Mettre en place le système d'irrigation par aspersion

Planification, choix du matériel de plomberie, montage des cannes d'aspersion et entretien pour une couverture d'eau homogène et douce.



KƆNƆKOW

1 Anw
2 Aspersioni kalan bɛɛ kɛlɛbɛ
3 Yiriwali daminɛna tila la tila 5 la.
4 FORO DƆ MIN BƐ BAARA KƐ NI JII-BƆLAN YE
5 I ye ji-yɔrɔ dɔ sɔrɔ, i n'a fɔ digi, forage, ji-bon, ba walima ba-kɔrɔn.
6 I k'a fɔ ka **pompu yɔrɔ** dɔ sɔrɔ: **pompu tiyɛrmiki** walima **pompu kɔrɔn-joli** min bɛ ji
7 Layini ba
8 PLOMBERIE-KƆNƆNAFƆLƆW MINNU BƐ KƐ
9 4x
10 4x
11 Aw ka wolo minnu sɔrɔ ka kan :
12 JIKAN-FARA LADILI NI SEBENI HEKTARI KILOMÈTRE KARE 100 KAN
13 10m
14 Mɛtɛrɛ 10
15 BAJI-JIGINNA-KƆNƆKUN BA KUNBƐNNA HEKTARI KƐMƐ (100M2) KAN
16 **Ligne principale**
17 Layini ba
18 Rampes
19 **Baara kɛ ni sekeseke ye walima ni sɛnɛkɛ minɛn ye ka baara kɛ ni dɔgɔkun fila ni naani ye ani seegin ye**
20 2x
21 4x
22 ASPERSION SYSTEME BA BOLI NI SEBEN KAN HEKTARI KƐMƐ KAN
23 3m
24 Yɛlɛn baara-joliw jigin-yɔrɔw la walasa ka 30/25 mm tée-nafolo naani sigi.
25 Té de raccordement walima
26 PER ɖɔnɔ
27 Cɛ-raccord
28 Kɔrigibolo
29 **Ecrou de serrage**
30 Walasa ka dugu-juru laban, i kana cɛ-juru tiɲɛ, i ka teflon yɛlɛn fila kɛ juru-yɛlɛn fɛ.
31 Vanne
32 A ka **vanɛ fɛmɛlɛ** min ka bon ni **kɛrɛntɛn fila** ye, o fara **jifaga-kunw** kan. O b'a to i
33 Iri-kɔnɔ-juru fila don i ka ji-don-kun kan, juru bɛ taa cogo min na, i bɛ o cogo kelen na.
34 Aw ye o baara kɛ fana jii-falen wɛrɛ saba kan.
35 Yiriw laban ni jiriw ye ni jɔli-kɔnɔ-juru ye.
36 ASPERSION-SISTƐMU LABANTA YANTA KAN MÈTƐRƐ KARE BA CAMAN KAN
37 Kɔrɔsi sistɛmu ka kan ka baara kɛ ka ɲɛ ani ka laɲini kɛ ko a tɛ bɔ. O bɛ se ka
38 JIKAN-JURU LADILIKAN NA BAARA KƐYƆRƆ HEKTARI KƐMƐ KAN
39 Hɛrɛn ka a laɲini ko baara bɛ kɛ ka nɔgɔn, wa a ma bɔ yɔrɔ si la ni i bɛ
40 Ayiwa! I ye i yɛrɛ ka jii-falen-jii-sɛnɛ-masin dilan koo kalan.



Anw

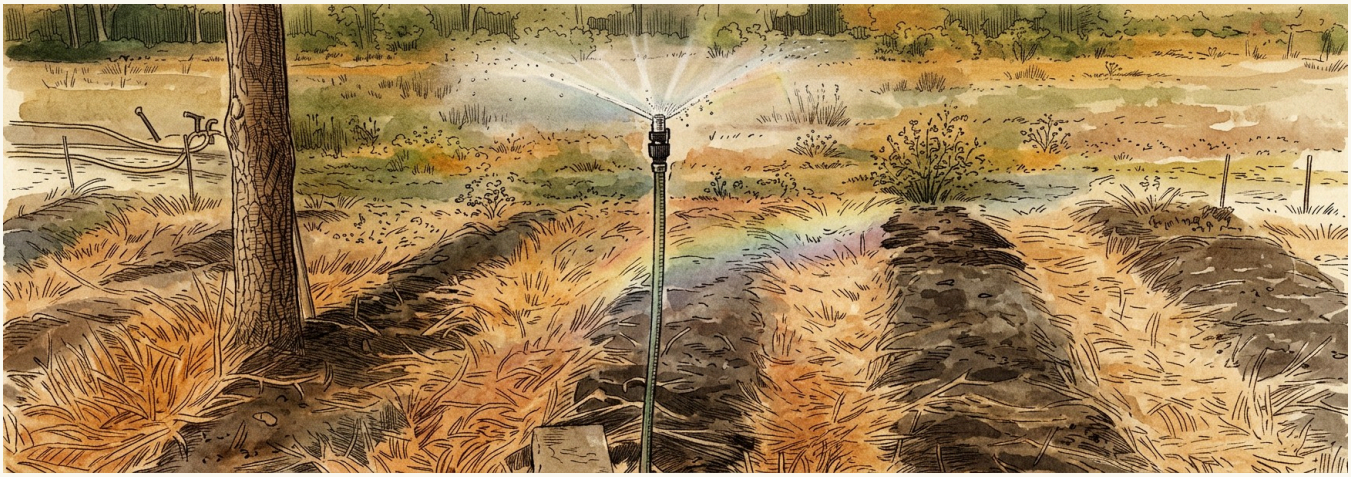
Anw bɛna a jira i la cogo min na i ka **jifara-yɔrɔ** (système d'irrigation) sigi sen kan **maraichɛrɛ-baara** (entreprise maraîchère) kɔnɔ min bɛ baara kɛ **ɲɛnajalan** (bio intensive) ni **dugukolo-ɲɛnajalan** (sol vivant) ye.

- **Jifara-yɔrɔ** (système d'irrigation) sigi sen kan **maraichɛrɛ-baara** (entreprise maraîchère) kɔnɔ min bɛ baara kɛ **ɲɛnajalan** (bio intensive) ni **dugukolo-ɲɛnajalan** (sol vivant) ye.



Aspersioni kalan bɛɛ kɛlɛbɛ

Ji ka kɛlɛbɛ, o bɛɛ wele ko o bɛɛ sɔrɔ, o ye ji dɔɔnin kɔnɔ, o tɛmɛna dɔɔnin dɛmɛna. Hali bɛɛ bɛ danfɛ, o bɛɛ kɛlɛbɛ dɔɔnin kɔnɔ, o tɛmɛna kɔnɔ dɛmɛna. Système semi-automatique bɛɛ bɛ danfɛ, o bɛɛ kɛlɛbɛ dɔɔnin kɔnɔ, o tɛmɛna kɔnɔ dɛmɛna, o bɛɛ sɔrɔ o bɛɛ kɛlɛbɛ dɔɔnin kɔnɔ, o tɛmɛna kɔnɔ dɛmɛna, o bɛɛ danfɛ o bɛɛ kɛlɛbɛ dɔɔnin kɔnɔ.



Yiriwali daminɛna tila la tila 5 la.

