



Advancing Eco Agriculture

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Nutritional Schedule Soybeans Optimal

Mar 09 2021

Acres: 1

Seed Treatment

Number of Apps: 1 Start Date: 4/15/2021

Dust seed with Bio Coat Gold at a minimum 1 gram of BioCoat Gold for every 1 pound of seed. For a per-acre rate, use approximately 60 grams BioCoat Gold per acre depending on seed weight and population.

| Rate per acre | Product | Special Instructions |
|---------------|--------------|----------------------|
| 60 Gram | BioCoat Gold | |

Planter Application

Number of Apps: 1 Start Date: 4/15/2021

Mix the below products with at least an equal amount of water and apply in-furrow at planting. Add additional micronutrients as needed based on soil or crop data. 2x2 or 4x4 is acceptable.

| Rate per acre | Product | Special Instructions |
|---------------|------------------|----------------------|
| 3 Quart | Planter Solution | |
| 2 Quart | Rejuvenate | |
| 25 Gram | Spectrum | |

Sap Analysis

Number of Apps: 1 Start Date: 4/27/2021

Take first sap test at third or fourth trifoliolate.

| Rate per acre | Product | Special Instructions |
|---------------|---------|----------------------|
|---------------|---------|----------------------|

Flowering Foliar

Number of Apps: 1 Start Date: 5/1/2021

Mix the following product with at least 20 gallons of water and foliar at R1, early flowering. Two or more applications may be made during the flowering period, adjust rate according to application frequency. Ideally, adjust as per sap analysis data.

| Rate per acre | Product | Special Instructions |
|---------------|------------|----------------------|
| 6 Quart | Accelerate | |
| 2 Quart | PhotoMag | |

Sap Analysis

Number of Apps: 1 Start Date: 5/18/2021

Follow up with sap analysis 7 days after foliar application.

| Rate per acre | Product | Special Instructions |
|---------------|---------|----------------------|
|---------------|---------|----------------------|

Pod Fill Foliar

Number of Apps: 1 Start Date: 6/2/2021

Mix the following product with at least 20 gallons of water and foliar as needed to ensure proper pod fill. Estimate only, adjust actual products and rates as per sap analysis data.

| Rate per acre | Product | Special Instructions |
|---------------|---------------|---|
| 1 Quart | HoloK | Increase for heavy crop set in low-K conditions. Remove entirely if K is ample in soil. |
| 1 Quart | ReBound Boron | |
| 1 Quart | PhotoMag | |
| 1 Pint | ReBound Zinc | |

Sap Analysis

Number of Apps: 1 Start Date: 5/9/2021

Follow up with sap analysis 7 days after foliar application.

| Rate per acre | Product | Special Instructions |
|---------------|---------|----------------------|
|---------------|---------|----------------------|

Regenerative Soil Health Program

Number of Apps: 1 Start Date: 9/15/2021

Mix the below with at least 25 gallons of water per acre and spray onto the soil surface and crop residue after harvest. Light incorporation is ideal. Where a post-harvest application is not possible apply into standing crop prior to harvest via Y-drops or pivot. Apply in spring if fall application is not possible. Can be applied while sowing cover crops.

| Rate per acre | Product | Special Instructions |
|---------------|---------|----------------------|
|---------------|---------|----------------------|

| | | |
|---|-------|-----------|
| 4 | Quart | SeaShield |
|---|-------|-----------|

| | | |
|---|-------|------------|
| 6 | Quart | Rejuvenate |
|---|-------|------------|

| | | |
|----|------|----------|
| 50 | Gram | Spectrum |
|----|------|----------|

Flood Jet Nozzles and 50 Mesh Screens are recommended. Clean tank and spray lines thoroughly with water after each use. Do not let fertilizer solution sit in tank for more than 8 hours. Agitate tank solution and maintain continuous agitation while planting or spraying. Post harvest applications should be based on plant sap and tissue analysis.