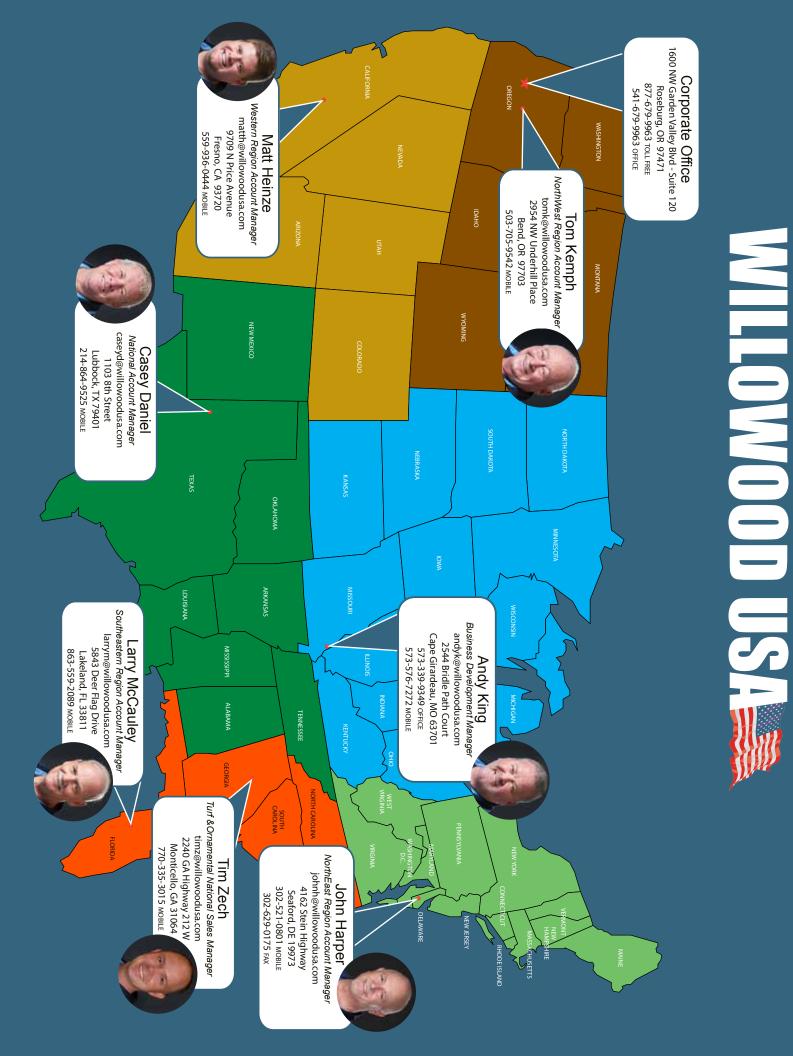
Helping growers feed the world, one product at a time.

PRODUCT INFORMATION GUIDE



ADMINISTRATIVE STAFF



Brian Heinze President & CEO

brianh@willowoodusa.com 541-679-9963 OFFICE 541-643-6746 MOBILE



Joe Middione Chief Operating Officer joem@willowoodusa.com 559-288-5674 MOBILE



Kim Howard Chief Financial Officer kimh@willowoodusa.com

541-679-9963 OFFICE 971-219-8333 MOBILE



Shiv D Sharma, Ph. D. Product Development & Technical Service Manager



Jeff Thayer Director of Manufacturing



Jeff Berry Financial Controller



Sarah Phillips Production Planner



Jennafer Mealer Accounts Payable & Inventory Specialist



Kym Overacker Registration Specialist



Chris Madden Administrative Assistant



CORPORATE OFFICE: 1600 NW Garden Valley Blvd - Suite 120

Roseburg, OR 97471

Toll Free: 877-679-9963 Phone: 541-679-9963 Fax: 541-679-4650

ACRAMITE® and PIX® are registered trademarks of Arysta LifeScience North America, LLC. SELECT® is a registered trademark of Valent. ABOUND®, AGRI-MEK®, AGRI-MEK SC®, CALLISTO®, FLEXSTAR®, GRAMOXONE®, QUADRIS®, QUILT XCEL®, REFLEX®, TILT®, and WARRIOR® are registered trademarks of Syngenta Group Company. STAM®, STAM M4®, SUPERWHAM® are registered trademarks of RiceCo, LLC. ADMIRE PRO®, ELITE® DF, FOLICUR®, LIBERTY®, LIBERTYLINK®, NORTRON®, RELY®, and TRIMAX® are registered trademarks of BayerCropScience. GOAL®, GOALTENDER®, KERB® are registered trademarks of DowAgroSciences. AUTHORTY®, AUTHORTY ASSIST®, AUTHORITY MTZ®, COMMAND 3ME®, and SPARTAN® are registered trademarks of FMC Corporation. CERANO® is a registered trademark of Wilbur-Ellis Company. ROUNDUP READY® is a registered trademark of Monsanto Company. HEADLINE® is a registered trademark of BASF. CUSTODIA® is a registered trademark of ADAMA.