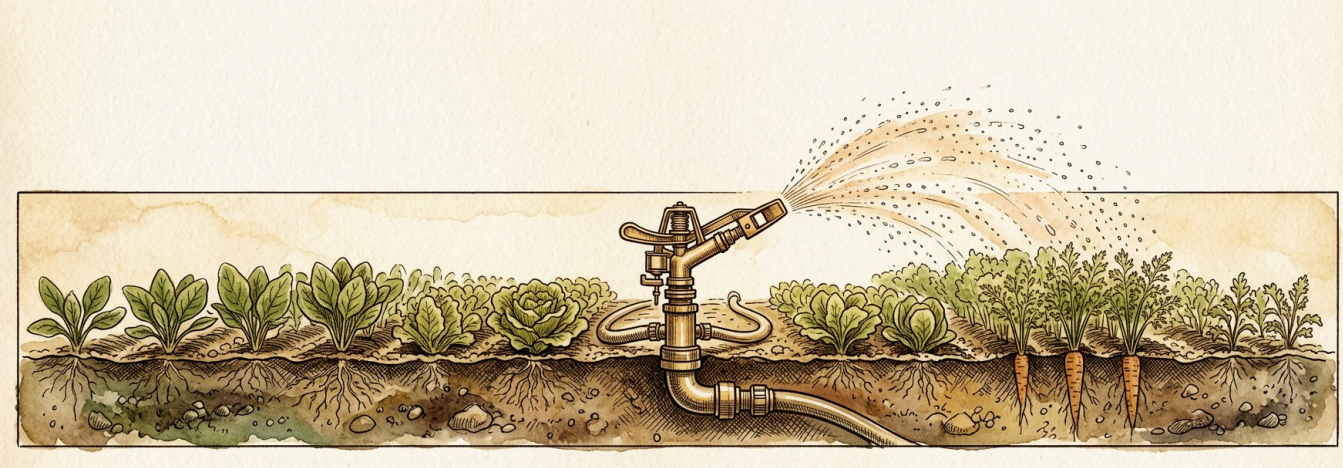
Yiriwali daminɛna tila la tila 5 la. N'i ka dɔnkilidala bɛɛ sigilen, o ye baara ye min tɛ tila kɛ ni mɔgɔ fila ye, ni yɔrɔ ye m2 100 ye.



FORO DƆ MIN BƐ BAARA KƐ NI JII-BƆLAN YE

JII-BƆLAN KAN

I ye ji-yɔrɔ dɔ sɔrɔ, i n’a fɔ digi, forage, ji-bon, ba walima ba-kɔrɔn.



I ye ji-yɔrɔ dɔ sɔrɔ, i n’a fɔ digi, forage, ji-bon, ba walima ba-kɔrɔn.

I ye ji-yɔrɔ dɔ sɔrɔ, i n’a fɔ digi, forage, ji-bon, ba walima ba-kɔrɔn.

PARTIE 6 SUR 40

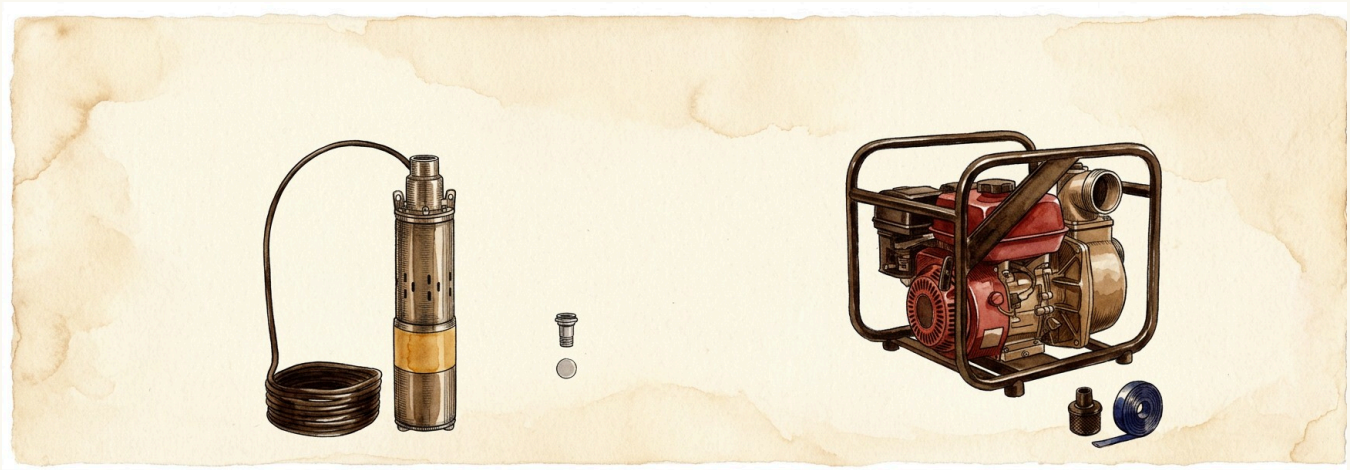
6

I k'a fɔ ka **pompu yɔrɔ** dɔ sɔrɔ: **pompu tiyɛrmiki** walima **pompu kɔrɔn-joli** min bɛ ji bɔ.



I k'a fɔ ka **pompu yɔrɔ** dɔ sɔrɔ: **pompu tiyɛrmiki** walima **pompu kɔrɔn-joli** min bɛ ji bɔ.

I k'a fɔ ka **pompu yɔrɔ** dɔ sɔrɔ: **pompu tiyɛrmiki** walima **pompu kɔrɔn-joli** min bɛ ji bɔ.

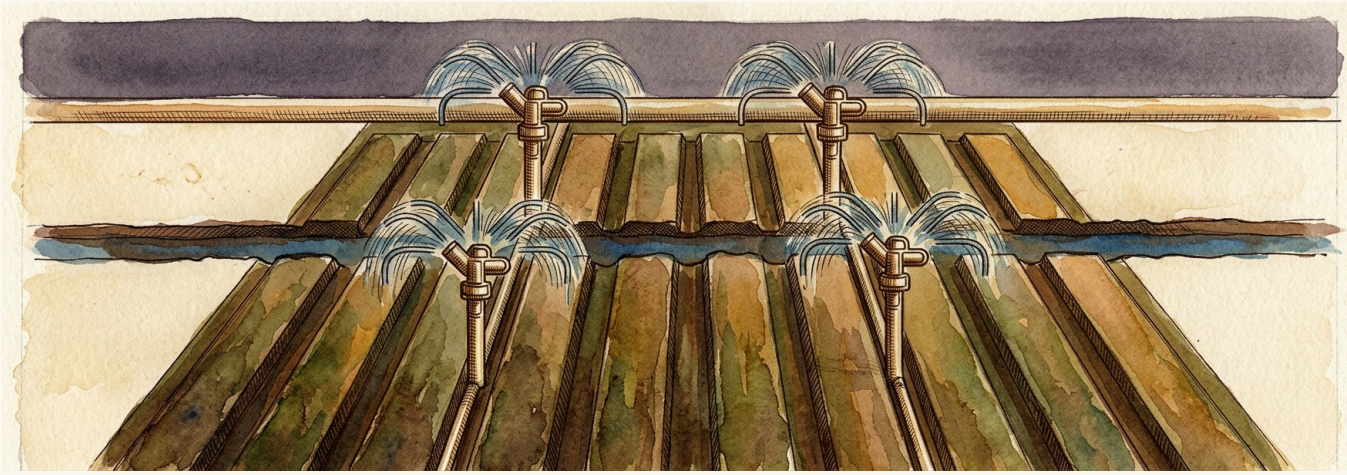


Layini ba

Aspersion ka kaniw

O kɔfɛ, ji yɛlɛn-yɛlɛn sigida ni:

