Plant Performance vs Compost Maturity Index

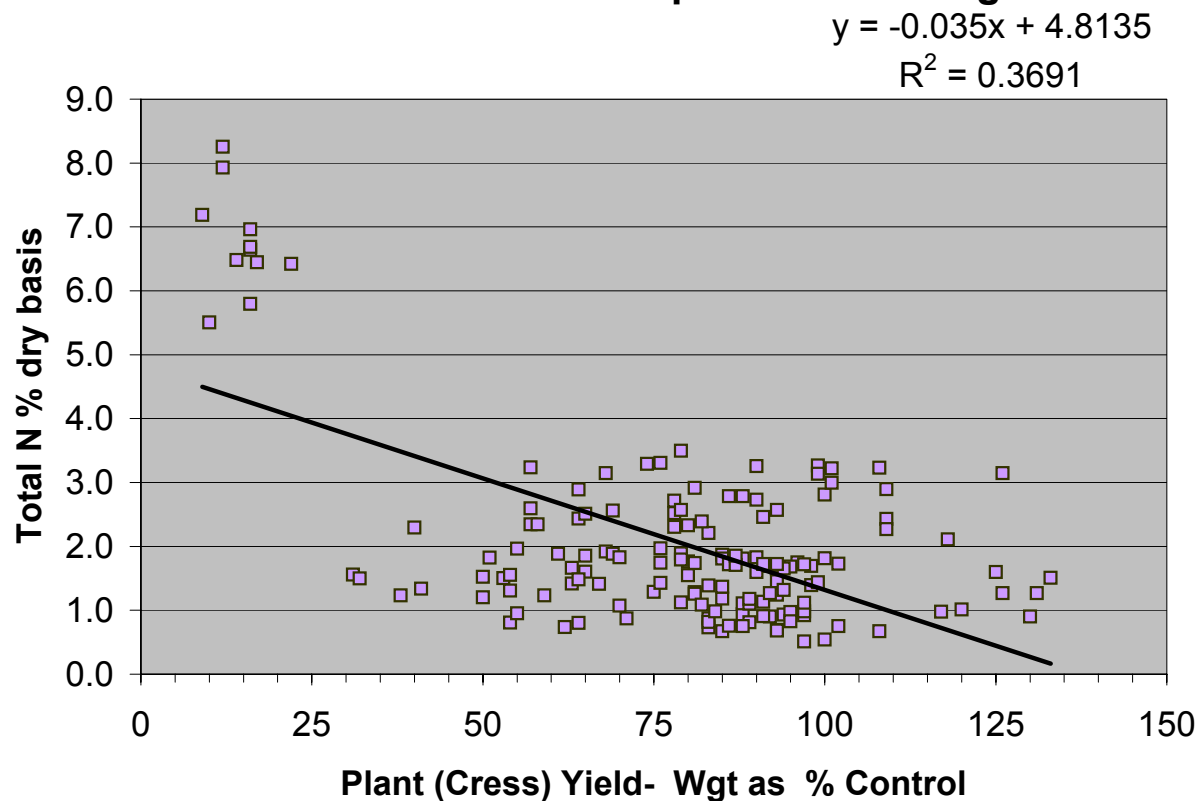
$y = 1.4617Ln(x) - 0.3932$

$R^2 = 0.3861***$

Y-axis: Maturity Index (1-8)