í	\			/	· · · · · · · · · · · · · · · · · · ·		
				FUNGI			
	PRODUCT	CONTAINER SIZE	CASES PER PALLET	PALLET QUANTITY	TRUCKLOAD QUANTITY	PRODUCT FEATURES	LABEL (SCAN TO READ)
	Azoxy 2SC Same active as ABOUND® and QUADRIS®	2 x 2.5 gal.	36	180 gals.	4,320 gals.	A broad-spectrum, systemic fungicide that provides excellent, long lasting disease control on a number of key crops including, but not limited to: corn, potato, soybean, vegetables, grapes and nut crops. Improves overall plant health by controlling key yield-robbing diseases.	
	AzoxyProp XTRA Same active as QUILT XCEL*	2 x 2.5 gal.	36	180 gals.	4,320 gals.	A broad-spectrum, multiple mode-of action, preventa- tive fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood AzoxyProp Xtra may be applied as a foliar spray in alternating spray programs or in tank mixes with other crop protection products.	
		4 x 1 qt.	64	64 gals.	1,536 gals.	Controls major foliar fungal diseases that can quickly destroy your crop if not treated immediately. Will help you	
	Propicon 3.6EC Same active as TILT®	4 x 1 gal.	48	192 gals.	4,224 gals.	achieve maximum yield potential and an excellent return on investment. Possesses systemic and some curative properties against certain diseases and prevents fungal cell growth by inhibiting sterol biosynthesis.	
		2 x 2.5 gal.	36	180 gals.	4,320 gals.		
_	Pyrac 2EC	2 x 2.5 gal.	36	180 gals.	4,320 gals.	A broad-spectrum, fast acting fungicide that provides pro- tection on more than 50 major diseases to more than 90 crops including corn, soybeans and wheat. By protecting crops. Willowood Pyrac EC improves overall plant health	
	Same active as HEADLINE®	265 gal. tote	9 1	265 gals.	4,240 gals.	which results in higher yield potential. In addition, the EC formulation can be tank-mixed with a liquid fertilizer and applied in-furrow for added plant vigor.	
	Teb 3.6SC Same active as FOLICUR®	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Used on a wide arrange of diseases that attack as- paragus, barley, beans, corn, cotton, grapes, grasses grown for seed and many other vegetables and fruit crop diseases. It works very well on rusts, powdery mildew and other diseases.	
	Teb 45DF Same active as ELITE®	24 x 2 lbs. bags	18	864 lbs.	20,736 lbs.	Provides highly effective, economical control of powdery mildew, black rot, leafspot, and brown rot in stone fruits, grapes and nut crops. Forms the basis of a resistance management program. Offers flexible use rates and both a short reentry interval and pre- harvest interval.	
	Tebustrobin SC Same active as CUSTODIA*	4 x 1 gal.	48	192 gals.	4,224 gals.	A broad-spectrum fungicide that provides two modes of action in a unique water based formulation for use on a variety of crops including barley, corn, soybeans and wheat. We are currently awaiting registration for the use of Tebustrobin SC on a number of new crops including grapes, tree fruit and nut crops.	

HERBICIDES						
PRODUCT	CONTAINER SIZE	CASES PER PALLET	PALLET QUANTITY	TRUCKLOAD QUANTITY	PRODUCT FEATURES	LABEL (SCAN TO READ)
Clethodim 2EC Same active as SELECT®	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Controls a wide range of the toughest annual and perennial grasses in soybeans, potatoes, sugarbeets, sunflowers, and many other crops.	
Clomazone 3ME Same active as COMMAND 3ME®	2 x 2.5 gal.	36	180 gals.	4,140 gals.	A flexible preplant, preemergence or early post-emer- gence (up to the 2 leaf stage) herbicide used in rice for the control of annual grasses including barnyardgrass (watergrass), sprangletop, broadleaf signalgrass and crabgrass. The unique mode-of-action provides an excellent residual foundation for a season-long weed control program aimed at resistance management.	
Clomazone 5G Same active as CERANO*	50 lb. bag	40 bags	2,000 lbs.	40,000 lbs.	A preemergence and post-emergence herbicide for the control of watergrass, barnyard grass (Echino- chloa spp.) and sprangletop (Leptochloa fascicularis). Willowood Clomazone 5G controls weeds through foliar and root uptake as a chlorophyll-production inhibitor.	
Ethofumesate 4SC Same active as NORTRON®	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Provides both pre- and post-emergent control of Poa annua in cool-season turf. Provides a foundation for the development of a weed resistance management program when used in conjunction with RoundUp Ready® sugarbeets. In addition, controls a wide variety of annual grasses and broadleaf weeds.	

