drench Application:
(Container-grown plants only)
Mix 1 gallon Nickel Plus in 100 gallons water. Apply 1 pint of drench to trees in 7-gallon containers and 1 quart in 15-gallon containers. Adjust drench rate for other container sizes. Apply one time/year in the spring, summer or fall.

Other nursery crops:
Woody ornamentals and pine seedling grown in containers in soilless potting mixes may benefit from supplemental nickel nutrition.

Rate and Timing: Apply as a foliar spray at 1 pint/100 gallons of water 2 – 3 weeks after the spring flush and repeat 1 month later. For drench applications, use 2 pints/100 gallons of water one time in late spring or when a nickel deficiency is suspected.

Directions for Use – Pecans in Orchards
For the correction and prevention of mouse ear on pecans and to reduce nut drop in June and improve disease resistance to scab. Two applications per season are recommended. The first spray for the correction and prevention of mouse ear and reduced nut drop; the second application improves disease resistance to scab.

First application: Apply 1 - 1.5 pints/acre at the Parachute stage.
Second application: Mid-July Apply 1.5 - 2 pints/acre

For severe mouse ear and newly transplanted pecan trees, apply 2 pints per acre in early October before leaf fall and in the spring at the parachute stage.

Other crops:
Nickel Plus can be used in a balanced fertility program where supplemental nickel nutrition may improve growth, quality, disease resistance and yield. Improved nickel nutrition has been shown to increase disease resistance to rust.

The addition of a non-ionic surfactant at the labeled rate is recommended to improve spray coverage.

Soybeans:
To increase root mass, nodulation and disease resistance to rust. Improved nickel nutrition of soybeans grown for seed can improve seed germination of saved seed.

Rate and timing: Ground application: Apply 12-16 oz in 15-20 gallons water per acre when soybeans are in R1 stage and again 14 to 21 days later.

Peanuts:
To increase root mass, nodulation and disease resistance to rust. Improved nickel nutrition of peanuts grown for seed can improve seed germination of saved seed.

Rate and timing: Apply 8 oz/acre at pin head square or in combination with the first and second application of a growth regulator used to control excessive vegetative growth.

Cotton:
Rate and timing: Apply 8 oz/acre at pin head square or in combination with the first and second application of a growth regulator used to control excessive vegetative growth.

Daylilies:
Nickel nutrition will improve plant resistance to rust. Apply 3pints/100 gallons of water (1 Tablespoon/gallon) at weekly intervals combined with a fungicide for 3 weeks starting in early spring when plants begin active growth. After the initial 3 sprays, apply every 14 -21 days until the plants start blooming. Retreat in the fall when weather conditions favor rust development.