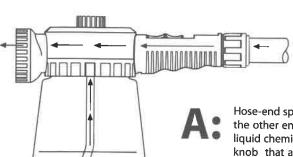
Congratulations on your purchase of a new hose end sprayer! Hose-end sprayers are great tools for spraying liquid garden products and combine the convenience of ready-to-use products with the coverage and savings of a chemical concentrate. With proper calibration youll get great application results every time.



Q: How does a hose end sprayer work?

Hose-end sprayers use water that passes through the spray head on top of the bottle and shoots out the other end. As water moves through the top of the spray head, it creates suction that draws the liquid chemical in the tank up the tube to the top of the spray head. Most hose-end sprayers have a knob that allows you to close o! the hole on the tube so you can spray water only if desired. The Chameleon Adjustable Hose End Sprayer has a dial on top to adjust the amount of product mixed with water at an exact rate (between 1 tsp - 8 oz per gallon).

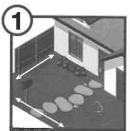
The amount of product that is sprayed out on a lawn is determined by two key factors:

- 1.) The sprayer hole size (oz per gal setting on the dial)
- 2.) How many gallons of water is actually sprayed on the lawn during an application.

There is always some trial and error when using a hose-end sprayer for the rst time.

This is because everyone walks at dil erent speeds, sprays a wider or narrower swath (application on single pass), and has dil erent water pressure in their home. With a few simple steps you can calibrate your sprayer to your unique spraying conditions and ensure accurate application of product each and every time.

How do I calibrate my sprayer and properly apply the mixture?



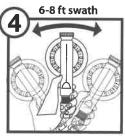
Determine the total area to be sprayed. Walk heel-to-toe if necessary to measure length multiplied by width to get the area (sq. footage) of your yard.



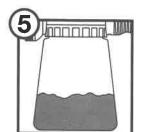
Determine amount of product to use. Example: If your yard is 4,000 sq. ft and you want to apply at 4 oz per 1,000 sq. ft rate, you want to use 16 oz total on your lawn.



Attach your hose to sprayer. Fully turn on your water to highest pressure for best performance.



Set to recommended setting on the product label. Walk at slow/normal pace moving wrist side-to-side to spray 6-8 ft wide swath on lawn. Make sure all areas are wet on top.



As you spray, monitor how much of the product has been used. Example: If you have treated 2,000 sq. feet and you want to apply at 4 oz per 1,000 square feet, you should have used approximately 8 oz of the product.

If you have used too little, you need to walk at a slower pace when spraying and/or spray a narrower swath. If you are using an adjustable sprayer you can simply increase the spray setting and walk exactly like you did the rst time. Test another area, re-adjust as needed.

If you have used too much, you need to walk faster and/or spray a wider swath. If you are using an adjustable sprayer you can turn it down to a lower setting.

If nothing or very little has come out of the sprayer, check to see that the siphon tube is still connected. If there is a lter tip on the end of the tube, make sure it is not clogged.



Chameleon Operating and Servicing Instructions

Chameleon Rociador Adaptable Para Extremo De Manguera Instrucciones de uso y servicio

Chameleon Rembout Darrosage Adaptable Directives Dutilisation Et De Service

Quick Connect Anti-Siphon valve in Swivel
VIvula de conexin rpida anti-sifn en el cabezal giratorio
Soupape antisiphonnage connexion rapide dans
la tte pivotante

Instant on/off Trigger Gatillo instantneo On/Off Gchette darrt instantan

Can be used as a traditional hose end sprayer.
Se puede usar como rociador tradicional de extremo de manguera.
Sutilise comme un pulvrisateur traditionnel.

Liquid dispensed through top hole only:
Stream for high places,
tough rinse jobs
Shower for delicate ora
Flat fan for large areas

El Iquido se dispensa a travs del agujero superior solamente: Flujo para lugares altos y trabajos de enjuague duros Ducha para la ora delicada Dispersor plano para reas grandes

Le liquide ne passe que par le trou suprieur :

Jet grand dbit pour atteindre les endroits levs et difciles rincer

Jet de type averse pour les plantes dlicates Jet en ventail pour les grandes surfaces



Precision metering system for accurate dilution of concentrate to water.

Sistema de graduacin de precisin para la dilucin precisa del concentrado a agua.

