

CANNABIS FERTILITY PLAN | FIELD

Preplant or At Planting

Ensure soil nutrients are immediately available to young plants, for energy systems and rooting, as well as chloroplast development

Seed Treatment/Cuttings

SuperSede™ Cannabis
at 2 ounces/acre

OR

Preplant

Transit Soil®
at 8 ounces/acre

Soil Applied

Phosron® Soil 7-21-0
at 3 gallons/acre

PhotoGreen® Soil ^{Fe Mn}
at 1 quart/acre

Manron® Soil ^{Mn}
at 1 quart/acre

Leaf Development

Drive plant energy with vigorous shoot and root growth

Foliar Applied

Phosron® Foliar 7-21-0
at 1 quart/acre

PhotoGreen® Foliar ^{Fe Mn}
at 1 quart/acre

K-Surge™ 0-0-20
at 1 quart/acre

Soil Applied

Phosron Soil 7-21-0
at 2 gallons/acre

Transit Soil®
at 6 ounces/acre

CAN-17
at 7 gallons/acre

ZiCAN™ Soil ^{Zn Mn}
at 2 quarts/acre

Lateral Shoot Formation

Maximize photosynthetic capacity for large, fully developed leaves and shoots

Foliar Applied

ChloroDrive® Foliar
at 2 quarts/acre ^{Mn Mg Zn}

Transit Foliar®
at 1 quart/acre

SloN Plus™ 28-0-0
at 2 quarts/acre

K-Surge 0-0-20
at 4 quarts/acre

Soil Applied

CAN-17
at 10 gallons/acre

Phosron Soil 7-21-0
at 2 gallons/acre

FBS Humate Plus™
at 1 pint/acre

PhotoGreen® Soil ^{Fe Mn}
at 1 quart/acre

10-0-10
at 10 gallons/acre

Stem Elongation

Condition stems to bear ideal number of quality buds

Foliar Applied

Phosron Foliar 7-21-3
at 1 quart/acre*

PhotoGreen Foliar ^{Fe Mn}
at 1 quart/acre

Ocean Swell™
at 1 quart/acre

K-Surge 0-0-20
at 1 quart/acre

Soil Applied

CAN-17
at 10 gallons/acre

Transit Soil
at 8 ounces/acre

ZiCAN™ Soil ^{Zn Mn}
at 2 quarts/acre

FBS Humate Plus
at 1 pint/acre

10-0-10
at 20 gallons/acre

Bud Emergence

Ensure mature bud formation by feeding rapidly dividing cells in emerging buds

Foliar Applied

CellMate Foliar® Plus Mo
at 2 quarts/acre ^{Ca B}

Transit Foliar
at 8 ounces/acre

K-Surge 0-0-20
at 1 quart/acre

Soil Applied

Calron® Soil ^{Ca}
at 1 quart/acre

Copron® Soil ^{Cu}
at 1 quart/acre

FBS Humate Plus
at 1 pint/acre

10-0-10
at 20 gallons/acre

Flower Development

Supply essential nutrients directly to developing flowers to encourage maximal development of desirable compounds

Foliar Applied

ChloroDrive Foliar
at 2 quarts/acre ^{Mn Mg Zn}

Soil Applied

Phosron Soil 7-21-0
at 10 gallons/acre

K-Surge 0-0-20
at 1 quart/acre

FBS Humate Plus
at 1 pint/acre

10-0-10
at 20 gallons/acre

Flower Development

Reduce heat stress on plant so energy is focused on ripening of premium quality flowers

Foliar Applied

BounceBack Foliar ^{Ca}
at 2 quarts/acre

Soil Applied

10-0-10
at 20 gallons/acre

FBS Humate Plus™ Apply 1-2 quarts whenever a humic acid product is desired

*Always add **FBS Harmony™** at 1 quart for every 2 quarts of **Phosron Foliar** to improve compatibility and uptake.

This program can be adapted to individual field or farm conditions based upon soil and tissue tests. Rates can vary and additional FBS products can be substituted to address specific nutrient deficiencies or stress situations.



Other nutrients as required.
See back page for more details.

