This is a list of management types that have been entered previously. The appropriate term is in the synonym column. Management types that should be included are in bold.

mgmttype	units	definition	synonym	notes
acidity	t ha-1	error - acidity is not a management	NA	not a management
${\rm alternately\_cropped}$			cropped	unclear what this is. if it is cropped with crop a one year and crop b the next, then enter separate managements for each cropping cycle
altrazine			herbicide	
arrangement	$\mathrm{cm}2$	????		unclear what this is
blue flood lamp	W	lighting	$\operatorname{light}$	unclear what this is, watts are of no use if not in units of per area
burn	NA	aboveground biomass burned		
$\operatorname{continuous\_cropped}$	NA		cropped	assume it starts on the managements.date, ends at next management
$\operatorname{continuous\_fallow}$	NA		fallow	assume it starts on the managements.date, ends at next management
coppicing <b>cropped</b>	NA years	aboveground harvest years in crop production	harvest	O Company
Cultivated and Grazed plots	plots		cultivated and grazed	if this means 'cropped and grazed', need to change it to that, if it means cultivated as in tilled, change to tilled and grazed
cultivated or grazed	years	years grazed or in crop production	cultivated and grazed	if this means 'cropped and grazed', need to change it to that, if it means cultivated as in tilled, change to tilled and grazed
$\operatorname{cutting}$			harvest	
density	m	????	planting density	
$rac{ ext{density}}{ ext{density}}$	plants m-2 trees/ha	number of individuals per m2	planting density planting density	
drying	celsius	drying is not a treatment	branding density	remove from managements
emergence	Coloi do	emergence is not a treatment		remove from managements
establishment		?planting?	planting density	
		. 0	. 0 ,	

Setablishment date   Certification Ca   Content   Certification Ca   Certification Ca   Certification K   Setabara   Certification	mgmttype	$\operatorname{units}$	$\operatorname{definition}$	synonym	notes
ferrilization K g kg-1 ferrilization K enter ferrilizer type in notes ferrilization K g kg-1 ferrilization K g m-2 ferrilization N g g n-2 ferrilization N g m-2 ferrilization N	establishment date		?planting?	planting density	
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Fertilization   K   g   mo-1	$\operatorname{fertilization}_{-}\mathrm{K}$	g kg-1			enter fertilizer type in notes
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fertilization   K   kg K   K	$\operatorname{fertilization}_{-}\mathrm{K}$	g pot-1		$\operatorname{fertilization}_{-} \operatorname{K}$	enter fertilizer type in notes
fertilization   K   kg K   kg K   fertilization   K   enter fertilizer type in notes	$\operatorname{Fertilization}_{\mathbf{K}}$	$ m g/m^2~per~year$		$\operatorname{fertilization}_{-} \mathrm{K}$	enter fertilizer type in notes
fertilization   K   kg K ha-1   fertilization   K   enter fertilizer type in notes   fertilization   K   kg K ha-1   fertilization   K   enter fertilizer type in notes   fertilization   K   kg/ha   fertilization   K   enter fertilizer type in notes   fertilization   Mg   kg MgO ha-1   fertilization   Mg   enter fertilizer type in notes   fertilization   Mg   fertilization   Mg   enter fertilizer type in notes   fertilization   Mg   fertilization   Mg   enter fertilizer type in notes   fertilization   Mg   fertilization   Mg   enter fertilizer type in notes   fertilization   Mg   fertilization   Mg   enter fertilizer type in notes   fertilization   Mg   fertilization   fertilization   Mg   fertilization   Mg   fertilization	$\operatorname{fertilization}_{-}\mathrm{K}$	kg ha-1		$\operatorname{fertilization}_{-} \operatorname{K}$	enter fertilizer type in notes
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fertilization_P g/tree fertilizer type in notes	<del>-</del>	g pot-1		<del>-</del>	
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fertilization_P kg fertilization_P enter fertilizer type in notes					
	$\operatorname{fertilization}_{-}\operatorname{P}$	kg		$fertilization\_P$	enter fertilizer type in notes

