Version	Variable type	Namespace	Domain	Concept	Variable	Unit or Category	Description
v0							Initial (bootstrap) version.
v0	vegetation						The assemblage of plant species and the ground cover they provide.
v0	vegetation	base					Commonly used vegetation such as frequently used plants.
v0	vegetation	base	agriculture				Commonly used vegetation in agriculture.
v0	vegetation	base	agriculture	Plant			A living organism of the kind exemplified by trees, shrubs, herbs, grasses, ferns, and mosses, typically growing in a permanent site, absorbing water and inorganic substances through its roots, and synthesizing nutrients in its leaves by photosynthesis using the green pigment chlorophyll.
v0	vegetation	base	agriculture	Plant	PlantSpecies	Categorical	A plant population/varietal whose evolution in a project is represented by one or more models.
v0	shock						The external effects that influence lots, e.g. sun, rain, snow, frost, ...
v0	shock	base					Commonly used shocks.
v0	shock	base	meteorology				The domain aiming to predict the state of the atmosphere at a particular place and time, e.g. heat, cloudiness, dryness, sunshine, wind, rain, etc...
v0	shock	base	meteorology	Weather			The state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain, etc...
v0	shock	base	meteorology	Weather	WeatherCondition	Categorical	The variable representing the whether condition at a particular place and time.
v0	measurement						Also known as observations, a measurement is the action of measuring quantity in the world.
v0	measurement	base					Commonly used measurements.
v0	measurement	base	agriculture				Commonly used measurements in agriculture.
v0	measurement	base	agriculture	PlantHeight			The plant height is the vertical size of a plant.
v0	measurement	base	agriculture	PlantHeight	HempHeight	Continuous	The variable representing the hemp height at a particular time.
v0	measurement	base	agriculture	PlantHeight	AlfalfaHeight	Continuous	The variable representing the alfalfa height at a particular time.
v0	measurement	base	agriculture	Yield			The crop yields which is the harvested production per unit of harvested area for crop products.
v0	measurement	base	agriculture	Yield	HempYield	Continuous	The variable representing the hemp yield gathered during harvest.
v0	measurement	base	agriculture	Yield	AlfalfaYield	Continuous	The variable representing the alfalfa yield gathered during harvest.
v0	measurement	base	agriculture	PlantDensity			The plant density is the number of individual plants present per unit of ground area.
v0	measurement	base	agriculture	PlantDensity	HempDensity	Continuous	The variable representing the hemp density per unit of ground area.
v0	measurement	base	agriculture	PlantDensity	AlfalfaDensity	Continuous	The variable representing the alfalfa density per unit of ground area.
v0	intervention						Also known as actions, treatments or practices.
v0	intervention	base					Commonly used interventions.
v0	intervention	base	agriculture				Commonly used interventions in agriculture.
v0	intervention	base	agriculture	Harvest			The process of gathering in crops.
v0	intervention	base	agriculture	Harvest	HarvestCrops	Categorical	The variable representing the kind of crops to harvest.
v0	intervention	base	agriculture	Tillage			Tillage is the agricultural preparation of soil by mechanical agitation of various types, such as digging, stirring, and overturning.
v0	intervention	base	agriculture	Tillage	TillageSoil	Boolean	The variable representing whether tillage is performed.
v0	intervention	base	agriculture	Herbicide			A substance that is toxic to plants, used to destroy unwanted vegetation.
v0	intervention	base	agriculture	Herbicide	SpreadHerbicide	Boolean	The variable representing whether to spread the herbicide on the unwanted vegetation.
v0	intervention	base	agriculture	Pesticide			A substance used for destroying insects or other organisms harmful to cultivated plants or to animals.
v0	intervention	base	agriculture	Pesticide	SpreadPesticide	Boolean	The variable representing whether to spread the pesticide on the crops.
v0	intervention	base	agriculture	Rhizobacteria			Rhizobacteria infect host plant root nodules and offer plants access to increased levels of nitrogen and new evidence suggests they could have protective qualities against diseases and pests.
v0	intervention	base	agriculture	Rhizobacteria	UseRhizobacteria	Boolean	The variable representing whether to use Rhizobacteria on the soil.
v0	intervention	base	agriculture	AlfalfaCompost			Compost made from alfalfa and other plant material and is rich in nitrogen and proteins.
v0	intervention	base	agriculture	AlfalfaCompost	UseAlfalfaCompost	Boolean	The variable representing whether to use AlfalfaCompost on the soil.
v0	intervention	base	agriculture	BioChar			Biochar is black carbon produced from biomass sources for the purpose of transforming the biomass carbon into a more stable form (carbon sequestration).
v0	intervention	base	agriculture	BioChar	UseBioChar	Boolean	The variable representing whether to use BioChar on the soil.
v0	intervention	base	agriculture	Planting			The act of setting seeds into the ground to grow a collection of plants.
v0	intervention	base	agriculture	Planting	PlantingSeeds	Categorical	The variable representing the kind of seeds to plant.
v0	intervention	base	agriculture	Pruning			Pruning is the removal of plant parts like branches, buds, or roots for plant growth.
v0	intervention	base	agriculture	Pruning	PruneCrops	Boolean	The variable representing whether to prune the crops.
v0	intervention	base	agriculture	VermiCompost			Vermicompost is known to improve many crop yields and quality. Vermicompost has high porosity and improves aeration, drainage, water-holding capacity and microbial activity.
v0	intervention	base	agriculture	VermiCompost	UseVermiCompost	Boolean	The variable representing whether to use VermiCompost on the soil.
v0	intervention	base	agriculture	CowManure			Cow manure is rich in nutrients and has an approximately 3:2:1 ratio of NPK.
v0	intervention	base	agriculture	CowManure	UseCowManure	Boolean	The variable representing whether to use CowManure on the soil.
v0	intervention	base	agriculture	Irrigation			The supply of water to land or crops to help growth, typically by means of channels.
v0	intervention	base	agriculture	Irrigation	IrrigateCrops	Boolean	The variable representing whether to irrigate the crops.
v0	intervention	base	agriculture	Fertilizer			A chemical or natural substance added to soil or land to increase its fertility.
v0	intervention	base	agriculture	Fertilizer	FertilizeSoil	Boolean	The variable representing whether to fertilize the soil.
v0	intervention	base	agriculture	Mycorrhizae			Mycorrhizae are fungi that form mutually beneficial relationships with plants. They can improve plant access to nutrients, nutrient uptake rate, and improve crop value metrics like yield and quality.
v0	intervention	base	agriculture	Mycorrhizae	UseMycorrhizae	Boolean	The variable representing whether to use Mycorrhizae on the soil.