PRODUCT SOLUTION BY GROWING CONDITION

Condition	Solution
Nitrogen (N) Low	SloN Plus
Nitrogen (N) High	Copron Soil, Copron Foliar, MicroBlend Foliar Zn-Mn-Cu, DriveKP
Phosphorus (P) Low	Phosron Soil, Phosron Foliar, DriveKP
Phosphorus (P) High	PhotoGreen Soil, PhotoGreen Foliar, Zicron Soil, Zicron Foliar, Manron Soil, Manron Foliar, Copron Soil, Copron Foliar, MicroBlend Foliar Zn-Mn-Cu
Potassium (K₂O) Low	K-Surge, DriveKP
Potassium (K₂O) High	GreenSurge Foliar, Calron Soil, CellMate Foliar Plus Mo, BounceBack Foliar
Calcium (Ca) Low	Calron Soil, CellMate Foliar Plus Mo, BounceBack Foliar
Calcium (Ca) High	GreenSurge Foliar, GreenSurge Soil, ChloroDrive Foliar
Magnesium (Mg) Low	GreenSurge Foliar, GreenSurge Soil, ChloroDrive Foliar
Magnesium (Mg) High	Calron Soil, CellMate Foliar Plus Mo, BounceBack Foliar
Sulfate (SO₄) High	Calron Soil, CellMate Foliar Plus Mo, BounceBack Foliar
Sodium (Na) High	K-Surge, Transit Soil, FBS Humate Plus, Calron Soil
Boron (B) Low	BoronBoost Soil, Boron Boost Foliar, CellMate Foliar Plus Mo
Boron (B) High	Calron Soil, BounceBack Foliar
Copper (Cu) Low	Copron Soil, Copron Soil, MicroBlend Foliar Zn-Mn-Cu
Copper (Cu) High	Zicron Soil, Zicron Foliar, ZiCAN Soil, PhotoGreen Soil, PhotoGreen Foliar
Iron (Fe) Low	PhotoGreen Soil, PhotoGreen Foliar, FlexForce Foliar, FlexForce Soil
Iron (Fe) High	Zicron Soil, Zicron Foliar, ZiCAN Soil
Manganese (Mn) Low	Manron Soil, Manron Foliar, FlexForce Foliar, FlexForce Soil
Manganese (Mn) High	Zicron Soil, Zicron Foliar, ZiCAN Soil, PhotoGreen Soil, PhotoGreen Foliar
Zinc (Zn) Low	Zicron Soil, Zicron Foliar, ZiCAN Soil, FlexForce Foliar, FlexForce Soil
Zinc (Zn) High	PhotoGreen Soil, PhotoGreen Foliar, Manron Soil, Manron Foliar
Micronutrients Low	MicroBlend Foliar Zn-Mn-Cu, MicroBlend Foliar Zn-Mn-B, ChloroDrive Foliar, FlexForce Foliar, FlexForce Soil, ChloroDrive Foliar, BenePhite Expand
Chloride (Cl) High	Transit Soil, Transit Foliar, FBS Humate Plus
Silicon (Si) High	Calron Soil, CellMate Foliar Plus Mo, BounceBack Foliar
Acidifier (Tank Buffer)	FBS Harmony
Compatibilty Aid (Tank Mixing)	FBS Harmony, FBS Marshal

Condition	Solution
Bicarbonates HCO₃ High	Transit Soil, Transit Foliar, FBS Humate Plus, PhotoGreen Foliar, FlexForce Foliar, FlexForce Soil
"Hydrogen (H) Percent Base Saturation High"	FBS Humate Plus, Transit Soil, Calron Soil
CEC Low	FBS Humate Plus, Transit Soil
Organic Matter Low	FBS Humate Plus, Transit Soil
Organic Matter High	FBS Humate Plus, Transit Soil
Light Sandy Soils	FBS Humate Plus, Transit Soil
Heavy Clay Soils	FBS Humate Plus, Transit Soil
Soil Conditioning	FBS Humate Plus
Alternate Bearing	Transit Soil, Transit Foliar, FBS Humate Plus, DriveKP, K-Surge, SloN Plus, Ocean Swell
Bud/Blossom Set	CellMate Foliar Plus Mo, MicroBlend Foliar Zn-Mn-B, BoronBoost Foliar, MicroBlend Foliar Zn-Mn-Cu, FlexForce Foliar, FlexForce Soil
Bulking	K-Surge, Calron Soil, BounceBack Foliar, CellMate Foliar Plus Mo, DriveKP
Chlorosis	PhotoGreen Foliar, PhotoGreen Soil, Zicron Foliar, Zicron Soil, Manron Foliar, Manron Soil, MicroBlend Foliar Zn-Mn-Cu, MicroBlend Foliar Zn-Mn-B, ChloroDrive Foliar, GreenSurge Foliar, FlexForce Foliar, FlexForce Soil
Cold Stress	Phosron Soil, Phosron Foliar, FBS Humate Plus, Transit Soil, Transit Foliar, DriveKP, Ocean Swell
Crop Damage	Phosron Foliar, Phosron Soil, FBS Humate Plus, Transit Foliar, Transit Soil, K-Surge
Drought Stress	K-Surge, Transit Soil, Transit Foliar, FBS Humate Plus
Fungal Disease	Carbon Defense, DriveKP, K-Surge, BenePhite Expand
Germination Enhancement	Transit Soil, Humate Plus, Ocean Swell, SuperSede Line, Soil Energy Line
Heat Stress	BounceBack Foliar, K-Surge, Transit Foliar, Ocean Swell
Lignin Synthesis	Copron Soil, Copron Foliar, MicroBlend Foliar Zn-Mn-Cu
Moisture Stress	FBS Humate Plus, K-Surge, Transit Foliar, Ocean Swell
Nutrient Use Efficiency (NUE)	Transit Soil, Transit Foliar, FBS Organics Transit Soil, FBS Humate Plus, Ocean Swell, Soil Energy Line
Pesticide Residue/Damage	FBS Humate Plus, Transit Soil
Plant Health/Strength	Transit Soil, Transit Foliar, FBS Humate Plus, DriveKP, K-Surge, SloN Plus, Ocean Swell, Soil Energy Line
Rooting Enhancement	Transit Soil, Phosron Soil, Phosron Foliar, K-Surge, FBS Humate Plus, Ocean Swell, DriveKP
Salt Stress	Transit Soil, Transit Foliar, FBS Humate Plus, Ocean Swell

Verify these conditions with soil and tissue testing accompanied by field inspections.