X-axis: Plant (Cress) Yield, %of Control

Plant Performance vs Compost CN

$y = 4.1505Ln(x) - 4.7855$

$R^2 = 0.2707***$

Y-axis: C:N of Compost

X-axis: Plant (Cress) Yield- Wgt as % Control

1
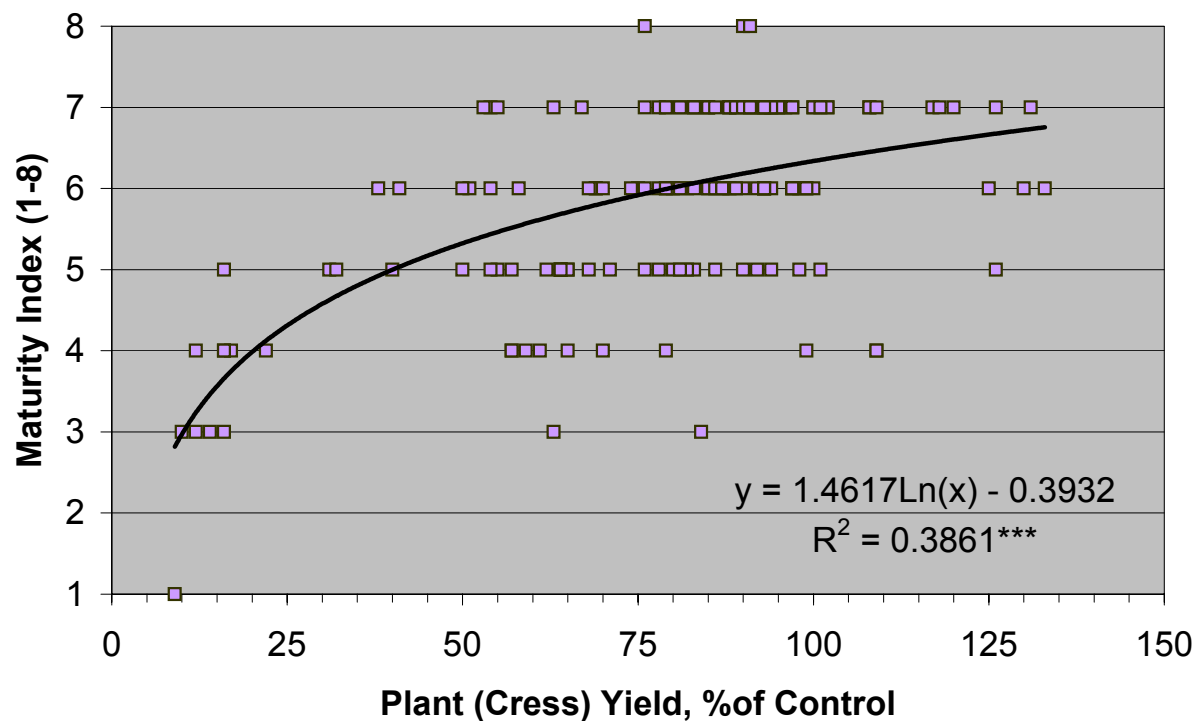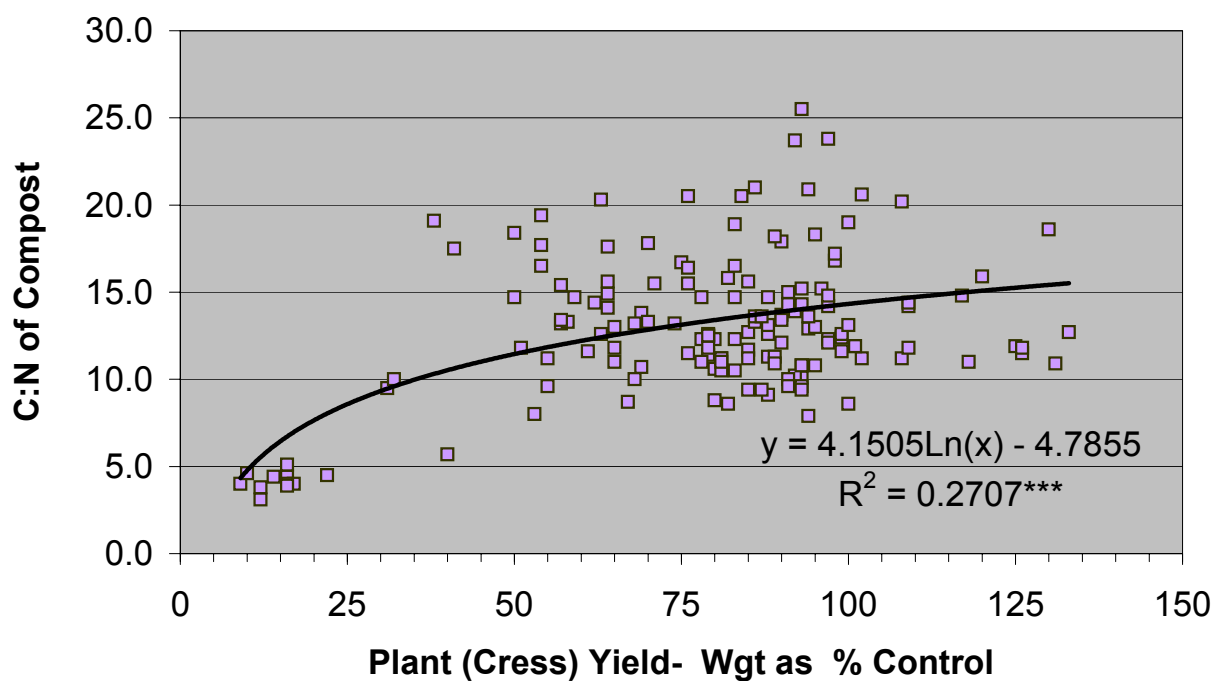
Plant Performance vs Solvita Ammonia Index

