

YEPI GI DEN PRANGRONMAN FU SABI FA DEN MUSU SORGU A DOTI TAKI PRANSUN MUSU TAN GRO BUN GI DEN BAKAPIKIN FU GUYANE

Content available in:



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CHAMBRE D'AGRICULTURE GUYANE



Fiche 1: Sabi a doti pe yu e prani

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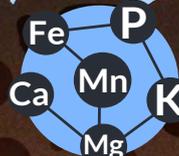


SAN A DOTI PE YU E PRANI E DU



A doti e gi den pransun nnyan nanga watra en a e sorgu taki den e tanapu steyfi tapu den rutu fu kan gro bun.

Yu musu sorgu a doti bun meki sani e tan gro na en tapu sondro problema, taki a watra no e wasi alasan puru baka, taki ala den difrenti microbiennes di de fanowdu gi den pransun e tan ini a doti meki den kan gro bun fu gi bun nanga gozontu nnyan fu wan langa pisiten.



HORI STEYFI NA DOTI

Wan doti san abi wan bun strokturu pe a winta e panya bun e gi den rutu a okasi fu ankra steyfi fu kan gro bun.

WAN MAKSIN FU DIFRENTI SORTU PRANSUN

A e hori den sani san e libi di e sorgu taki den matieres organiques e loto, dan den e kon moksi nanga a doti, taki sani kan gro moro bun.

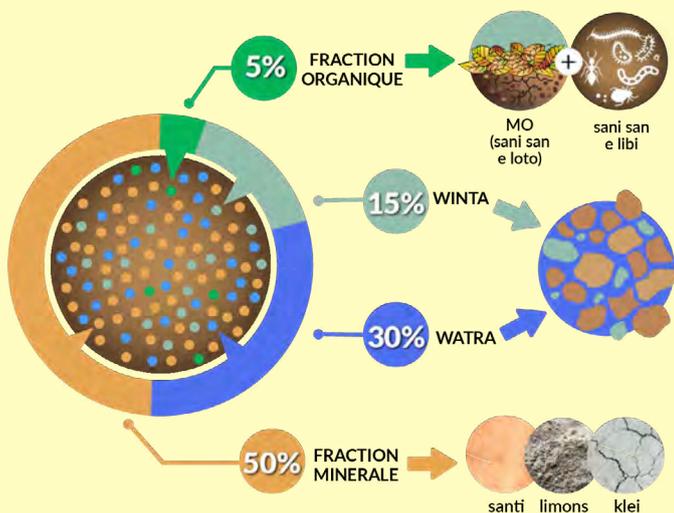
WAN BRON FU NNYANSANI GI DEN PRANSUN

A e gi ala den elements san de fanowdu leki (stikstof, fosfor, kalium) meki den pransu kan gro.

