EFFECTS ON SOIL / PLANT COMPARISION			
Application	**KHUBA SOIL CONDITIONER ORGANIC FERTILZER**	Chemical Fertilizer	Water Retainers
Any other fertilizer needed	**None other**	Required	NA
Crop suitability	**Any crop**	Depends	NA
Any type of Soil – Environment	**Yes**	Depend on application	NA
Desert – Sand	**Yes**	No	NA
Water retention	**Enhanced**	No	Enhanced
Anti seepage / percolation	**Yes**	No	Yes
Air circulation	**Yes**	No	Yes
Optimize soil	**Yes**	No	No
Excess Water	**No impact**	Nullifies.	No Impact
Better plant growth	**Yes**	Partly	No
Hygroscopic nature	**Yes**	NA	No
Hydrophobic nature	**No**	NA	Yes
Water Saving	**Yes**	No	Partial
Atmospheric Moisture	**Drawn from humid air**	No	No
Effect of rain	**Minimal changes**	Nullifies	NA
Soil contamination	**No effect**	High	Unknown
Water contamination	**No effect**	Very high	Unknown
Ingestion by animals	**Non Toxic**	Toxic	Unknown
Activity / life span	**Very long period**	Short period	NA
Effect of Heat	**No effect on plant**	Negative to plant	NA
Nutrient Uptake by plant	**Easily available anytime**	Either use or discard	NA
Nutrient availability	**Available throughout**	Only for short period	NA
Nitrogen	**Available throughout**	Either use or discard	NA
Plant strength	**Strong sustained strength**	Strong only when applied	NA
Plant fatigue	**Constant strength**	Variations of availability	NA
Excess Nitrogen	**Constant supply**	Leads to plant softening	NA
Over supply of Nitrogen	**Not vulnerable**	Vulnerable to pest attack	NA
Undersupply of Nitrogen	**Constant availability**	Leads to lowers growth	NA
Variation of Nitrogen	**Constant growth**	Lower plant strength	NA
Variation of Nitrogen	**Not effected**	Final yield effected	NA
Soil Organic matter	**Enhanced.**	Reduced	NA
Organic matter reduction	**Constant yield**	Lower yields	NA
Organic Matter	**Constantly replenished**	Not replenished	NA
Organic Matter effects	**Gains fertility**	Loses fertility	NA
Colonization of plant roots with mycorrhizae	**Enhanced**	Reduced	NA
Exchange of nutrients	**Enhanced**	Reduced	NA
Root burn	**No**	Yes	NA
Leaf burn	**No**	Yes	NA
Balanced nutrient supply	**Balanced**	Erratic	NA
Biological Activity	**Improved mobilization of nutrients**	Reduced	NA
Phosphorus	**Enhances colonization of mycorrhizae, which improves supply to plant**	Intake is erratic	NA
Soil Structure	**Enhanced for better root growth**	Not enhanced	NA
Buffering Acidity	**Buffers acidity**	No	NA
Buffering Alkalinity	**Buffers Alkalinity**	No	NA
Micro nutrients	**Enhances intake**	Not available	NA
Micro organism	**Sustains and enhances**	Does not sustain	NA
Earth worm	**Sustains and enhances**	Does not sustain	NA
Fungi	**Sustains and enhances**	Does not sustain	NA
Soil borne diseases	**Minimizes**	Does not help	NA
Air borne diseases	**Minimizes**	Does not help	NA
Effect of heavy rains	**Minimal changes**	Nullifies	NA
Nutrient release	**Consistent**	Inconsistent	NA
Long term effect	**Soil fertility enhanced**	Soil looses fertility	NA
Plant growth	**Constant**	Variable	NA
Change in weather	**Minimal effect**	Can be disastrous	NA
Stunted growth	**Minimal effect**	Possible	NA
Final Yield	**Constant**	Subjected to variation	NA
Quality of yield	**High**	Average	NA
Life span of Produce	**Extended**	Average	NA