$$y = 1.5159 \text{Ln}(x) - 1.891$$
$$R^2 = 0.607$$
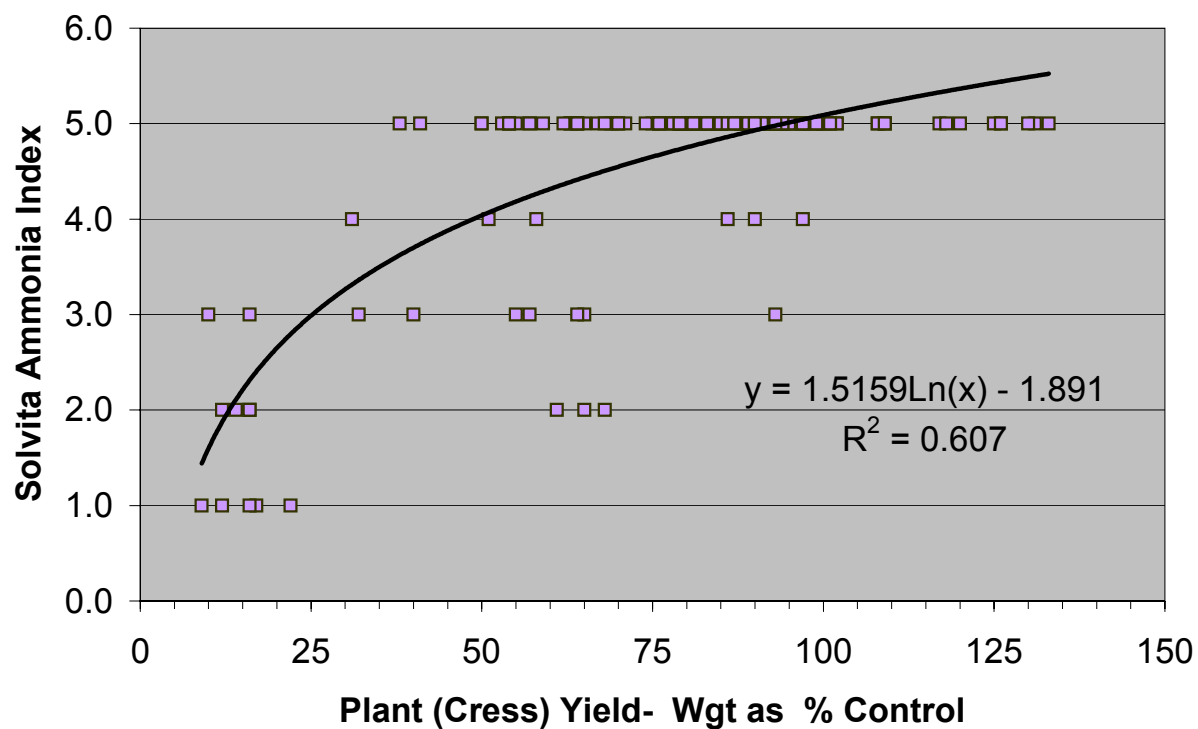
Plant Performance vs Compost Total Nitrogen