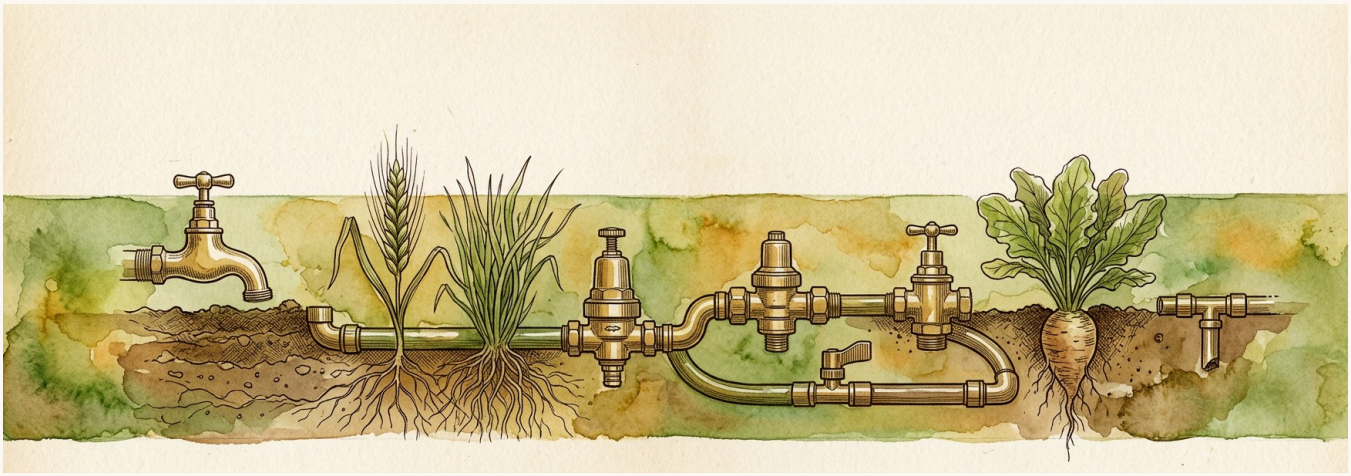
- Layini ba kelen
- Layini filanan fila minnu bɛ wele fana ko “aspersion ka rampe”
- Aspersion ka kaniw naani



PLOMBERIE-KƆNƆNAFƆLƆW MINNU BƐ KƐ

PLOMBERIE-KƆNƆNAFƆLƆW MINNU BƐ KƐ

4x



4x

2x 1x

Layini belebeleba ni layini fitininw labɛnni kama, i ka nafa ni nin na:

- **Tiyo** min ka bon **40 mm**: a ka jan ka kɛ i ka jida janin ye.
- **Tiyo** min ka bon **32 mm** min ka jan **mɛtɛrɛ 20**
- **Tee** fila minnu ka bon **40/32**
- **Vane** naani minnu ka bon **32**
- **Vane** kelen min ka bon **40**

4x



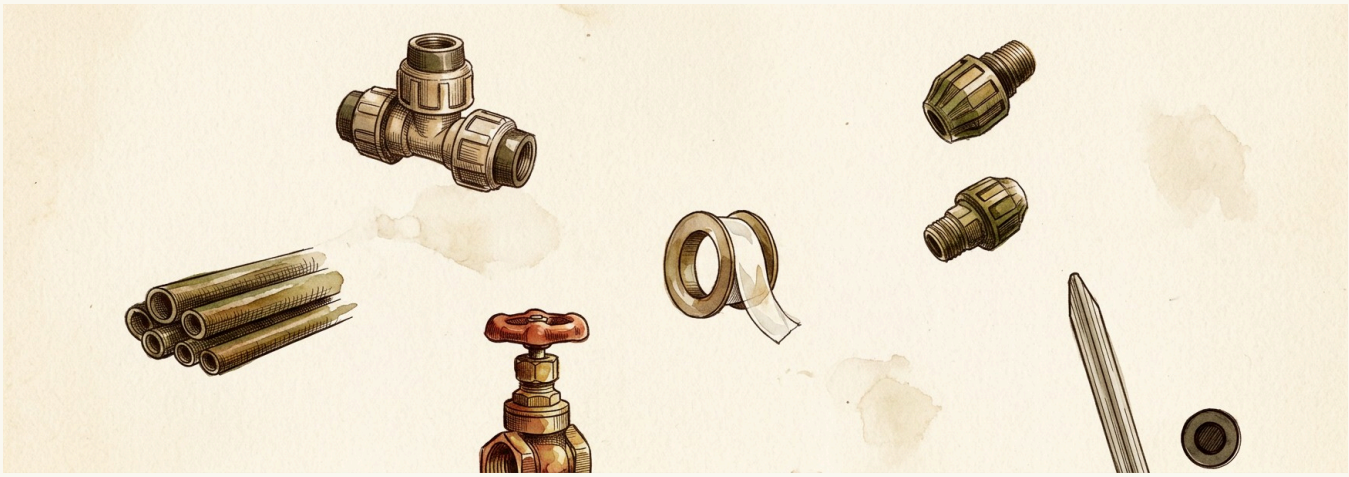
4x

4x 4x 4x

Aspersion ka **kan**w ka lajɛ la, i ka **minɛn** ninnu ye a ka **kɛnɛ** ye:

- **Té** naani minnu ka **jɛn** 32/25
- **Tuyau PER** naani minnu ka **janya** mɛtɛrɛ kelen kelen
- **Raccord mâle** naani 25/15
- **Vanne femelle** naani 15 mm
- **Piquet** naani minnu ka **janya** mɛtɛrɛ kelen kelen
- **Téflon** ka **sigi** a la
- 4x

Aw ka wolo minnu sɔrɔ ka kan :



Aw ka wolo minnu sɔrɔ ka kan :

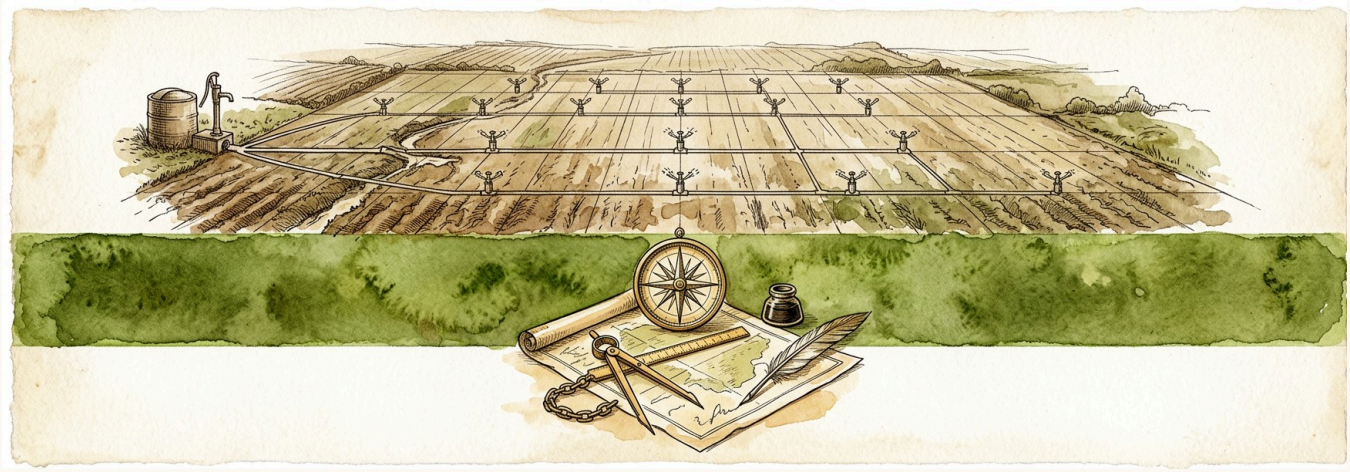
- Misiri sawu
- Muru
- **Sabun jii** ka dɔgɔya ka baara kɛ ni fɛn caman ye
- Mɛtɛrɛ
- Juru