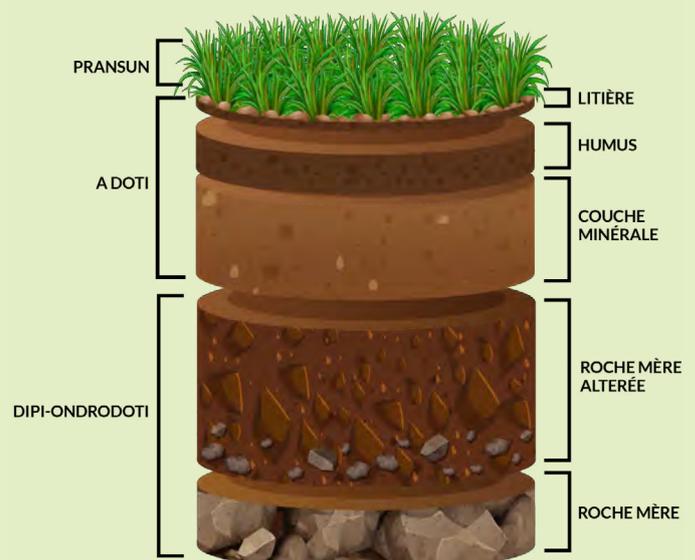
HORI WATRA

A e hori a watra gi den pransu leki fa a de fanowdu

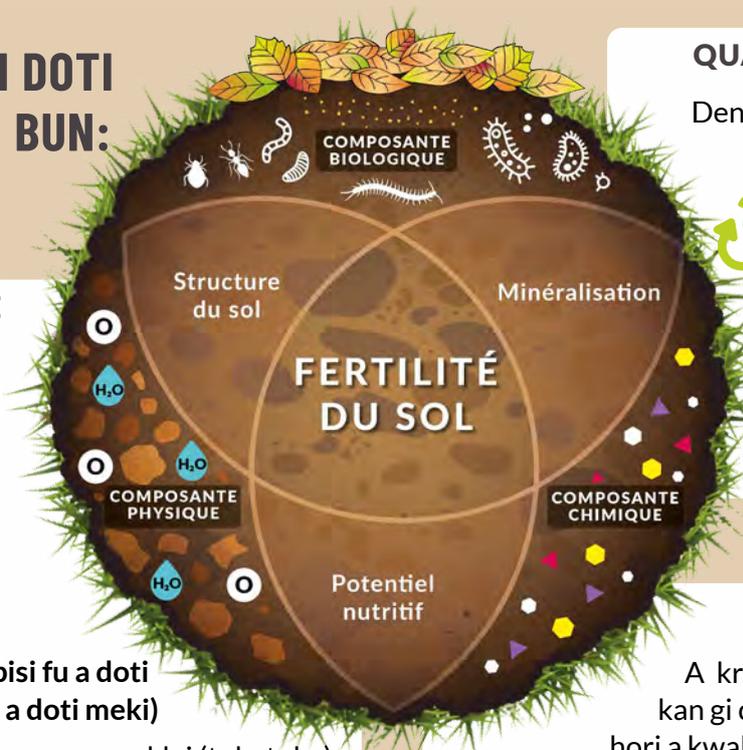
A DOTI MEKI FU



FA A GRON SETI



DEN PISI FU WAN DOTI PE NNYAN E GRO BUN:



QUALITÉ BIOLOGIQUE

Den sani san e libi ini a doti Lusu a MO pispisi

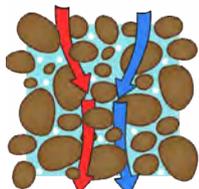


Den e sorgu taki den pransun e kisi den minéraux san den abi fanowdu



QUALITÉ PHYSIQUE

A strokturu fu a doti (panya fu watra nanga winta)



Winta Watra

Fa den difrenti sortu pisi fu a doti miti nanga densrefi (fa a doti meki)

- santi (Ø > 0,05mm)
- limon (Ø 2µm et 0,05mm)
- klei (tokotoko) (Ø < 2 µm)

SANTIDOTI	KLEIDOTI
<ul style="list-style-type: none"> A watra e panya bun (Ala watra san no de fanowdu e pasa gwe baka). 	<ul style="list-style-type: none"> A e hori watra bun makandra nanga den tra minéraux baka.
<ul style="list-style-type: none"> A doti e krin bun (A e lasi wan pisi fu den mineraux ini a dipi) A doti e drey esi 	<ul style="list-style-type: none"> A e hori a watra tumusi langa te alen e fadon A e meki a doti kon tay

QUALITÉ CHIMIQUE

A krakti san wan doti abi fu kan gi den pransun nnyan : pH, e hori a kwaliteit fu den matière organique nanga den éléments nutritifs.



AMENDEMENTS ORGANIQUES

VS

POTI KUNSTMEST

MEKI GEBROYKI FU DEN DOTI FU YU BAKA

Yu kan gebroyki den organique doti baka fu prani

MEKI DEN ELEMENT NUTRITIF

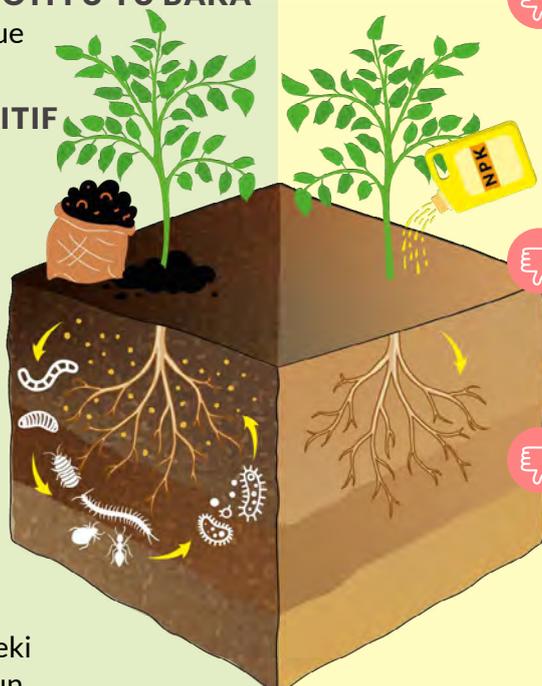
A fasi fa den matière organique meki, e sorgu taki pikinsopikinso, a natuur kan gi den pransun difrenti éléments nutritif.