Fertilization P   kg ln=1   put form of P in notes   fertilization P   certification P   kg P   peritorial p	mgmttype	units	definition	synonym	notes
Fertilization   P   kg P ba 1   Fertilization   P   kg P 205 ha 1   Fertilization   P   kg P 205 ha 1   Fertilization   P   Fertilization   P   kg p 205 ha 1   Fertilization   P   Fert	fertilization P	kg ha-1	put form of P in notes		enter fertilizer type in notes
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fertilization P	$\operatorname{fertilization}_{-}\operatorname{P}$	kg P ha-1		$fertilization\_P$	enter fertilizer type in notes
Fertilization P   Reg N kg-1   Fertilization P	${ m fertilization\_P}$	m kg~P2O5~ha-1		$fertilization\_P$	enter fertilizer type in notes
Fertilization P   Servilization P   Servilization P   Servilization P   Servilization S   Septilization P   Septilizat	$\operatorname{fertilization}_{-}\operatorname{P}$	$\mathrm{kg/ha}$		$fertilization\_P$	enter fertilizer type in notes
Fertilization S   Kg S ha-1   Fertilization S	$\operatorname{fertilization}_{-}\operatorname{P}$	m mg~N~kg-1		$fertilization\_P$	enter fertilizer type in notes
fertilization   K   Kg ha-1   Fertilization   K   Kg ha-1   Fertilization   K   Fertil				$fertilization\_P$	enter fertilizer type in notes
Fertilization N   Kg N has-1   Fertilization N   Fertilization N   Fertilization N   Fertilization N   Fertilization N   Fertilization P	${f fertilization}$ S	kg S ha-1		$fertilization\_S$	enter fertilizer type in notes
Fertilization N   No mode of the problem of the p				$\operatorname{fertilization}_{-}\mathrm{K}$	
fertilization_P       mg l-1       fertilization_P       enter fertilizer type in notes         ffood lamp       W       Iight       not a management       in urient content of mulch is provided, enter as fertilizer, N, P, K, etc and enter mulch in notes       if nutrient content of mulch is provided, enter as fertilizer, N, P, K, etc and enter mulch in notes       if nutrient content of mulch is provided, enter as fertilizer, N, P, K, etc and enter mulch in notes       if nutrient content of mulch is provided, enter as fertilizer, N, P, K, etc and enter mulch in notes         harvest       leaves       Last associated with the leaves. harvest will be the date of any data associated with the leaves. harvest is an agricultural harvest, not an experimental harvest frequency       every years       enter a separate harvest enter a separate harvest management event each harvest management event each harvest         herbicide       g na.1 na-1       herbicide herbicide       herbicide herbicide         herbicide       kg na.1 na-1       herbicide herbicide       herbicide herbicide         herbicide       l ha-1       herbicide herbicide       herbicide herbicide         herbicide       l ha-1       herbicide herbicide         herbicide       herbicide       herbicide         herbicide       herbicide       herbicide         herbicide	$\operatorname{fertlization}_{-}\operatorname{N}$	kg ha-1		$\operatorname{fertilization}_{-}\operatorname{N}$	enter fertilizer type in notes
fertilization_P flood lamp					
Flood lamp   W   First   State   Sta	$\operatorname{fertlization}_{-}\operatorname{P}$	m mg~l-1		$\operatorname{fertilization}_{-}\operatorname{P}$	enter fertilizer type in notes
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mulch  kg ha-1  addition of mulch  kg ha-1  addition of mulch  after addenting the treat effects and an anagement; date of leaf harvest will be the date of any other and an associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated with the leaves, harvest will be the date of any data associated	flood lamp	$\mathbf{W}$		$\operatorname{light}$	
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harvest leaves leaves   K, etc and enter mulch in notes not a management; date of leaf harvest will be the date of any data associated with the leaves. harvest is an agricultural harvest, not an experimental harvest, not an experimental harvest, not an experimental harvest, not an experimental harvest frequency every years   enter a separate harvest management event each harvest herbicide   kg a.i. ha-1	$\mathbf{mulch}$	kg ha-1	addition of mulch		
harvest leaves					provided, enter as fertilzer_N, P,
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herbicide in notes  herbicide L ha-1 herbicide herbicide l ha-1 herbicide herbicide herbicide herbicide herbicide herbicide herbicide hierbicide herbicide herbicide horbicide horbicide horbicide horbicide horbicide horbicide horbicide					
herbicide L ha-1 herbicide l ha-1 herbicide herbicide herbicide herbicide herbicide herbicide herbicide hierbicide herbicide herbicide herbicide thougland mL irrigation cm	herbicide	kg ha-1		$\operatorname{herbicide}$	
herbicide herbicide herbicide herbicide herbicide Hoagland irrigation  herbicide herbicide herbicide herbicide herbicide herbicide herbicide herbicide herbicide			herbicide in notes		
herbicide herbicide herbicide Hoagland irrigation herbicide herbicide herbicide herbicide herbicide herbicide					
herbicide Hoagland mL irrigation cm herbicide		l ha-1			
Hoagland mL irrigation cm irrigation					
irrigation cm irrigation		_		herbicide	
$ m irrigation \qquad m3 \qquad \qquad irrigation$	9				
	irrigation	$\mathrm{m}3$		irrigation	

