CROP STARTERS
Application & Selection Guide

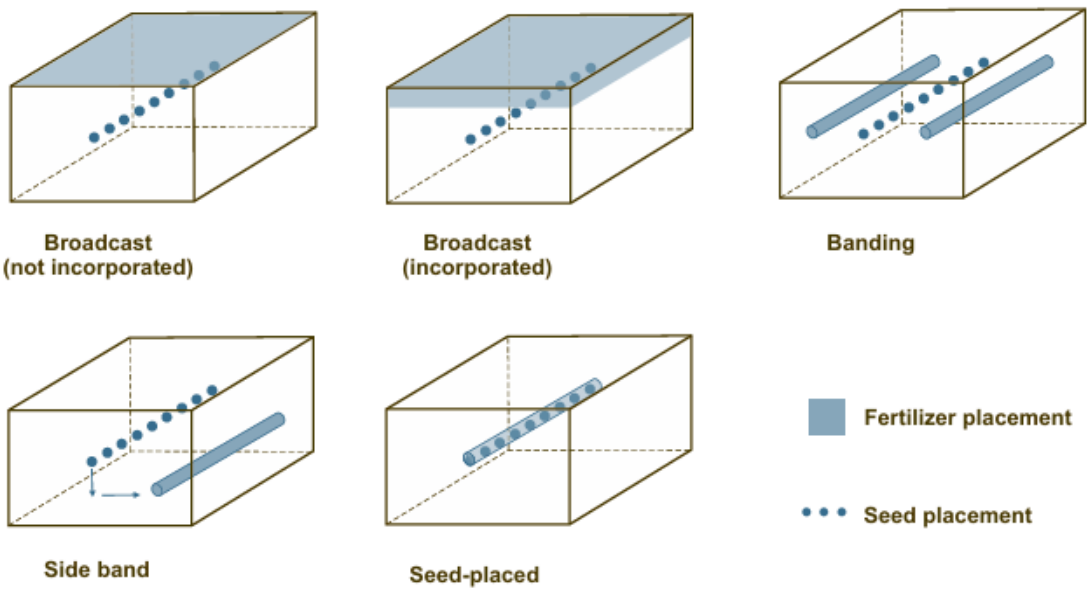
VIVI GRO
Sustainable Solutions Ltd.

ViviGro Crop Starters are designed to jump-start root development, stimulate early growth, and enhance nutrient availability right from seed germination

1 IDENTIFY SOIL CONDITION

SOIL TYPE / CONDITION	RECOMMENDED STARTER	FUNCTION
Acidic Soil (pH < 6.5)	LOW pH SOIL STARTER 8-26-8	Raises soil pH improves nutrient uptake
Alkaline Soil (pH > 7.0)	HIGH pH SOIL STARTER 4-33-8	Lowers soil pH enhances nutrient availability
Low Organic Matter (OM)Soil	LOW OM SOIL STARTER 5-31-7	Increases net carbon and OM
Neutral or Balanced Soil	GENERAL STARTER 7-35-8	Promotes better root growth

2 SELECTING APPLICATION METHOD



3 SECLECTING RATE

Based on Soil nutrients level, Crop requirements and Application method. Take advise from your crop advisor or ViviGro representative for the application rate.

CROP STARTERS 2026

Specialty NPK Blend

GENERAL STARTER 7-35-8

- Ideal for all commercial crops – suitable for both row and broadcast applications.
- High phosphate content promotes vigorous root growth and supports strong early plant establishment.
- Balanced Nutrient formula ensures optimal nutrient availability for healthy crop development.
- Enhanced with essential macro and micro-nutrients to improve root health, microbial activity, and overall soil vitality.
- Dust-free, filler-free formulation ensures clean handling, uniform application, and maximum nutrient efficiency.
- Supports rapid seedling emergence, early vigor, and sustained plant growth for improved yields.