SREKA A STROKTURU FU A DOTI MORO BUN

Fu a watra nanga a winta kan panya moro betre.

A TEN SAN DEN AMENDEMENTS FU YU E MEKI

Den oogst efu a meki fu den matières organiques kan meki taki a wroko no man waka so bun.



VERGEFTI A DOTI

Efu a kunsment furu tumusi a kan saka go ini a doti go miti pe a ondrogronwatra e pasa, dan a kan vergefti a watra. A sani disi wi e kari euthrophisation.

TE A STROKTURU FU A DOTI BRUYA

- A no e hori watra bun moro.
- A no e hori den éléments fertilisants bun moro.

A DOTI NO E LIBI MORO

Efu a doti no e kisi den matières organiques na den yoosti yuru, dan a doti no e man libi moro, a heri libiketi fu a pisi gron dati e koti.

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CHAMBRE D'AGRICULTURE GUYANE



Fiche 2: A libi fu a doti

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DEN WROKO FU A BIODIVERSITE FU A DOTI

A DOTI ABI A MORO GUDU BIODIVERSITE FU A HERI PLANEET

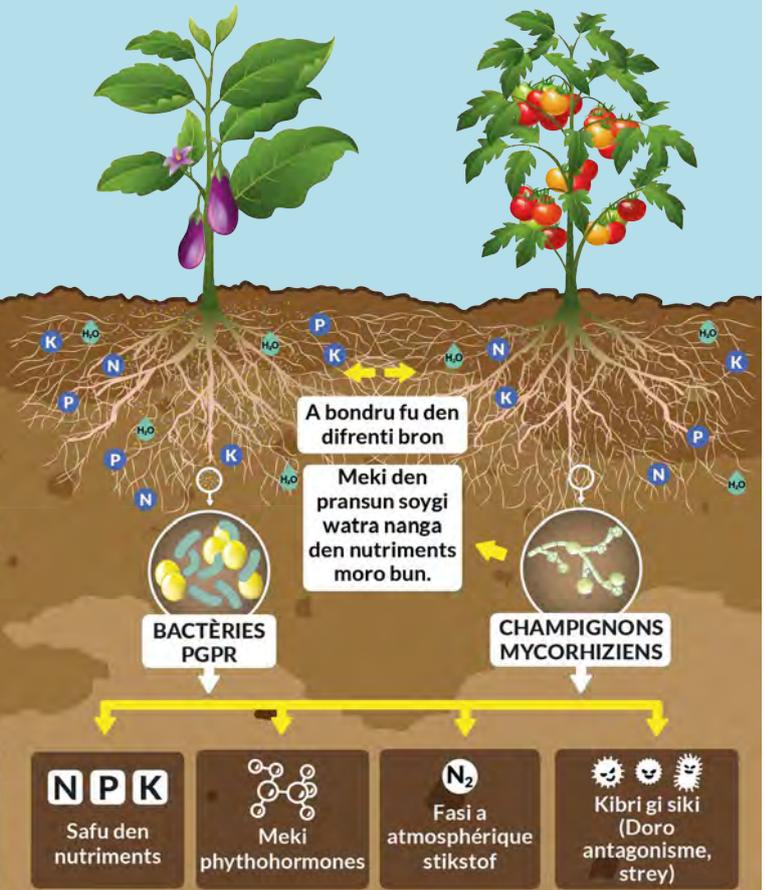
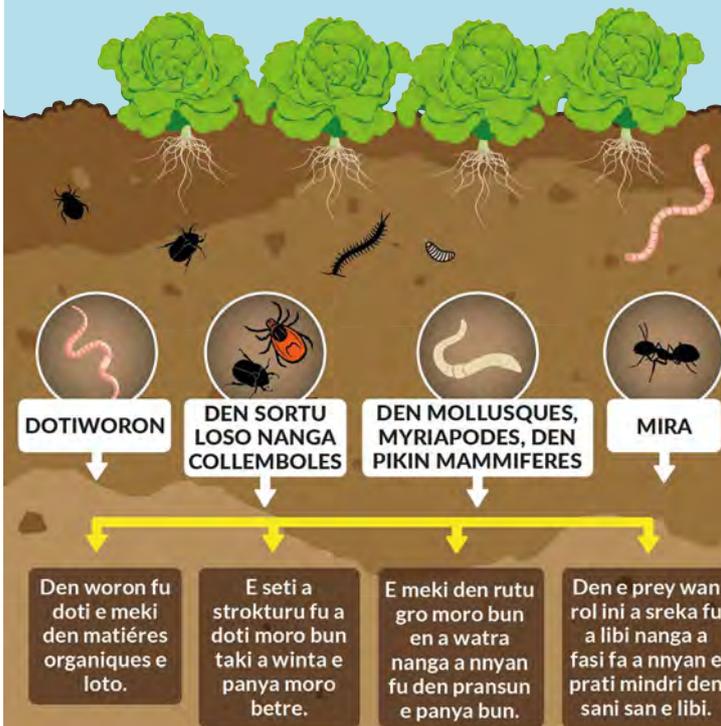
A doti na a moro bigi maksin fu a biodiversité fu a planeet.