Systme de mesure preis pour obteni r une dilution exacte du produit concentr dans leau.

HOW TO USE CMO UTILIZAR UTILISATION

The faster, easier, cleaner sprayer. The Chameleon keeps your hand chemical free. Three steps with no pouring, measuring or mixing:

1. Attach Chameleon to hose and adapt to t desired bottle or canister. Use yellow adapter ring for smaller mouth bottles, or remove entirely for large bottles. Fits Bayer, Spectracide and Ortho bottles. Contact chemical manufacturer for questions about proper settings.

2. Adjust dial concentration. RATE DILUTION is per gallon of water. Adjust spray head for ow--shower, at fan, stream.

3. Point, squeeze and hold trigger, and spray with sweeping motion.

El rociador ms rpido, fcil y limpio Chameleon mantiene sus manos libres de productos qumicos. Tres pasos fciles, sin verter, medir ni mezclar: 1. Sujetar Chameleon a la manguera y adaptarlo a la botella o la lata deseada. Use el aro amarillo de adaptacin para botellas de boca ms pequea, o quite completamente para botellas ms grandes. Se adapta a botellas Bayer , Spectracide y Ortho .

2. Ajustar la concentracin en el cuadrante. Dilucin = galn de agua . Ajustar el cabezal de rociado para el ujo: ducha, dispersor plano, vapor.

3. Apuntar, apretar y sujetar el disparador, y rociar con movimiento de barrido.

Le pulvrisateur qui offre la meilleure rapidit, facilit et propret sur le march. Le pulvrisateur Chameleon protge vos mains des produits chimiques. Trois tapes nexigeant ni versement ni mesure ni mlange:

1. Fixez le Chameleon au tuyau et ajustez-le pour quil sadapte la bouteille ou au contenant voulu(e). Utilisez lanneau adaptateur jaune pour les bouteilles petit goulot, ou retirez compltement pour grandes bouteilles. Sadapte aux bouteilles de marque Bayer , Spectracide et Ortho

2. Rglez le cadran de concentration. La dilution est pour gallon deau . Rglez la buse selon le jet voulu -- averse, ventail ou grand dbit.

3. Visez, serrez la poigne et tenez la gchette, puis pulvrisez en un mouvement de balayage.

CLEANING INSTRUCTIONS INSTRUCCIONES DE LIMPIEZA INSTRUCTIONS POUR LE NETTOYAGE

A properly cleaned sprayer will give you many years of use.

You must clean the sprayer after each use. Follows these instructions no matter how you adapt the sprayer for use:

1. Properly store any unused chemical concentrate or solutions.

2. Fill the canister/bottle with water and attach to the sprayer cap.

Put the dial on all the settings you used and thoroughly ush each setting.

Para que sus rociador dure muchos aos mantngalo siempre limpio. Usted debe limpiar el rociador despus de cada uso. Siga estas instrucciones sin importar cmo usted adapte el rociador para el uso: 1. Guarde debidamente las soluciones y los concentrados qumicos sin uso. 2. Llene el recipiente/ botella con agua y conecte a la tapa del rociador. 3. Ponga el cuadrante en todas las posiciones que us y lave bien cada posicin con descarga de agua.

Si vous entretenez votre pulvrisateur adquatement, vous pourrez lutiliser pendant de nombreuses annes. Vous devez nettoyer le pulvrisateur aprs chaque utilisation. Suivez les directives suivantes quel que soit le type dutilisation choisi:

- 1. Entreposez de faon approprie tout produit chimique inutilis, tant en concentr quen solution. 2. Remplissez deau le contenant (ou la bouteille) et xez-le au bouchon du pulvrisateur.
- 3. Rglez le cadran chacun des rglages et rincez abondamment avec chacun.
- **Unit Dial Flow Rate** in uid ounces (. oz.) in milliters (ml.) en las onzas idas en milliters 2 cucharadas = 1 onza lig. (, oz.) dans les onces liquides dans les milliters 2 cullires soupe = 1 once liquide 0.000 0 1 tsp 0.166 5 1! tsp 0.250 7 0.332 2 tsp 10 1 tbs 0.500 15 4 tsp 0.664 20 1 oz 1.000 30 1 ! oz 1.500 44 2 nz 2.000 59 2 ! oz 2.500 74 3.000 3 oz 89 4.000 118 4 oz 5 1/3 OZ 5.333 157 6 oz 6.000 177 237
- 4 gallon of water/minute (15.1 liters/minute)
- 4 galones del agua/del minuto (15,1 litros/minuto)
- 4 gallons de leau/de minute (15,1 litres/minute)

DANGER! PELIGRO! DANGER!