JIKAN-FARA LADILI NI SEBENI HEKTARI KILOMÈTRE KARE 100 KAN

DABALI 1: KANW JALA

10m



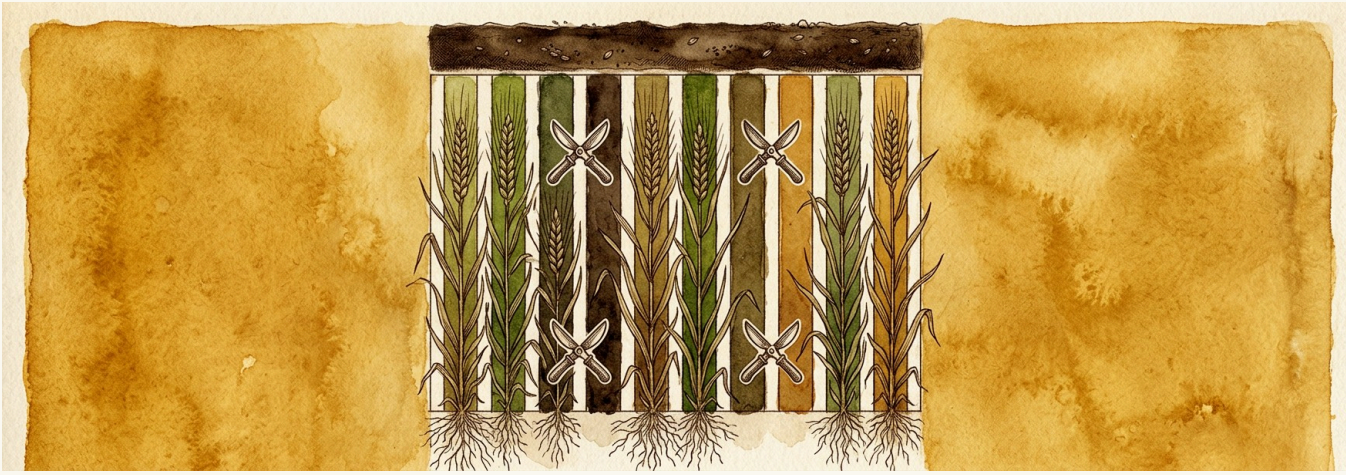
10m

10m **Joliw ka bɔnɔn ka kɛ kelen ye**, i ka joliw sigiyɔrɔ labɛn ka kɛɲɛ ni u ka **joli-yɔrɔ** ye. Joliw ka joli-yɔrɔ ye **mɛtɛrɛ 3 fo ka se mɛtɛrɛ 6 ma** ka kɛɲɛ ni **joli-fanga** ye.



Mɛtɛrɛ 10

Mɛtɛrɛ 10: Mɛtɛrɛ kɛnɛ 100 (o tun ye mɛtɛrɛ 10 x mɛtɛrɛ 10) kan, i bɛ asperseri naani sigi.



BAJI-JIGINNA-KƆNƆKUN BA KUNBƐNNA HEKTARI KƐMƐ (100M2) KAN

KUNBƐNNA FILAN: BAJI-JIGINNA-KƆNƆKUNBA NI BAJI-JIGINNA-KƆNƆKUNW LABANTAW KUNBƐN

Ligne principale



Ligne principale

I k'i **tuyau** min bɛ kɛ **40 mm** ye ka bɔ **ligne principale** la ka don **parcelle** da la.



Layini ba

1x O kɔfɛ, i ka **van** min ye **40 mm** ye, i ka o sigi **tuyau** da la walasa ka baara kɛ ni a ye ani ka **irrigation** lajɛlenba sɔrɔ ni a ka kan.

Walasa ka **tuyau** ni **van** ani **té** sigi yɔrɔ kelen, i ka sabun jigin a da la siŋɛ kelen walima fila.

Rampes



Rampes

Ligne kuraw ka ta ye, i ka **tuyau** min ye **32 mm** ye, i ka don **passe-pieds** na min ye **4nan** ye. O kɔfɛ, i ka **tuyau** filanan min ye **32 mm** ye, i ka don

- **passe-pieds** na min ye **8nan** ye.

Baara kɛ ni sekeseke ye walima ni sɛnɛkɛ minɛn ye ka baara kɛ ni dɔgɔkun fila ni naani ye ani seegin ye



Baara kɛ ni sekeseke ye walima ni sɛnɛkɛ minɛn ye ka baara kɛ ni dɔgɔkun fila ni naani ye ani seegin ye

minnu na **tuyau secondaire**w sigilen bɛ.



2X

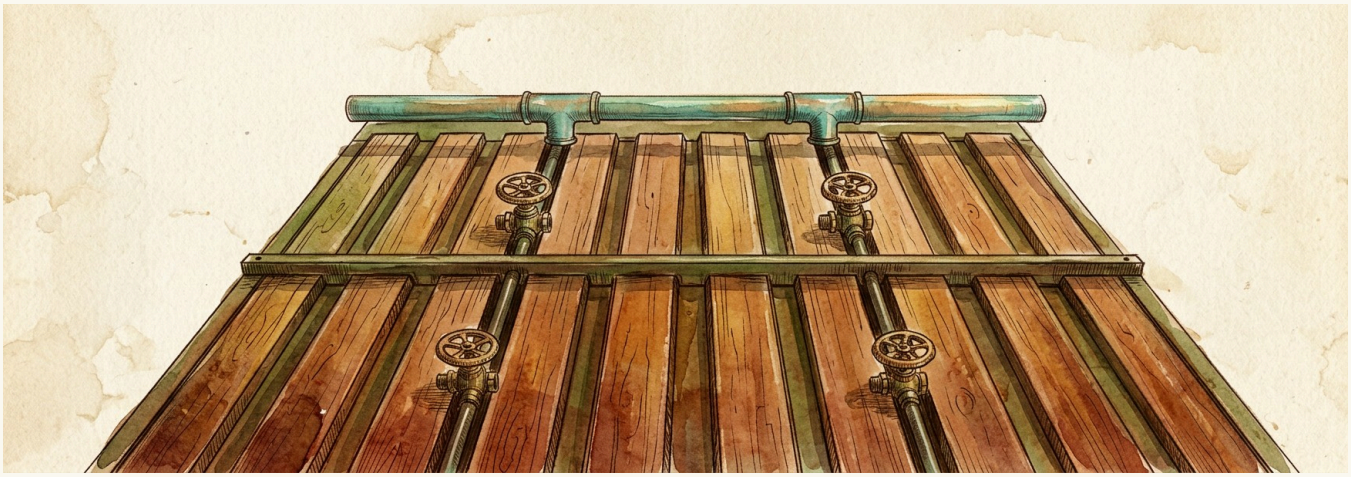
Aw ye **tée** fila (40/32) don **tuyo** ba la (40 mm). O kɔfɛ, aw ye **tuyo** fitininw (32 mm) jɔn.