A doti e hori krosibey fu 80% fu a biodiversité san wi abi nanga beyna 30% fu a biodiversité fu a heri grontapu.

	Quantité gr ou m ² de sol	Biomasse kg/ha
Bactéries	10 ⁶ - 10 ⁹ /gr	300-3000
Buku (todoprasoro)	1 km d'hyphes/gr	500-5000
Invertébrés	10 ³ - 10 ⁴ /m ²	500-2000
Dotiworon	1 - 4 millions ini 1 ha	2000- 3000

DEN MICRO-ORGANISMES:

DEN METI:



DEN WINI FU WAN DOTI SAN E LIBI

DEN NUTRI-MENT SAN E KOMOPO FU A NATUUR



A e meki den matièrès organiques e loto dan den e tron nnyan gi den pransun.

SREKA FU A WATRA



A e meki a watra e panya moro bun ini a doti, a e hori en sreka a watra.

MEKI A BUN DOTI NO WASI GWE



Seti a strokturu fu a doti meki a de stabil.

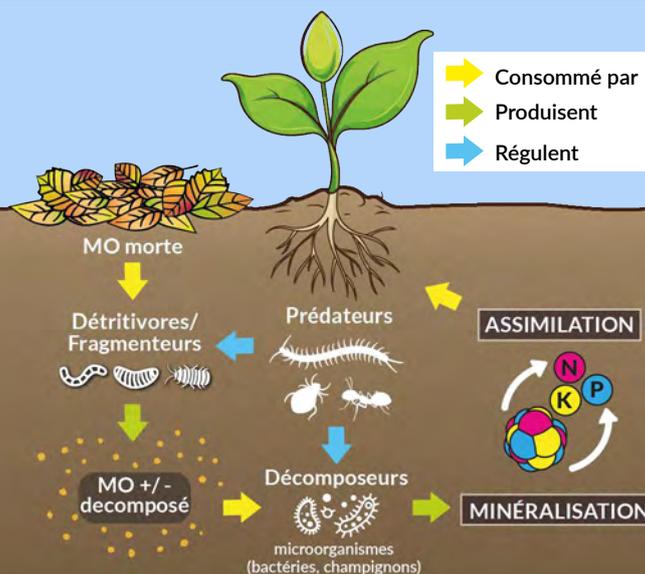
SETI FU A CLIMAT



Hori a koolstof en no meki furu broeikasgas psa go ini a winta.

GEBROYKI DEN MATIERES ORGANIQUES BAKA

Den organismes fu a doti e prey wan bigi rol ini a fasi fa yu kan gebroyki den matières organiques baka. Fu di den e mara den pisi fu den pransun nanga di fu den meti, dan den e meki den nutriments di de tran-ga fanowdu leki koolstof nanga fosfor e panya pikin-sopikinso ini a doti gi den pransun.