rrigation		$\operatorname{synonym}$	$\operatorname{notes}$
	m3 ha-1	irrigation	
rrigation	mm	irrigation	
0	time week-1	irrigation	
rrigation	times week-1	irrigation	
rrigation			
kept at field capacity	Hoaglands Strength		
kept at field capacity	mM N, modified Hoaglands		
ayer			unclear what this is
$\operatorname{light}$	W m-2		
nowing			
paraquat			
plant date		$\operatorname{planting}$	not a management. either enter
			as planting density or seeding
plant density	m-2	planting	$\operatorname{density}$
	m2	planting	
	plant ha-1	planting	
	plant ma-1 plant m-2	planting	
·	plants ha-1	planting	
	plants m-2	planting	
·	plants m-2	· •	
		planting	
·	plants m-2	planting	
planting	plants per row	planting	
planting	plants row-1	planting	
planting		planting	
planting date		planting	not a management unclear what this is
removal	1 1 1 0	harvest	unclear what this is
	kg seeds ha-2	$\underset{i.}{\operatorname{seeding}}$	
reseeding		seeding	
root harvest			not a management. harvest date
			will be with root data
rotation	rotation times		unclear what this is; can be
			entered as 'cropping', with
•			rotation info in notes
rotation	times		unclear what this is
	years of intervals		unclear what this is
rotation			unclear what this is
rotation date			unclear what this is
Row spacing	cm	row spacing	
ow spacing	m	row spacing	

mgmttype	$\operatorname{units}$	definition	synonym	notes
row spacing	m plants/m2		planting density	
row spacing			row spacing	
row spaing	m		row spacing	
row spacing	m row-1			
$\operatorname{seeding}$	g per plot		$\operatorname{seeding}$	
${f seeding}$	kg ha-1		$\operatorname{seeding}$	
$\operatorname{seeding}$	$ m kg\ ha ext{-}2$		$\operatorname{seeding}$	
$\operatorname{seeding}$	kg PLS ha-1		$\operatorname{seeding}$	
$\operatorname{seeding}$	${ m kg\ seed\ ha-1}$		$\operatorname{seeding}$	
$\operatorname{seeding}$	${ m kg\ seeds\ ha-1}$		$\operatorname{seeding}$	
$\operatorname{seeding}$	${ m kg\ seeds\ ha-2}$		$\operatorname{seeding}$	
$\operatorname{seeding}$	seed m-2		$\operatorname{seeding}$	
$\operatorname{seeding}$	seeds $m-2$		$\operatorname{seeding}$	
$\operatorname{seeding}$	seeds per lineal meter of row		$\operatorname{seeding}$	
sowing			$\operatorname{seeding}$	
$\operatorname{spacing}$	$\mathrm{m}2$		planting density	
${ m supplemental\ light}$	$\mu$ mol m-2 s-1 (PPFD)		$\operatorname{light}$	
temperature (day)	° celsius			not a management, average
				night and day temp as MAT in
				site (presumably a greenhouse)
temperature (night)	° celsius			not a management, average
				night and day temp as MAT in
				site (presumably a greenhouse)
$_{ m thinning}$				if a crop has been seeded and
				then thinned, just enter the final
				planting density
${ m transplanting}$			planting density	
water stress	Hoaglands Strength		irrigation	
watering	1		irrigation	
watering			irrigation	