$$y = -0.035x + 4.8135$$
$$R^2 = 0.3691$$

Nitrate vs Maturity INdex

$$y = 140.28x - 439.41$$
$$R^2 = 0.1453$$
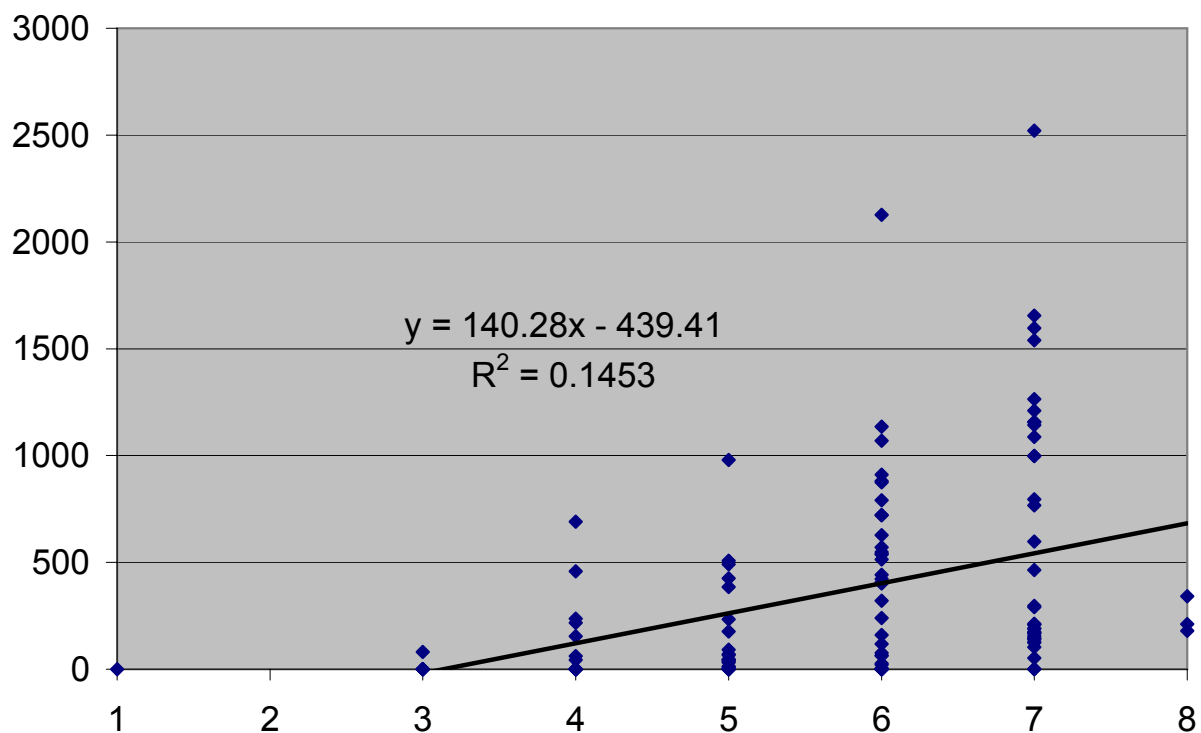
Moisture vs. Soluble Salts

$$y = -0.2222x + 18.303$$
$$R^2 = 0.3842$$

Salts (mmhos)