DEN SANI SAN YU E DU SAN NO BUN GI A DOTI



Yu e stampu a doti, te yu e rèy doro nomo nanga den landbouwmachine na en tapu, dan a watra nanga a winta san den pransu no man libi sondro den, no e man panya so bun moro. A kan meki a doti lasi krakti so dati sani no man gro bun na en tapu moro.



Te yu krin a presi puru ala den wiwiri, dan te a bigi alen kon, a e wasi ala den nnyan ini a doti gwe, dan te a son faya, dan a heri pisi doti dati e kon drey tumusi.

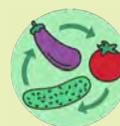


Furu kunstmest nanga furu pesticide e bruya a bun libi fu den sani ini a doti.

DEN SANI SAN YU E DU SAN BUN GI A DOTI



A bun fu poti mest gi a doti, te yu e meki kompost nanga te yu e dray a doti na den bun momenti, etc.



A bun oktu taki yu no e prani a srefi sani tapu a srefi doti ala yuru, dan a doti e hori moro langa.



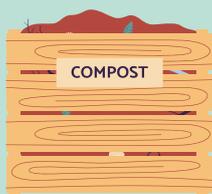
Yu kan prani bon makandra nanga den tra pransun meki a winta no way den pransun gwe en yu e tan hori a busi.



Efu yu e prani wantu bon dan yu e prani tra pransun na den ondro taki a son no e naki den tumusi, dan yu e sorgu taki a doti e kisi moro furu stikstof (azote) en den pransun e gro moro bun.

EKSEMPRE FU DEN AMENDEMENTS ORGANIQUES

COMPOST



KROFAYA



MEST



Fowrumest,
Kawmest,
Asimest,
Krabitamest,
Agumest

BMF



Pispisi
rameal udu

BIOSTIMULANTS



Den doti fu den pransun,
aminozuur, peptides,
humates, den matières
organiques nanga den
micro-organismes

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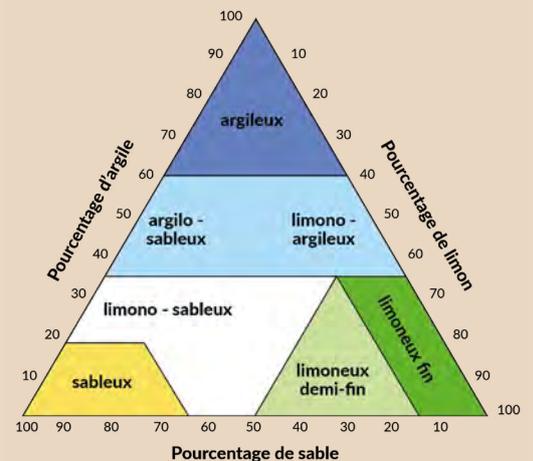
Fiche 3: Stuka a doti fu ferstan fa a meki



DEN DIFRENTI PISI FU A DOTI : TEXTURE

santi ($\varnothing > 0,05\text{mm}$)
 limon ($\varnothing 2\mu\text{m}$ et $0,05\text{mm}$)
 kley (tokotoko) ($\varnothing < 2\mu\text{m}$)

GRANULOMETRIE		
Yu kan prati a doti na (klei, limon, santi)		
INTERET		
- Hori a strokturu fu a doti. - Sabi omeni watra nanga nutritif a doti kan hori. - Seti a fasi fa a winta nanga a watra e panya ini a doti meki den rutu gro go ini a doti bun.		
LECTURE		
Santidoti : watra e panya bun, den éléments nutritifs pina, a no man hori a watra so bun.	Doti limoneux : A safu gi battance	Kleidoti : A doti e hori watra bun ma a winta no e panya bun en a tranga fu dray.