4x



4x

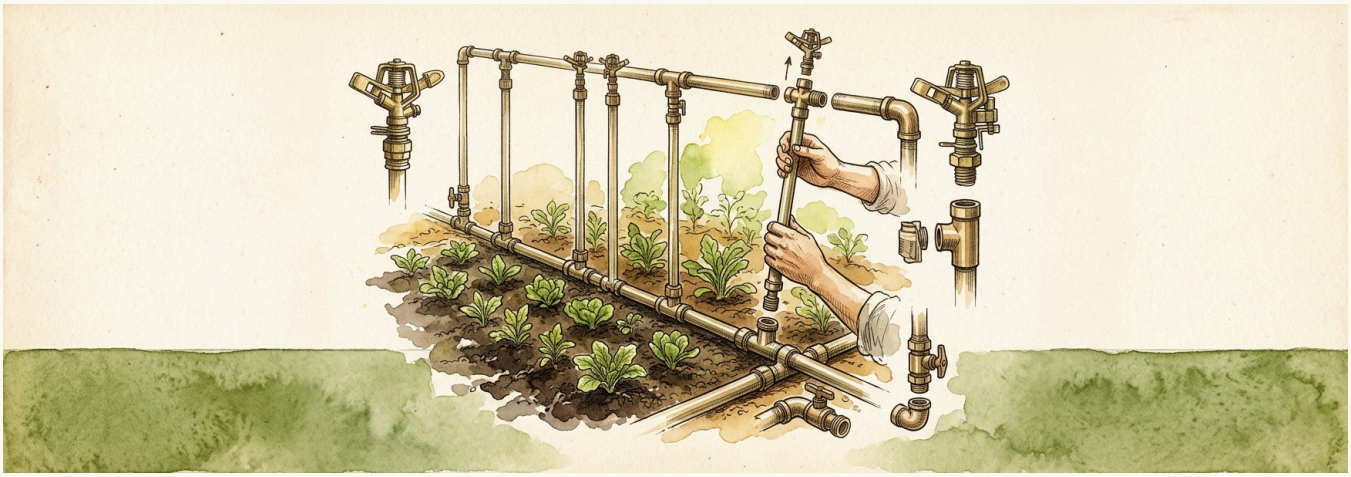
Aw ye **van** (vannes) naani (4) minnu ka bon **milimɛtɛrɛ** (millimètres) bisaba (32) ye, olu sigi **lɛni** (lignes) dancɛw ni a daminɛw kan. O bɛna a kɛ aw ka nɔgɔya ka **sistɛmu** (système) in **kɔlɔsi** (entretenir) ani ka a **kɔrɔtalen** (prolonger) kɛ.



ASPERSION SYSTEME BA BOLI NI SEBEN KAN HEKTARI KƐMƐ KAN

ÉTAPE 3 : ASPERSION KAN BA BOLI

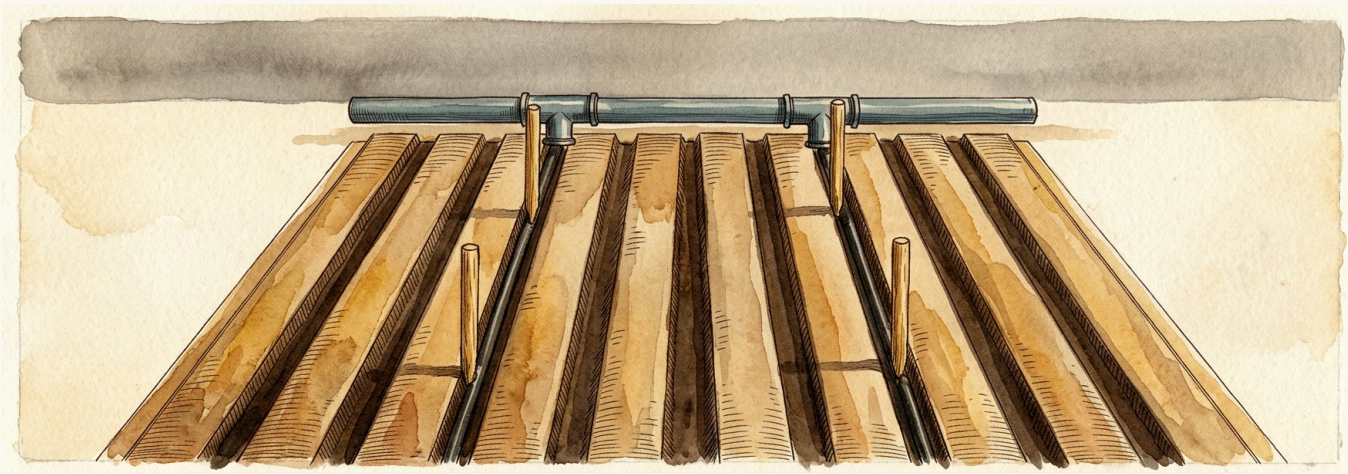
3m



3m

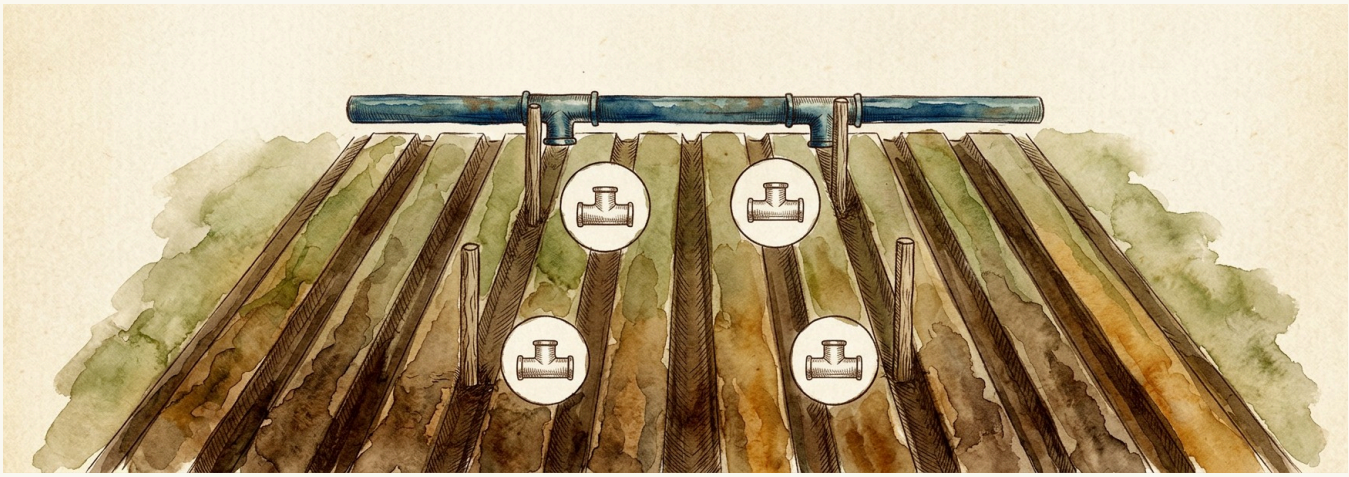
4m 3m 4x **Kalan 3 m** ka daminɛ **plank** daminɛ na walasa ka **piquet** fɔlɔ bila. O kɔ ka **kalan 4 m** ka bɔ **piquet** fɔlɔ la walasa ka **piquet** filanan bila.

O kɛ **ligne secondaire** filanan kan.



Yɛlɛn baara-joliw jigin-yɔrɔw la walasa ka 30/25 mm tée-nafolo naani sigi.

Yɛlɛn baara-joliw jigin-yɔrɔw la walasa ka 30/25 mm tée-nafolo naani sigi.



Té de raccordement walima

collier de prise 30/25 lri té de raccordement ni rampe secondaire bɛn.