Moisture

pH vs. Moisture

$y = -0.0025x + 7.9753$

$R^2 = 0.0039$

Salts vs. Plant Germination

$y = -0.1742x + 22.084$

$R^2 = 0.4204$
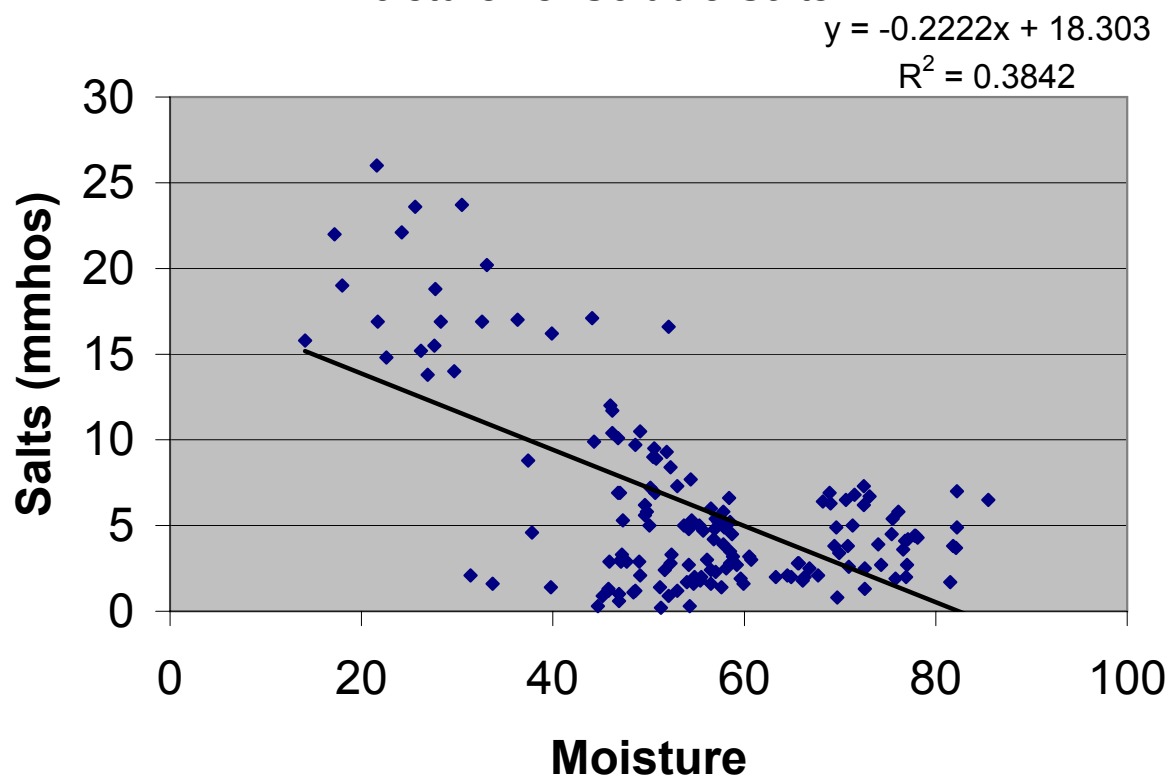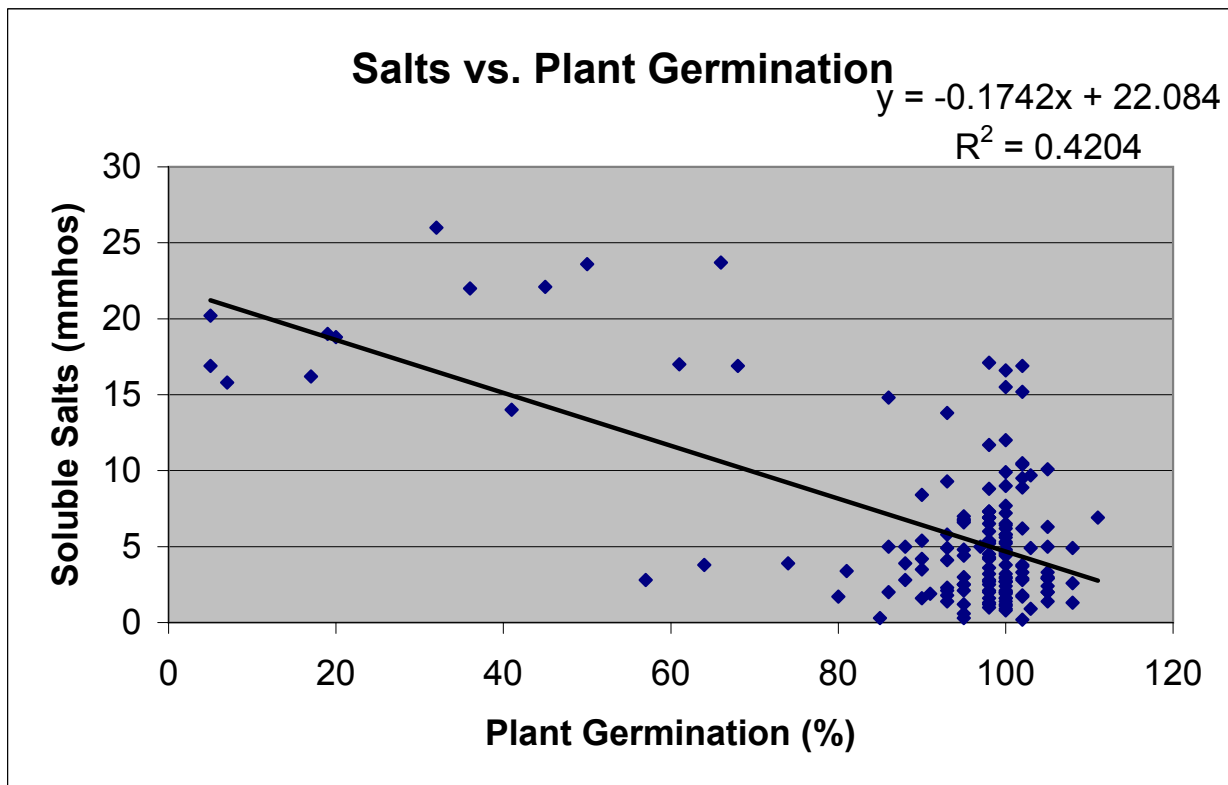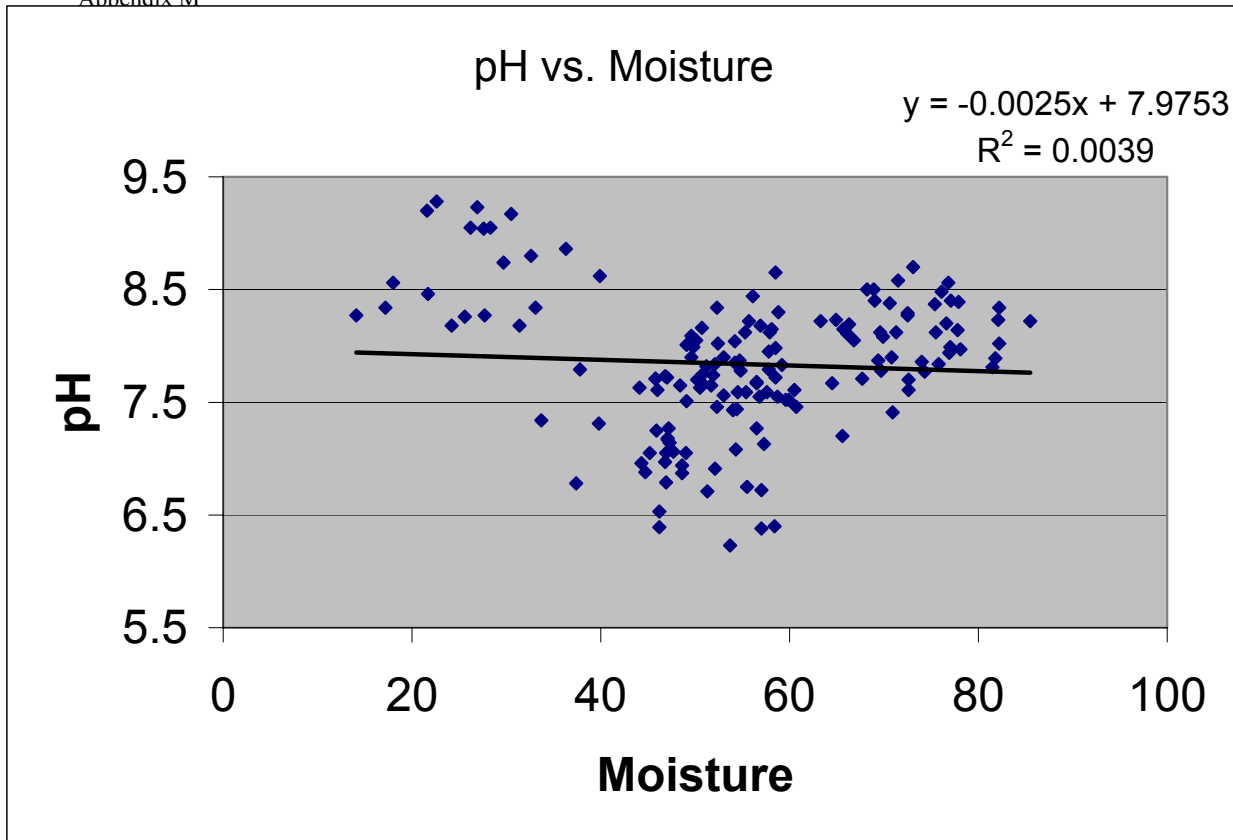
Ammonia Index vs. Plant Germination