Warnings: This sprayer is designed to spray chemicals that may be harmful and could cause serious personal injury if inhaled or brought into contact with the user. Failure to read and follow Operation and Service Instructions before and/or misuse of this product could result in explosive failure with major injuries.

ALWAYS water test sprayer before each use. ALWAYS wear long sleeve shirts, long pants, goggles, gloves, and durable shoes.

FOR LIQUIDS ONLY. Do not mix wettable powders. ALWAYS READ AND FOLLOW label instructions for the chemical to be applied.

DO NOT alter the sprayer. DO NOT spray ammable, caustic (i.e. acids, chlorines and bleach), corrosive, heated or self-heating solutions in the sprayer. DO NOT store liquids in the sprayer.

Advertencia: Este rociador ha sido diseado para rociar productos qumicos que pueden ser nocivos y causar lesiones personales graves si se los inhala o pone en contacto con el usuario. Si no se leen y siguen las Instrucciones de uso y servicio antes y/o se usa incorrectamente este producto, podra producirse una falla explosiva con lesiones graves.

SIEMPRE pruebe el rociador con agua antes de cada uso.

SIEMPRE use camisas de manga larga, pantalones largos, anteojos de proteccin, guantes y zapatos resistentes. LEA Y SIGA SIEMPRE las instrucciones que aparecen en el rtulo para el producto qumico que se aplicar. NO altere el rociador. Solamente para los Iquidos. No mezcle los polvos mojables. NO roce soluciones inamables, custicas (cidos, cloros y leja), corrosivas, calentadas o autocalentadas en el rociador. NO almacene Iquidos en el rociador.

Avertissements: Ce pulvrisateur est conu pour la pulvrisation de produits chimiques qui peuvent tre nocifs et causer des blessures personnelles graves sils sont inhals ou entrent en contact avec la peau de lutilisateur. Vous devez lire les directives dutilisation et de service avant de vous servir du produit et vous devez vous conformer celles-ci. Une mauvaise utilisation pourrait entraner une explosion ou des blessures graves.

TOUJOURS faire un test avec de leau avant chaque utilisation. TOUJOURS porter une chemise manches longues, des pantalons longs, des lunettes de scurit et des chaussures durables. TOUJOURS LIRE ET SUIVRE les instructions sur Itiquette des produits chimiques. NE PAS modier le pulvrisateur. Seulement pour des liquides. Ne mlangez pas les poudres mouillables. NE PAS appliquer de produits inammables, caustiques (acides, chlorures et agents de blanchiment), corrosifs, chauffs ou autochauffants laide de ce pulvrisateur. NE PAS conserver de liquide dans le pulvrisateur.

