FOREST PRODUCTIVITY COOPERATIVE

STRATEGIC PLANNING MEETING DAY 1

Topic: Nutrition

Breakout Group 1 (Light Purple)

HIGH PRIORITY

- Refining which/how much fertilizer to use on different soils
- Long-term nutrient availability within a rotation (magnitude and duration of response by soils)
- Overlap of topics: connectivity
- Soil mapping for potential response to fertilization and productivity

MEDIUM PRIORITY

- LAI-based rate applications
- Micronutrient applications (how, when, which ones)
- Mid-rotation fertilization: Crown recession & potential response (interactions with genetics)

LOW PRIORITY

- Long-term nutrient cycling across rotations (15N studies, litter, decomp)

NOT IMPORTANT

Breakout Group 4 (Dark Purple)

HIGH PRIORITY

- Soil mapping for potential response to fertilization and productivity
- LAI-based rate applications
- Refining which/how much fertilizer to use on different soils

MEDIUM PRIORITY

- Micronutrient applications (how, when, which ones)
- Mid-rotation fertilization: Crown recession & potential response (interactions with genetics)

LOW PRIORITY

- Long-term nutrient cycling across rotations (15N studies, litter, decomp)
- Long-term nutrient availability within a rotation (magnitude and duration of response by soils)

NOT IMPORTANT

- Member comments or new ideas in circles

Breakout Group 2 (Dark Green)

HIGH PRIORITY

- Refining which/how much fertilizer to use on different soils
- Mid-rotation fertilization: Crown recession & potential response (interactions with genetics)
- Soil mapping for potential response to fertilization and productivity
- Long-term nutrient cycling across rotations (15N studies, litter, decomp)
- Long-term nutrient availability within a rotation (magnitude and duration of response by soils)

MEDIUM PRIORITY

- Micronutrient applications (how, when, which ones)

LOW PRIORITY

- LAI-based rate applications

NOT IMPORTANT

Breakout Group 5 (Light Green)

HIGH PRIORITY

- Soil mapping for potential response to fertilization and productivity
- Long-term nutrient cycling across rotations (15N studies, litter, decomp) (P and K)

MEDIUM PRIORITY

- LAI-based rate applications
- Interaction of nutrient response and weed control
- Are there differences between lineages in nutrient response?
- Refining which/how much fertilizer to use on different soils

LOW PRIORITY

- Mid-rotation fertilization: Crown recession & potential response (interactions with genetics)
- Long-term nutrient availability within a rotation (magnitude and duration of response by soils)

NOT IMPORTANT

- Micronutrient applications (how, when, which ones)

Breakout Group 3 (Red)

HIGH PRIORITY

- Soil mapping for potential response to fertilization and productivity
- LAI-based rate applications
- Refining which/how much fertilizer to use on different soils

MEDIUM PRIORITY

- Long-term nutrient availability within a rotation (magnitude and duration of response by soils)
- Long-term nutrient cycling across rotations (15N studies, litter, decomp)
- Mid-rotation fertilization: Crown recession & potential response (interactions with genetics)
- Recomend a broader emphasis on genetic interactions on growth and stem quality

LOW PRIORITY

- Micronutrient applications (how, when, which ones)

NOT IMPORTANT

Breakout Group 6 (Yellow)

HIGH PRIORITY

- Long-term nutrient cycling across rotations (15N studies, litter, decomp)
- Mid-rotation fertilization: Crown recession & potential response (interactions with genetics)
- Micronutrient applications (how, when, which ones)

MEDIUM PRIORITY

- LAI-based rate applications
- Soil mapping for potential response to fertilization and productivity

LOW PRIORITY

- Long-term nutrient availability within a rotation (magnitude and duration of response by soils)
- Refining which/how much fertilizer to use on different soils

NOT IMPORTANT

- Member comments or new ideas in circles

Highest Priority

- Refining which/how much fertilizer to use on different soils
- Soil mapping for potential response to fertilization and productivity
- Refining which/how much fertilizer to use on different soils
- Soil mapping for potential response to fertilization and productivity
- Soil mapping for potential response to fertilization and productivity
- Long-term nutrient cycling across rotations (15N studies, litter, decomp)
- Soil P Carryover
- RW20 Resource Allocation and Nutrient Use Efficiency
- Soil Mapping