$y = 0.0342x + 1.4459$

$R^2 = 0.4836$
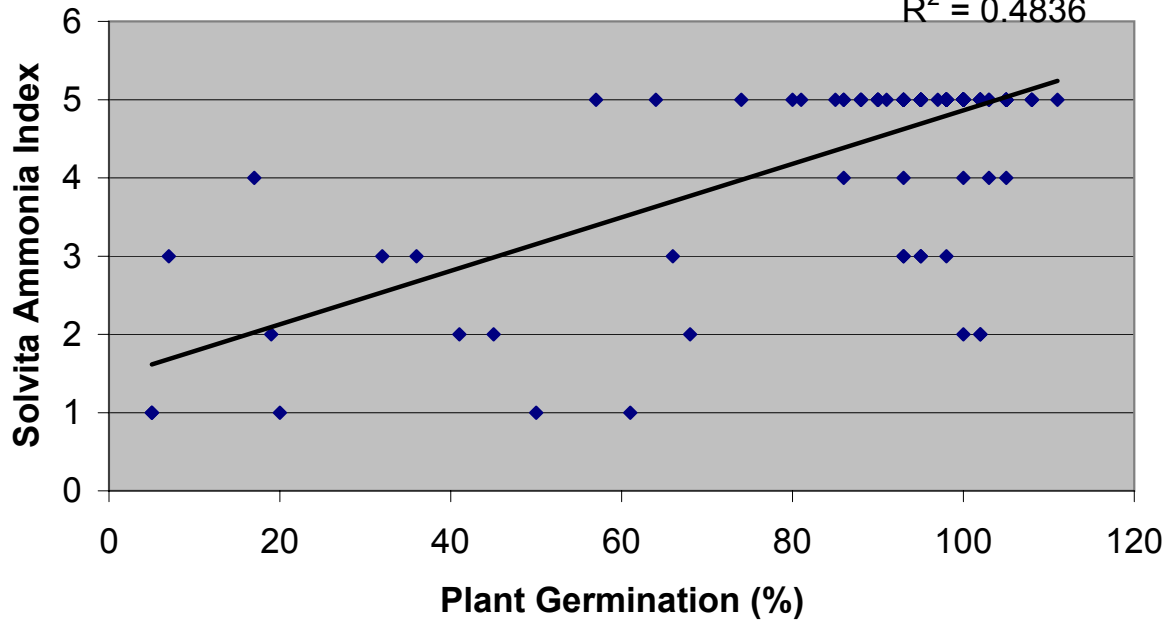
Maturity Index vs. Plant Germination

$y = 0.0317x + 2.9413$

$R^2 = 0.2843$