

Seven Springs Farm Supply

Recommended fertility for field-grown hemp

For pre-plant, baseline fertility in field hemp, Seven Springs Farm Supply* recommends the following diversified fertilizer application aimed at increasing soil biology and providing timely fertility to meet crop demands:

Primary fertility (N-P-K) per acre:

1000 lb NatureSafe 8-5-5 (or one ton of Harmony/Symphony)

800 lb Feather or Blood meal (or NS 13-0-0)

250 lb Fish meal

250 lb Alfalfa meal

40-80 lb Humic DG

Soil biology building and micro-nutrients per acre:

50-100 lb Kelp meal

50-100 lb Worm castings

For transplant water (to reduce transplant stress) per acre:

10.7 oz Maxicrop

This equals 214 lb N (+/- 150 plant available), 65 lb P, 55 lb K plus humic acid for increased uptake/efficiency and kelp and castings for micro-nutrients and biological stimulation.

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For an economical alternative, or for growers who prefer to handle pelleted fertilizer, use:

1250 lb NatureSafe 8-5-5

850 lb NatureSafe 13-0-0

40-80 lbs Humic DG

This equals 210 lbs N (+/-150 plant available) - 62 lbs P - 62 lbs K

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If a soil analysis shows a given deficiency or excess make adjustments accordingly.

*Recommendations are based on average crop demand numbers from field studies by Purdue, Penn State and NC State.