

## Fertilizer & Soil Amendment

### Product Comparisons

<u>Product Benefits</u>	<u>Biosol</u>	<u>Biosol Forte</u>	<u>Poultry Manure</u>	<u>Chemical Fertilizer</u>	<u>Composted Fert/ Mix</u>	<u>Compost</u>
Positively affects soil fertility	+++	+++	+	---	--	++
Positively affects soil structure	+++	+++	+	---	--	++
Positively affects soil microorganisms	+++	+++	+	---	--	++
Derived from animal waste, animal by product or chemicals	No	No	Yes	Yes	Yes	Some
Derived from 100% plant product	Yes	Yes	No	No	No	Some
Provides beneficial bacteria & fungal biomasses	+++	+++	---	---	---	---
Topsoil alternative	+++	+++	---	--	-	+++
High content of organic matter	+++	+++	+	---	--	+
Effect on humus content	+++	+++	-	--	-	+++
High content of chitin	+++	+++	---	---	---	---
Nutrient content	+	+	+	+++	+++	-
Risk of burning seed or existing vegetation	---	---	-	+++	+++	---
Risk of nitrogen leaching	---	---	+	+++	+++	---
Positively affects root system	+++	+++	+	-	-	+
Positive effects in arid conditions	+++	+++	+	---	--	++
Nutrients available in 2 <sup>nd</sup> growing season	+++	+++	-	---	--	++
High in salts	---	---	+	+++	+++	--
Risk of plant disease / pathogens	---	---	+	+++	+++	+
EPA approved for water sensitive areas	+++	+++	--	---	---	---
Field tested and proven for long term plant growth	+++	+++	--	---	---	+
USDA Bio Preferred Product	Yes	Yes	Some	No	No	No
Certified for organic crop production	Yes	No	Some	No	No	Some
Animal and child friendly	+++	+++	-	---	--	++
Retains 3-4 times its weight in water	+++	+++	--	---	--	+++

<b>Rating</b>			
<b>Very, Very Strong</b>	+++	<b>Very, Very Low</b>	---
<b>Very Strong</b>	++	<b>Very Low</b>	--
<b>Strong</b>	+	<b>Low</b>	-