Application Rate:

80-150 lb/ac (89.6-168 kg/ha)

Density: 65 lb// ft^3

General Starter

Component	Typical Analysis
Total Nitrogen (N)	7%
Available Phosphoric Acid (P_2O_5) Soluble	35%
Potash (K_2O)	8%
Calcium (Ca)	5%
Sulphur (S)	4%
Iron (Fe)	0.2%
Copper (Cu)	0.06%
Zinc (Zn)	0.4%
Boron (B)	0.2%
Organic Matter	6.4%

Also available General Starter 2.5X Micronutrients

7-33-8-5Ca-4S-0.32Fe-0.2Cu-1Zn-0.5B OM:9.5%

Density:64.8lb/ft^3

LOW pH SOIL STARTER 8-26-8

- Specially formulated for acidic soils with a pH below 6.5.
- Helps raise soil pH, improving nutrient availability and retention.
- 8-26-8 NPK blend delivers a strong phosphorus boost for early root and shoot development.
- Promotes better nutrient balance and healthier soil conditions for long-term productivity.
- Enhances microbial activity and reduces nutrient lock-up common in low-pH soils.
- Ideal for row crops, cereals, pulses, and oilseeds where soil acidity limits performance.
- Clean, uniform formulation for consistent blending and field application.

Application Rate:

80-150 lb/ac (89.6-168 kg/ha).

Density: 64 lb/ft^3

Low pH Soil Starter

Component	Typical Analysis
Total Nitrogen (N)	8%
Available Phosphoric Acid (P_2O_5) Soluble	26%
Potash (K_2O)	8%
Calcium (Ca)	10%
Sulphur (S)	2.4%
Iron (Fe)	0.2%
Copper (Cu)	0.06%
Zinc (Zn)	0.4%
Boron (B)	0.2%
Organic Matter	11.8%

This information is presented as general guidelines only. It is recommended that the user consult with an agronomist for appropriate application rate. ViviGro disclaims any responsibility or liability for any loss or damage that may occur from any reliance on, or other use of, the above information with respect to the product.

306.986.5158
info@vivigro.com
3030 Louise St, Saskatoon

CROP STARTERS 2026

Specialty NPK Blend

HIGH pH SOIL STARTER 4-33-8

- Designed for high pH soils (above 7.0) to help lower soil pH and improve nutrient uptake.
- .4-33-8 NPK formulation provides a high phosphorus content for strong root initiation and early plant vigor.
- Improves nutrient availability and retention in alkaline soils by enhancing soil balance.
- Promotes better root- one conditions and supports microbial activity in high pH environments.
- Encourages uniform germination and healthy early growth in all field and row crops.
  Clean, dust-free formulation ensures easy handling and consistent field application.

Application Rate:

80-150 lb/ac (89.6-168 kg/ha)

Density: 67 lb/ft^3

High pH Soil Starter

Component	Typical Analysis
Total Nitrogen (N)	4%
Available Phosphoric Acid (P_2O_5)	33%
Soluble Potash (K_2O)	8%
Calcium (Ca)	6.4%
Sulphur (S)	6%
Copper (Cu)	0.06%
Zinc (Zn)	0.4%
Boron (B)	0.15%
Organic Matter	3.8%

Low OM Soils Starter 5-31-7

- Specially formulated for soils low in organic matter, helping to rebuild and enrich soil structure.
- Promotes microbial activity and enhances soil biological health for sustained fertility.
- Improves nutrient retention and moisture-holding capacity in light or depleted soils.
  Encourages vigorous root growth and strong early plant development.
- Can be used across all commercial crops to support balanced soil and crop performance.

Application Rate:

80-150 lb/ac (89.6-168 kg/ha)

Density: 66 lb/ft^3

Low OM Soils Starter

Component	Typical Analysis
Total Nitrogen (N)	5%
Available Phosphoric Acid (P_2O_5)	31%
Soluble Potash (K_2O)	7%
Calcium (Ca)	7%
Sulphur (S)	4%
Copper (Cu)	0.06%
Zinc (Zn)	0.4%
Boron (B)	0.2%
Organic Matter	0.27%
	14.6%

1000kg

Bulk

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