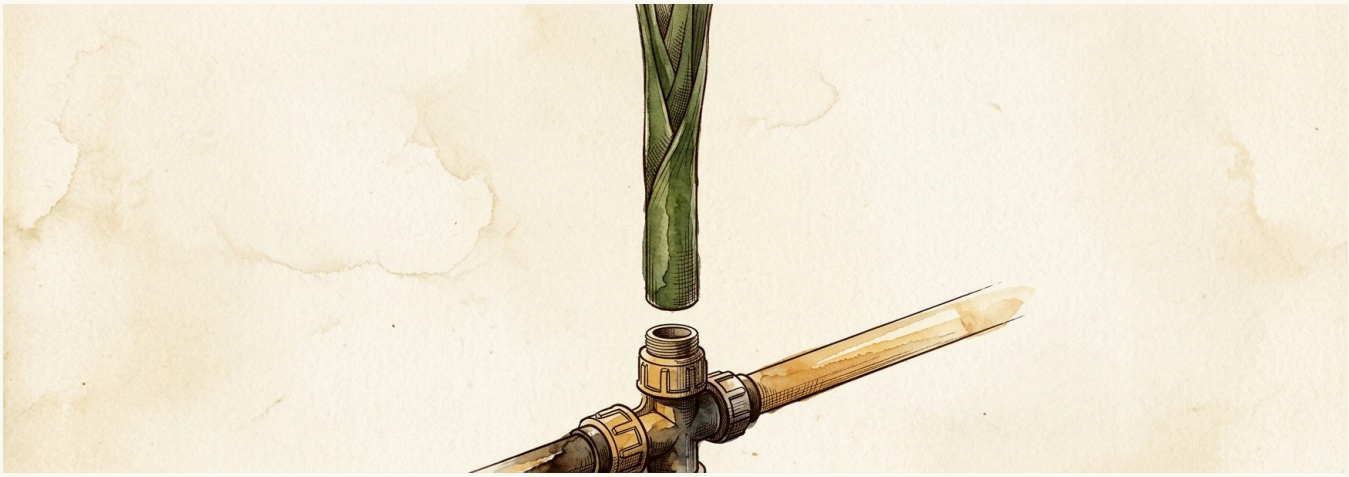
PER tɔnɔ



PER tɔnɔ

(polyéthylène réticulé) I PER tɔnɔ min ka bon mɛtɛrɛ kelen, i k'o jɔnɔn jɔnɔnni té la.

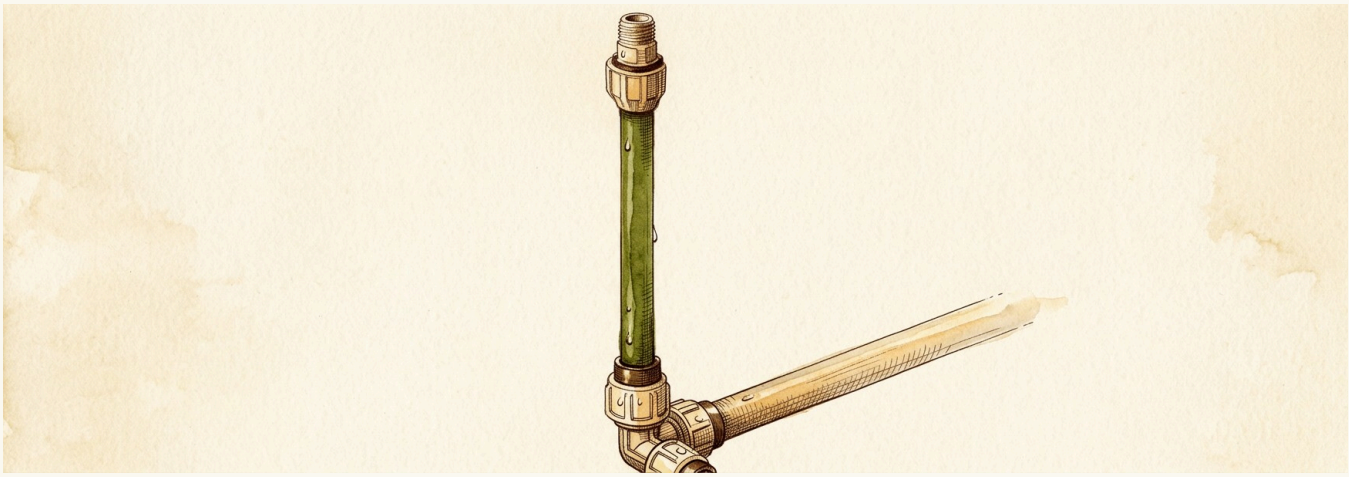
Cɛ-raccord



Cɛ-raccord

25/15 O kɔfɛ, i ka cɛ-raccord ni PER-tuyo fara ɲɔgɔn kan: cɛ-raccord bɛ don tuyo kɔnɔ a sanfɛ fɛ.

Kɔrigibolo



Kɔrigibolo

Minɛn-kɔrigi

O-jɔn

Magasi-kɔrigi

Fari

Nin ye cɛ-jɔnba ka lajɛ ye ni ɲɛsigi ye.

Ecrou de serrage



Ecrou de serrage

Bague d’appui

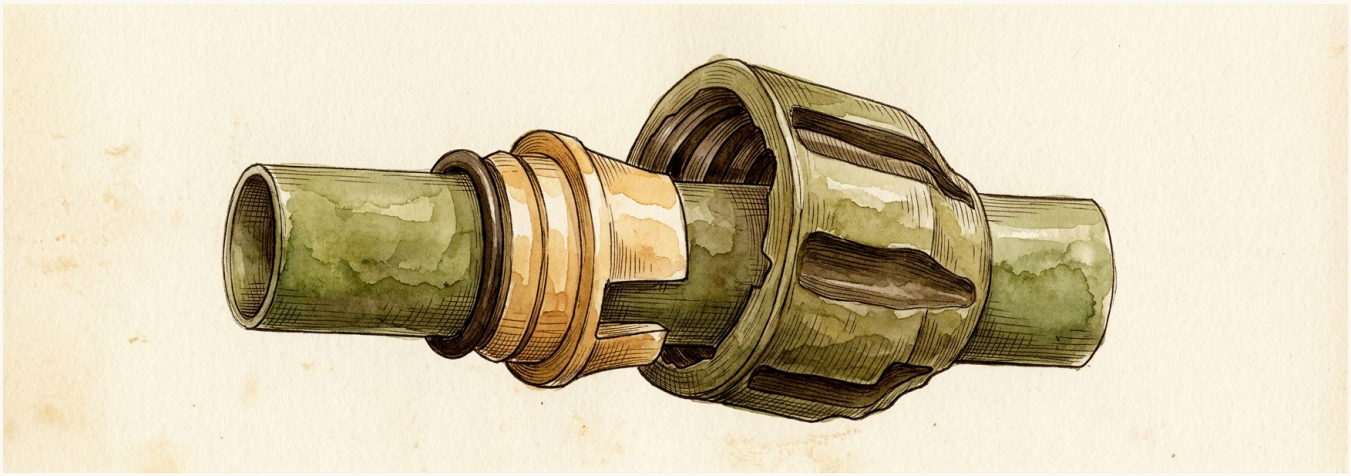
Joint torique

Bague de compression

Voici le montage du raccord mâle de près.

Tuyau PER

Walasa ka dugu-juru laban, i kana cɛ-juru tiɲɛ, i ka teflon yɛlɛn fila kɛ juru-yɛlɛn fɛ.



Walasa ka dugu-juru laban, i kana cɛ-juru tiɲɛ, i ka teflon yɛlɛn fila kɛ juru-yɛlɛn fɛ.

Walasa ka dugu-juru laban, i kana cɛ-juru tiɲɛ, i ka teflon yɛlɛn fila kɛ juru-yɛlɛn fɛ.