LIMITED WARRANTY GARANTA LIMITADA GARANTIE LIMITE

- H. D. Hudson Manufacturing Company warrants to the original purchaser only that this product will continue to function as intended if used in accordance with operating instructions (under NORMAL CONSUMER USE) for ve years. If the product fails to function as intendedÑDO NOT RETURN IT TO THE STOREÑcall our CONSUMER SERVICE HOTLINE AT 1-800-9-SPRAYER (toll free) for fast service. We will, at our option, repair or replace any non-functioning parts without charge (shipping and handling charges will apply). H. D. Hudson Manufacturing Company shall have the option of requiring the return of the non-functioning product to the address listed below, together with the proof of purchase, to establish a claim under this warranty. This warranty does not apply to damage resulting from accident, misuse, neglect, alterations, operation not in accordance with instructions, commercial use, or normal wear. ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR CONSUMER USE, ARE LIMITED TO THE DURATION SPECIFIED ABOVE. H. D. HUDSON MANUFACTURING COMPANY LIABILITY IS LIMITED SOLELY TO THE REPAIR OR REPLACEMENT OF THE NON-FUNCTIONING PRODUCT OR PART. H. D. HUDSON MANUFACTURING COMPANY EXCLUDES LIABILITY UNDER THIS WARRANTY FOR ANY AND ALL INCIDENTAL AND CONSEQUENTIAL LOSS OR DAMAGE. Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you. This warranty gives you specic legal rights and you may have other rights which vary from state to state. IF YOU HAVE QUESTIONS OR CONCERNS: PLEASE CALL OUR CONSUMER HOTLINE AT 1-800-9-SPRAYER. (1-800-977-7293).
- H. D. Hudson Manufacturing Company garantiza al comprador original usuario de este producto que ste no tendr problemas de materiales ni de construccin durante el perodo de 5 aos desde la fecha de la compra. Esta garanta no se aplica al dao del producto a causa de accidente, uso incorrecto, negligencia, alteracin, modicacin, uso indebido o al fallo de no seguir las instrucciones proporcionadas con el producto. Esta garantia no curbe el desgaste normal ni la rotura de anillos en 0 o sellos la garant sera anulada si el producto se usa comercialmente. Esta garanta solamente es vlida en Norteamrica. Si el producto o cualquier pieza del misno presenta un fuctionamiento defectuoso dentro del perodo de garanta, llame a nuestro DEPARTMENTO DE SERVICIO AL CLIENTE al 1-800-977-7293 para un servio ms rpido. A nuestro discrecin, reparemos o reemplazaremos gratuitamente cualquire pieza problemtica. Nos reservamos el derecho de exir la devolucin prepagada del producto junto con la prueva de compra. Usted debe refener el recibo como prueba de la fecha de compra a incluier devolucin del producto. TODA GARANTIA IMPLICITA, INCLUYENDO CAULAQUIER GARANTIA IMPLICITA DE COMERCIABILIDAD O ADECUACION PARA EL USO DEL CONSUMIDOR, ESTAN LIMITADAS A 10 AOS. H. D. HUDSON MANUFACTORING COMPANY ECLUYE TODA RESPONSABILIDAD BAJO ESTA GARNATIA POR TODA PERDIDA O SANO INDIRECTORS. Algunos estados no permiten restricciones en la duracion de una garanta implicita ni en la exclustin o limitiacin de pridadas o daos indirectos, por lo que estas limitaciones o exclusions puede que no se apliquen a usted. Esta garanta le da derechos legales especcos y, usted tambien puede tener varan de estado a estado.
- H.D. Hudson Manufacturing Company grantit lutilisateur acheteur original au dtal de ce produt, pour 5 ans partir de la date originale dachat, que le produt est libre de dfauts de fabrication et de matriaux. Cette garantie ne couvre pas les dgats subis par le produit des suites dun accident, dune utilisation dfecueuse, dun ngligence, dun changement, dune modication, dune altration ou de la non-application des instructions fournies avec le produit. Cette garantie ne sapplique pas lusure normale des joints toriques ou jounts tanches, et la garantie sera nulle et non avenue si le produit est utilis des ns commerciales. Cette garantie est valable exclusivement aux Amrique du Nord. Dans le cas o le produt ou une partie quelconque du produt cessarait de fonctionner correctment durant la priode de garantie, tiphoner nos SERVICES A LA CLIENTELE au numro 1-800-977-7293 pour obtenir une assistance rapide. Nous exerceons loption soit de rparer soit de remplacer gratuitement toute partie dfectuese. Nous rservons loption de demander que le produt soit retourn, port pay accompagn dune justication dachat. Vous devez conserver votre reu comme jusication de la date dachat et vous devez linclure avec tout produit retourn. TOUTES GARANTIES IMPLICITES Y COMPRIS TOURTE GARANTE IMPLICITE DE VALIDIT MARCHANDE OUT DAPTITUE SERVIR AU CONSOMMATEUR SE LIMITENT UNE PRIODE 10 ANS. H.D. HUDSON MANUFACTURING COMPANY EXLUT DE CETTE GARANTIE TOUTE RESPONABILIT POUR PERTES ET DOMMAGES FORTUITS ET INDIRECTS, EN LEUR TOTALIT ET QUELS QUILS SOIENT. Certains tats ou Provinces ne permettant pas limposition de limites dure dune garantie implicite, ou ne permettant pas dexclure ou de limiter les pertes ou dommages fortuits ou indirects, lesdites limitates ou exclusions ne sappliquent pas obligatoirement vous.