Г							
			. /	1	CIDES	/	1
	PRODUCT	CONTAINER SIZE	CASES PER PALLET	PALLET QUANTITY	TRUCKLOAD QUANTITY	PRODUCT FEATURES	LABEL (SCAN TO READ)
	Fomesafen 1.88SL	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Selective herbicide which may be applied pre-plant, pre-emergence or post-emergence for control or suppression of broadleaf weeds, grasses and sedges in soybeans. Generally most effective and consistent when used post-emergence, working through contact action. Unique formulation allows compatibility with glyphosate products	
	Glufosinate 280SL Same active as LIBERTY® and RELY®	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Non-selective herbicide for post emergence broadcast use on canola, corn, cotton, and soybean designated as LibertyLink® or used for weed control in non-LibertyLink® cotton. May also be applied as a broadcast burndown application before planting or prior to emergence of any conventional or transgenic variety of canola, sweet corn, corn, cotton, olive, rice, soybean or sugar beet. Can be used for post emer- gence weed control in tree, vine and berry crops. May also be applied for potato vine desiccation.	
_	Mesotrione 4SC Same active as CALLISTO*	4 x 1 gal.	48	192 gals.	4,224 gals.	An excellent contact and residual herbicide used for the control of broadleaf weeds in field corn, seed corn, yellow popcorn, sweet corn and other labeled crops. Willowood Mesotrione 4SC provides excellent crop safety, multiple tank-mix options and flexibility in application timing.	
	Oxyflo 2EC Same active as GOAL*	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Selective herbicide used for pre and post-emergent control of broadleaf weeds. Can be used on a wide variety of crops including artichokes, cole crops, citrus, corn, cotton, garlic, mint, onions, tree fruit, nuts, grapes as well as on fallow beds. Provides long lasting control that varies based on soil conditions and rate selection.	
	Oxyflo 4SC Same active as GOALTENDER*	4 x 1 gal.	48	192 gals.	3,840 gals.	Provides long lasting pre and post-emergent control of such weeds as lambsquarters, mustard, nightshade, purslane, shepherdspurse and sowthistle. Low VOC formulation is safe for the environment.	
	Paraquat 3SL Same active as GRAMOXONE*	2 x 2.5 gal.	36	180 gals.	3,960 gals.	Unique, fast acting, non-selective contact herbicide registered for use in a wide variety of crops including but not limited to: corn, soybean, wheat, rice, potatoes, tree fruit, nut crops, cotton and more. This herbicide binds tightly to soil particles and does not have a negative effect on groundwater or soil organisms.	
		30 gal. drum	- n	150 gals.	3,600 gals		
		265 gal. tote	1	265 gals.	4,240 gals.		
	Pronamide 3.3SC Same active as KERB*	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Effective for the control of a wide range of grasses and certain broadleaf weeds in head lettuce and cer- tain other labeled crops. The product is a soil active	
	Pronamide 50WSP Same active as KERB*	12 x 3 x 1 lb. bags	18	648 lbs.	15,552 lbs.	herbicide with uptake by sensitive weeds occurring through the roots.	
	Propanil 4EC Same active as STAM M4*	30 gal. drum	5	150 gals.	3,600 gals.	A solvent based formulation used for the postemer- gent control of broadleaf weeds and select grasses (specifically <i>Echinochloa</i> species) in cultivated rice.	
ł	Propanil 4SC Same active as SUPERWHAM*	30 gal. drum	5	150 gals.	3,600 gals.	A water based formulation used for the postemergent control of broadleaf weeds and select grasses (specifically <i>Echinochloa</i> species) in cultivated rice.	
/	Propanil 80CHS Same active as STAM®	30 lbs. containers	27	810 lbs.	30,780 lbs.	A dry flowable formulation used for the postemergent control of broadleaf weeds and select grasses (specifically <i>Echinochloa</i> species) in cultivated rice.	
	Sulfentrazone 4SC	2 x 2.5 gal.	36	180 gals.	4,320 gals.	An effective preemergence herbicide tough on broadleaf weeds and grasses as well as on glyphosate-resistant species. Whether applied in the fall as part of a burndown program or in the spring as either a no-till or minimum till practice, count on Willowood Sulfentrazone 4SC to pro- vide effective control on tough, yield robbing weeds such as kochia, Russian thistle, lambsquarter and morningglory	

