## HI 38086 Caldum Test Kit for Irrigation Water




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## Derctantr

Trenk you for toosing a Herra Prode
Peme read the instution shee carilly befre csing the tes lit it will poice you with the recesaly infanation for corret useof thelit If youreedactitiond infarmation ob nat hesitat to enail us at tech@hanintcom Penvethetes lit fiomthepading inateid andearine it cariuly to nake gre that no danage hes caned dring stiping If thee is any ndicedde carnage, ndify yar Dede or the nears Hera office inmedady. Each kit is supdied with

- Bffer Peaget, 1 bitle with ctaper ( 30 mt );
- Odate Pergett, padit parar (100 pes)
- DiaizedVAer, 1 botle(500 mt);
- 1 laggas test tube ( 50 mt );
- 1 clibcted datic vest ( 50 mt );
- 1 lagndatic pipate ( 1 nt ):
- 1paticspoon
- 1 gad tied card
- 1 linecad

Note Anydmaged ar affetive itemmat berturned in its aigind pading rateids


## SGNFCANEE AND USE

Cdiumpesareinvater sypliestesitsfirmpasageone aposits of linetore atdonite, gypumand gnpifeas shele its concetration may etend from $O$ to seerd unded nilligans per liter, cherding on its sare and eanert Caiumis reesaly in dat and ainat nutritionsine it is anesertid consititet of bores stellsand dat stuctues
aldium in veter as cabonte is are of the pinary comporets of veter hacheswichcancasepipeor tibe seding

Nate noyLis eqivelet to pom(pats per nillion)

## GHEMCAL REACIION

The Harra Test kit dernines Cldiumin imiggtion vate via a turbidmeric mathod Hama reagets reat stee ivelywhedciuntofomaukites spersion Thechedqued untidty is pqoation to eddiumanertraion

INSTRUCIIONS
READTEEENIIEINSTRUTONSEFOEUGNGTFEKT

[^0]2 Ad 5 daps of Bffer aget and swint to nix


3 Add 1 padet of Odde pergett and nix for 30 secanct with the patic spoen Sone chposits nay relain lat they ob nat affect thenearenet


4 Vatitor 5 nintestodlonreation to conplete If Cadiumis peset, thesditionvill beconeturtid


5 Uing the soom swint gettly the reatedsanple

6 Rarethegastes tube on the line cadardlockfiom thetapof thetube at ane of the black stripes on thelinecad lse the pipate to fill the tube with the reated sample until the black stripe conpledy dsappears TO the in ateeting the enopait,
 nove the test tube fromare back stripe to the dher util they ae both mologer viside


7 Hod the tube dose to the Gadtied cadmstann in the figre

8 Peed dreetly fromthe Gedted cad the caretration in nofl (pm) of ddiunthet corexanct to theled of the liquid in the test tube


9 In case the back stripe on the line cad dsappers with the liquid led unde the 125 pommarks the cediumcaretraion is hige then 125 ppmand the aigred samplereedtobedluted Intriscesepeform thetestaf follons

10 Fill the datic vesed with vater $25 \mathrm{~mL}=$ sample yp to the 25 mm mark

II- Ad Diaized VAE up to the
 50 mtmark
12 Fdiloutheinstudions fiomstep 2 to step 7.


13 Peed from the Gad fled cad the vilve in corespon clece of the led of the liqid in the test tube and moltiply it by 2 to datin the comertration in mof (pm) of cdium
14 To conat the readrg in nof of Gaco, maltipy the not of ddiumby 25
15. Rnse all Iabnze with clenimedized vater atter eah andyis and stale dy.

## REGRENGES

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## HEALTH AND SAFEIY

The chenicds cotared in this lit may be heraches if inpopely randed Pead the releat Hetth and Safily pra Shet befae pefaning thistes


[^0]:    1- Fill thedatic vest with 50 mt
    af vitersample(yptothemakl).