COMPOSANTE BIOLOGIQUE : ACTIVITE MICROBIENNE

BIOMASSE MICROBIENNE ACTIVE		
A abi den fini pisi fu den micro-organismes fu a doti di e gi libi en di e meki taki den matières organiques e loto en oktu gi a minéralisation fu a doti.		
INTÉRÊT		
<ul style="list-style-type: none"> Marki a krakti fu a doti di kan kenki den matières organiques Disi kan sori esiesi efu a doti bun fu kan prani na en tapu (dray a doti, tyari den matières organiques, wroko nanga machines) 		
LECTURE		
Basse	Moyenne	Elevée
A doti kon pina, a abi pikinso aktivité microbienne nomo.	A doti kan abi pikinso mest nomo, ma a kan sreka nanga den matières organiques fu kan meki sani kan gro bun na en tapu	Biologiquement a doti e wroko heri bun, den matières organiques e seti densrefi bun baka.

TAUX DE MINÉRALISATION		
Furu matières organiques minéralisées de ini a doti di komoto fu den activités microbiennes. (N P K)		
INTÉRÊT		
Marki a krakti fu a doti fu kan fri den nutriments fu a matière organique ensrefi		
LECTURE		
Basse	Moyenne	Elevée
A doti swaki, a no e wroko so bun en den microflore no de so aktif.	A doti e wroko bun, alarani de na balans	A doti e wroko heri bun, a minéralisation e go esi ma, a risikow de taki a kan lasi den matière organique esi.



COMPOSANTE CHIMIQUE : FERTILITE MINERALE

MATIÈRE ORGANIQUE (%)

Prati a doti na a fasi fa den difrenti sani e loto inisey (N,P,S,etc.)

INTÉRÊT

- Sreka a strokturu fu a doti meki a stabil.
- Pool nutritif fu den pransun kan kisi den éléments minéraux pikinsopikinso.
- A kraktibron fu den micro-organisme
- A e meki a CEC nanga a fasi fa a e hori watra e gro.

LECTURE

🙄 Faible	😊 Moyenne	😊 Elevée
A doti pina, a fertilité biologique nanga chimique swaki.	A doti e wroko bun, wan bun balans de mindri hori en lusu des nutriments	A doti gudu, a e wroko heri bun biologiquement nanga a kan sreka kon bun esiesi baka.

ELEMENTS NUTRITIFS

Den éléments minéraux san de tranga fanowdu gi den pransun leki : Fosfor, (P), Kalium (K), Magnésium (Mg), Natrium (Na), Calcium (Ca)

INTÉRÊT

- A e sori den pisi nutritif fu den pransun
- A e meki yu kan luku omeni amendement efu fertilisants de fanowdu

LECTURE

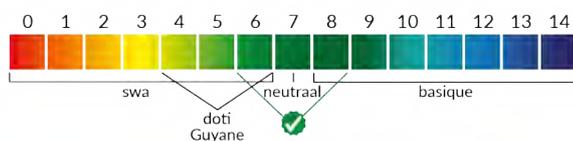
🙄 Faible	😊 Moyenne	😊 Elevée
Sani kan mankeri, sani no man gro so bun, den defrenti pisi no de ini balans	Furu sani no e makeri, wan bun balans de bun furu sortu pransun	Wan heri bun reserve nutritif de, ma wan risikow de taki den difrenti pisi kan blokeer densrefi efu den furu tumusi.

PH

E marki a swa fu a doti.

INTÉRÊT

E gi a okasi fu kan sori a biodisponibilité fu den éléments nutritifs fu a doti nanga den diffrenti sortu sani san yu o man prani na en tapu.



LECTURE

pH > 6	pH 5-6	pH < 5
A doti de neutraal, a swa pikinso, yu kan prani furu difrenti sortu pransun na en tapu	A doti no swa tumusi, den activités biologiques bun.	A doti swa psa marki. A kan tapu a wroko fu a fosfor(P) en a doti e abi tumusi furu aluminiumvergefti (Al ³⁺)

RAPPORT C/N

A prati fu a carbone organique (C) nanga a stikstof (N) ini a doti.

INTÉRÊT

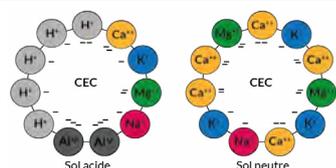
- Sori o esi a matière organique e minéralisé
- E sorgu fa den matière organique musu tan ini balans nanga densrefi, a C/N.