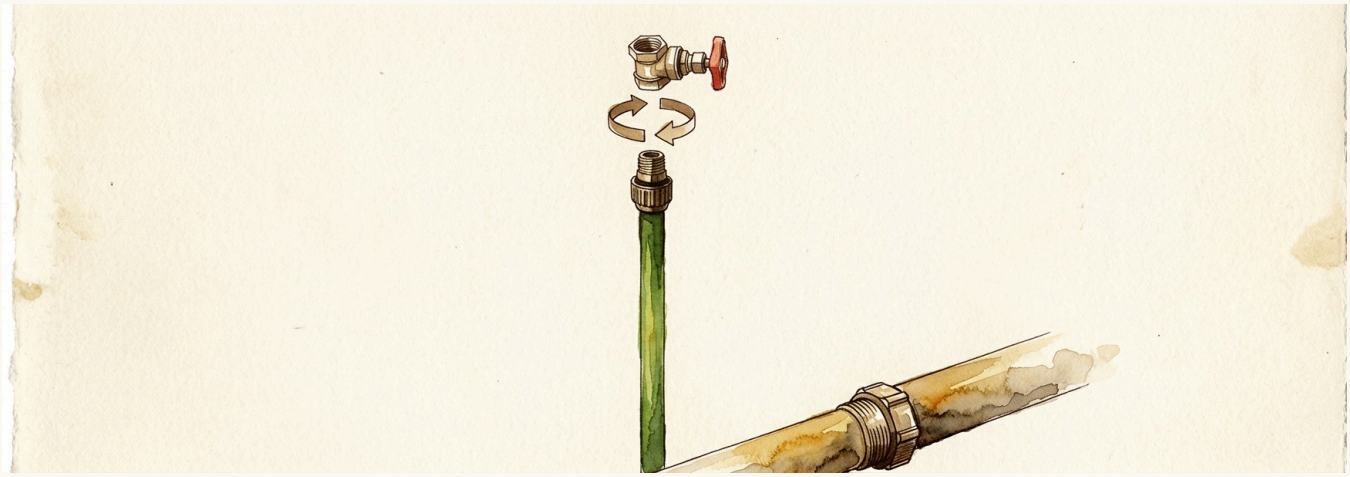
Vanne



Vanne

muso 15mm **Jɛn** cɛkɛnɛ ni vanne muso ye.

32 A ka **vanɛ fɛmɛlɛ** min ka bon ni **kɛrɛntɛn fila** ye, o fara **jifaga-kunw** kan. O b'a to i bɛ se ka **jif...

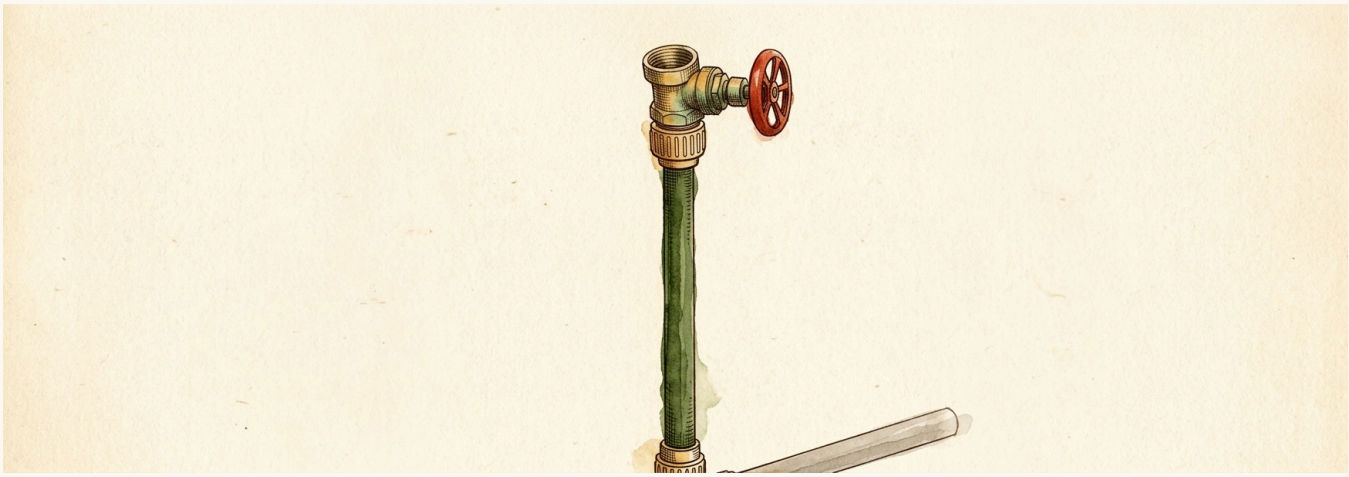


A ka **vanɛ fɛmɛlɛ** min ka bon ni **kɛrɛntɛn fila** ye, o fara **jifaga-kunw** kan. O b'a to i bɛ se ka **jifaga** kelen-kelen bɛɛ dayɛlɛn walima ka da, ni baara bɛ kɛ u kan.

I tɛna **sistɛmu** bɛɛ dabɔ ka tɛmɛ, ni **jifaga** kelen falen don walima ni jii bɛ bɔ yen.

33

Iri-kɔnɔ-juru fila don i ka ji-don-kun kan, juru bɛ taa cogo min na, i bɛ o cogo kelen na.

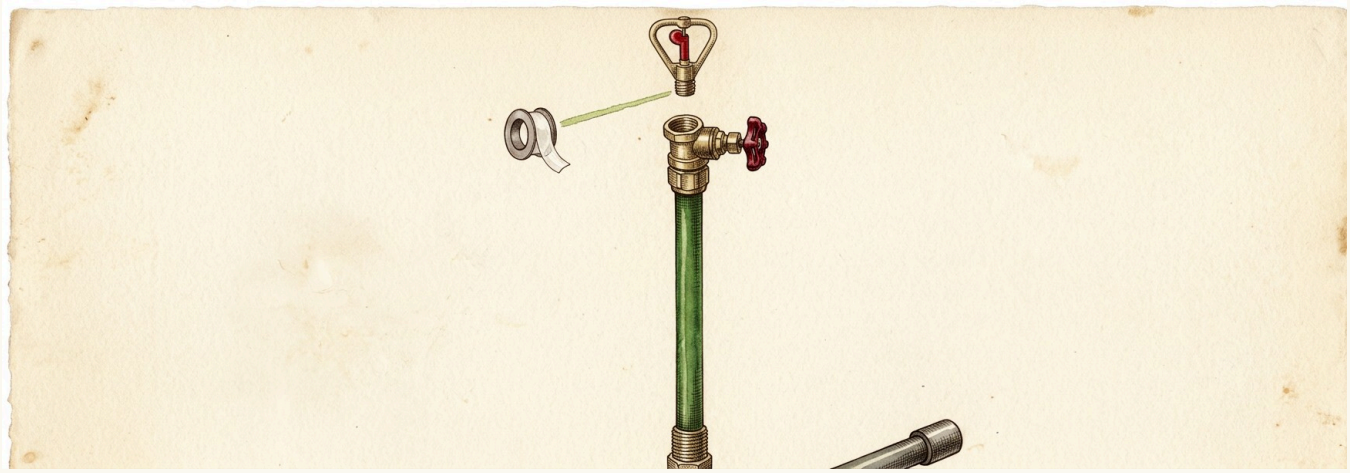


Iri-kɔnɔ-juru fila don i ka ji-don-kun kan, juru bɛ taa cogo min na, i bɛ o cogo kelen na.

O kɔ, i ka ji-don-kun ni van bɛɛ jɛn.

34

Aw ye o baara kɛ fana jii-falen wɛrɛ saba kan.

