Particle size: ¼”

Application Rate:
¼” thick, tilled 5” deep
= 33 cubic yards per acre
= 6.6 tons per acre @ 400lbs/ton

Nitrogen supplied by fish bone meal at given application rate:
12 lbs fish/cubic yard * 33 cubic yard per acre = 396 lbs fish meal/acre

396lbs Fish meal @ 9% N = 35.6lbs N/acre

C : N ratio:
(6.6 * 2000) 13,200 lbs C : 35.6 lbs N
= 371 : 1

Super Soil

• 5% to 10% biochar
• 10% to 30% organic material
  • Compost, wood chip, etc
• 0.5% to 1% Fish Char 7-5-5
  • fresh/partially composted manure or other substitutes are perfectly fine
• Micronutrients, minerals and lime as needed per soil analysis.
• Microbial Inoculum
  • Cultured biochar, IMO, EM-1, local leaf litter, or ...
How to Improvise with Fertilizer Blends

- pH is important
- Texture and Particle Size should be similar.
- Powders stick to biochar. Get the biochar moist first, then it has a static-like effect.
- Let blends equalize for a day or two.
  - Careful, if the biochar is moist and the material is organic and un-decomposed it will set off!!
- Impregnating: a good goal is getting it deep within the pores. Liquids or Microbes.