LECTURE

🙄 Faible	😊 Moyenne	😊 Elevée
A e minéralise esi, a abi risikow fu lasi stikstof en den pransun kan bron	Wan bun balans de mindri a loto fu den sani ini a doti nanga a stikstof	A e teki ten fu minéralisé en a risikow bigi taki a stikstof e mankeri furu

CEC (CAPACITÉ D'ÉCHANGE CATIONIQUE)

Wan maksin fu a biodisponibilité fu den éléments nutritif leki (K⁺, Mg⁺⁺, Ca⁺⁺, Na⁺) san a doti kan hori fu prati gi den pransun.



INTÉRÊT

A e sori a krakti fu a doti fu kan hori den nutriments

LECTURE

🙄 Faible	😊 Moyenne	😊 Elevée
A reserve nutritif swaki, a doti kan lasi a fosfor nanga den tra sani esiesi	A doti e wroko bun, a e hori en prati so bun taki alasani e de tapu balans	A maksin abi furu nutritifs inisey.



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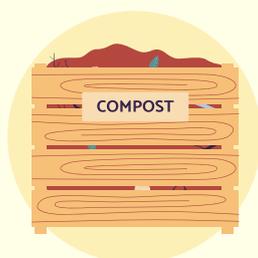
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CHAMBRE D'AGRICULTURE GUYANE



Fiche 4: Soil amendments available in French Guyana



COMPOST

SUPPLIER	LOCATION	CONTACT	ADRESS	DISTRIBUTION (*)	PRICE (2025)	
Compost péyi	St. Laurent du Maroni	0694 41 41 55	Lotissement agricole des citrionniers RD9	On site / Delivery available in the west	Bag 20L	10 €
		baf.guyane@gmail.com			Tonne	40 €
Centre de compostage Espaces Clauzel	Matoury	0594 38 10 11	6 rue Calimbes, 97300 Cayenne	On site / Delivery subject to conditions	3 Bags	15 €
		secretariat@espacesclauzel.fr			Tonne	17 €

* Keep in mind that high delivery costs significantly affect the overall cost of using the amendments.



HORSE MANURE

SUPPLIER	LOCATION	CONTACT	ADRESS	DISTRIBUTION	PRICE (2025)	
Club Hippique de Kourou	Kourou	0594 32 24 54	4 Av. Rosilvine, Kourou 97373, Guyane française	To be collected on site Contact in advance	Free biowaste, subject to availability	
Centre équestre Kikinon	Macouria	0594 38 88 96	5075 Route Départementale 5	To be collected on site	Bag 20L	5 €
		kikinon@hotmail.fr				
Ecuries de Marivat	Montsinéry Tonnegrande	0694 45 49 05 0694 20 84 08 ecuriesdemarivat@gmail.com	2128 Route Départementale 5	To be collected on site	Bag 25 Kg	10 €
					Pickup bin	50 €
					Dyna bin or van	70 €



BAGASSE

SUPPLIER	LOCATION	CONTACT	ADRESS	DISTRIBUTION	PRICE
Rhumerie St Maurice	St. Laurent du Maroni	0594 34 09 09	Lieu-dit Saint Maurice - Rue Ernest PREVOT 97320 Saint Laurent du Maroni	To be collected on site Contact in advance	Free biowaste, subject to availability
		accueil.rsm@gbh.fr			



OTHER IMPORTED RESOURCES

SUPPLIER	TYPE	LOCATION CONTACT	DISTRIBUTION	PRICE
 LE BÂTIMENT GUYANAIS <i>Bâtissons la Guyane</i>	Calcaire broyé	Magasin Matoury : 0594 38 08 50 Magasin Cacao : 0594 40 16 56 Magasin Mana : 0694 45 53 73 Magasin SLM : 0594 92 01 30	In-store pickup	To be viewed in store
	Dolomie BIO			
	Granucap			
	Dolomie Phosphatée			
	Gamme complète de fertilisants organiques en pellets			

SUPPLIER	TYPE	LOCATION CONTACT DISTRIBUTION	PRICE
 Novamazonne	Sicomer-Cal (Chaux d'algues marine) 50%CAO 36,4% Ca 52% V.N Utilisable en AB	WhatsApp : +594 694 23 76 96 contact@novamazonne.com	Contact supplier
	Naturactiv (Fumier de poule) NPK 4,3,3 1MgO Oligos Utilisable en AB		
	Combisulphate (Calcaire + Sulfate de Potasse) 14% K2O 6% MgO 17%CaO Utilisable en AB		