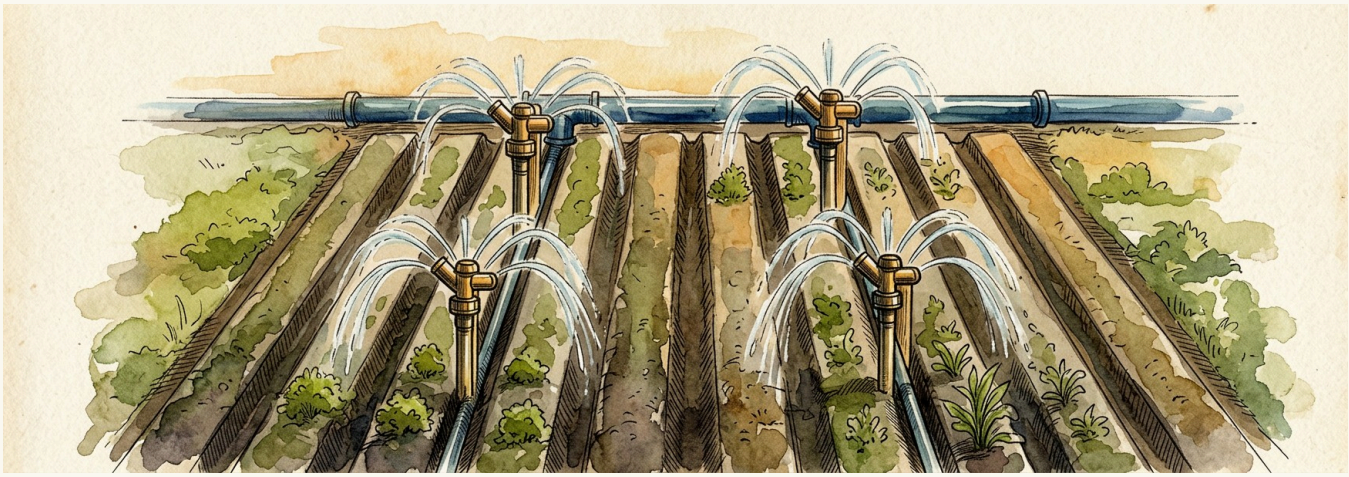


Aw ye o baara kɛ fana jii-falen wɛrɛ saba kan.

Aw ye o baara kɛ fana jii-falen wɛrɛ saba kan.

35

Yiriw laban ni jiriw ye ni jɔli-kɔnɔ-juru ye.



Yiriw laban ni jiriw ye ni jɔli-kɔnɔ-juru ye.

Yiriw laban ni jiriw ye ni jɔli-kɔnɔ-juru ye.

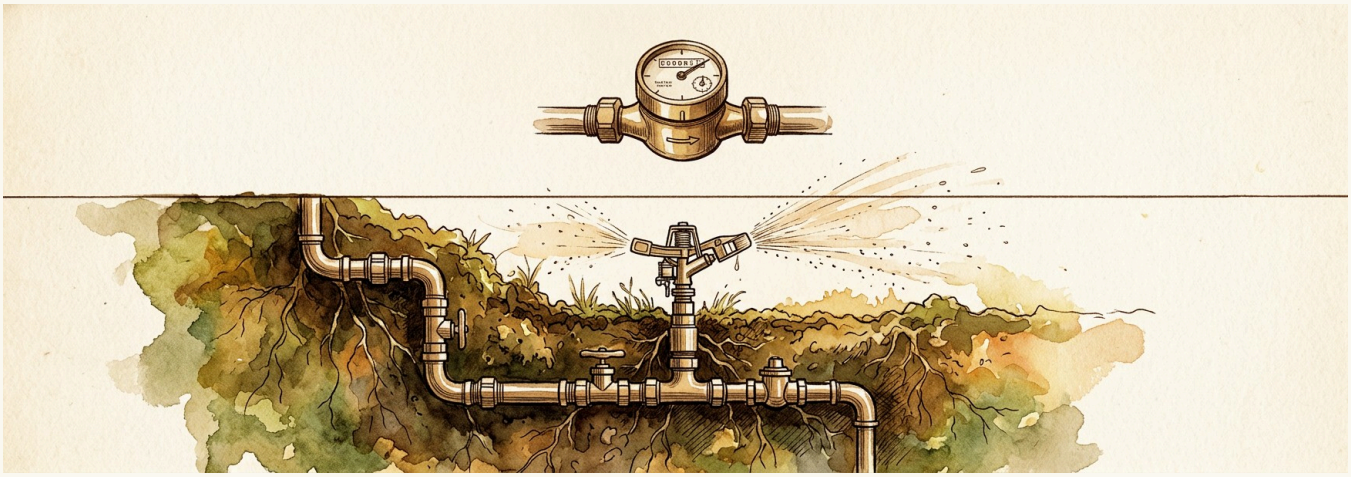


ASPERSION-SISTƐMU LABANTA YANTA KAN MÈTƐRƐ KARE BA CAMAN KAN

KUNTAALA 4: SISTƐMU DONI NI DUGUBA YE

37

Kɔrɔsi sistɛmu ka kan ka baara kɛ ka ɲɛ ani ka laɲini kɛ ko a tɛ bɔ. O bɛ se ka



Kɔrɔsi sistɛmu ka kan ka baara kɛ ka ɲɛ ani ka laɲini kɛ ko a tɛ bɔ. O bɛ se ka

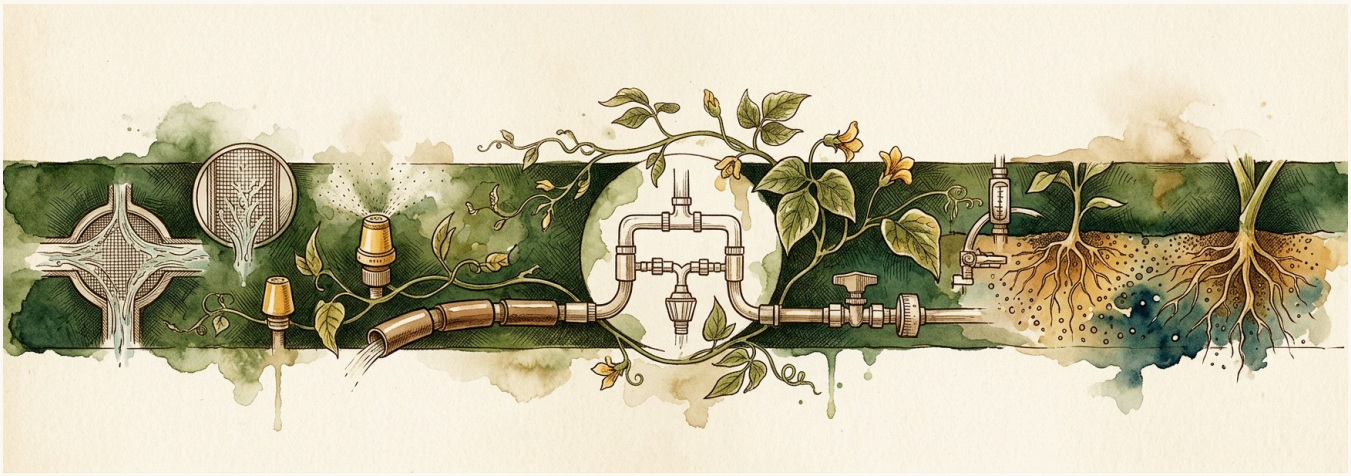
kɔrɔsi ko asperseurw bɛ baara kɛ ka ɲɛ ni jiginni ni purɛsiyɔn ye.



JIKAN-JURU LADILIKAN NA BAARA KƐYƆRƆ HEKTARI KƐMƐ KAN

DAMANAN 5: I KA JIKAN-JURU LADILIKAN KAN KANTAA

Hɛrɛn ka a laɲini ko baara bɛ kɛ ka nɔgɔn, wa a ma bɔ yɔrɔ si la ni i bɛ



Hɛrɛn ka a laɲini ko baara bɛ kɛ ka nɔgɔn, wa a ma bɔ yɔrɔ si la ni i bɛ

ka baarakɛminɛn in **labɔ**.

Turu dilen yɔrɔw la tuma bɛɛ.

Kalan ka a laɲini ko **jifirila**w ma **datugu** ni **jida** walima **dugumaw** ye.

Ayiwa! I ye i yɛrɛ ka jii-falen-jii-sɛnɛ-masin dilan koo kalan.



Ayiwa! I ye i yɛrɛ ka jii-falen-jii-sɛnɛ-masin dilan koo kalan.

Ayiwa! I ye i yɛrɛ ka jii-falen-jii-sɛnɛ-masin dilan koo kalan.