				1		
	\		HERBI	CIDES		
PRODUCT	CONTAINER SIZE	CASES PER PALLET	PALLET QUANTITY	TRUCKLOAD QUANTITY	PRODUCT FEATURES	LABEL (SCAN TO READ)
Sulfentrazone ASSI Same active as AUTHORITY ASSIST®	ST 2 x 2.5 gal.	36	180 gals.	4,320 gals.	An excellent small-seeded broadleaf weed and grass herbicide that provides effective control before weeds start robbing yield potential. With multiple modes of action, no pH restrictions and the flexibility for use on multiple soil types, Willowood Sulfentrazone Assist can provide excellent protection against glyphosate- tolerant summer weeds like lambsquarter, pigweed, nightshade, morning glory and kochia.	
Sulfentrazone / MTZ	2 x 2.5 gal.	36	180 gals.	4,320 gals.	A broad-spectrum herbicide that when applied as a fall burndown treatment, provides multiple modes of action to control winter annuals and other problem weeds. The residual activity of fall applied Sulfentra- zone MTZ not only keeps weeds from emerging, but also leaves you the flexibility in the spring to plant soybeans or corn. Applied in the fall or in the spring, Sulfentrazone MTZ controls glyphosate and ALS- resistant weeds that otherwise rob yield, moisture and nutrients.	
Same active as AUTHORITY MTZ®	275 gal. tote	1	275 gals.	4,950 gals.		

		INSEC	INSECTICIDES/ MITICIDES					
PRODUCT	CONTAINER SIZE	CASES PER PALLET	PALLET QUANTITY	TRUCKLOAD QUANTITY	PRODUCT FEATURES	LABEL (SCAN TO READ)		
Abamectin 0.15EC Same active as AGRI-MEK®	4 x 1 gal.	48	192 gals.	4,608 gals.	An affordable and effective miticide used to control mites and insects in a variety of crops including but not limited to citrus, cucurbits, fruiting and leafing vegetables, stone fruit, strawberries, grapes, cotton and tree nuts.			
Abamectin 0.15LV	4 x 1 gal.	48	192 gals.	4,608 gals.	A low-volatility formulation of abamectin that pro- vides the same efficacy as other abamectin brands while at the same time, reducing VOC emissions. Specifically designed for areas under geographi- cal VOC regulations, Willowood Abamectin 0.15LV provides the control you need while reducing air emission concerns.			
Abamectin 0.7SC Same active as AGRI-MEK SC*	4 x 1 gal.	48	192 gals.	4,608 gals.	A water based, low volatile organic compounds (VOC) high active ingredient (a.i.) version of abamectin. Combined with the convenience of flexible timing and application methods, Willowood Abamectin 0.7SC is an excellent choice for outstanding, economical mite control in a wide variety of crops. It also serves as a solution for use in areas where VOC regulations are in place.			
Bifenazate 50WSP Same active as ACRAMITE®	4 x 5 lbs.	60	1,200 lbs.	28,800 lbs.	A versatile, broad-spectrum miticide that provides control of a variety of mite pests on a number of crops including tree nuts, stone fruit, pome fruit, legumes and more. Packaged in convenient 5 lbs. jugs, Wil- lowood Bifenazate 50WDG provides quick knockdown and long residual control while providing safety to predaceous mites and other beneficials.			
Imidacloprid 4SC Same active as ADMIRE PRO® and TRIMAX®	4 x 1 gal.	48	192 gals.	4,032 gals.	A systemic insecticide used for the control of a wide variety of sucking and biting insects in crops such as citrus, coffee, cotton, fruits, grapes, potatoes, soybeans, tobacco and vegetables.			
Lambda-Cy/1EC Same active as WARRIOR®	4 x 1 gal.	48	192 gals.	4,608 gals.	Broad-spectrum insecticide that delivers control of primary and secondary insect pests on a wide variety of crops including cole crops, lettuce, corn, cotton, peanuts, rice, soybeans, tomatoes and wheat. Fast acting, provides outstanding performance, excellent residual activity, flexibility and value.			
PGR's								
PRODUCT	CONTAINER SIZE	CASES PER PALLET	PALLET QUANTITY	TRUCKLOAD QUANTITY	PRODUCT FEATURES	LABEL (SCAN TO READ)		
Mepi Chlor 4.2%	2 x 2.5 gal.	36	180 gals.	4,320 gals.	Plant growth regulator used primarily to control vegetative growth in cotton. By controlling veg- etative growth early in the cotton growing season, growers can improve potential yield and reduce excess vegetative growth. Reducing excess			

275 gal. tote

1

275 gals.

4,950 gals.

Same active as PIX®

growers can improve potential yield and reduce excess vegetative growth. Reducing excess vegetative growth can also result in earlier and more timely harvest to reduce the chance of a late season weather incident.