Broccoli Grower Survey

If you would prefer to complete this survey online, please go to this link: http://bit.ly/BroccoliGrowerSurvey

(1) In what state		and county/region					d	do you farm?			
(2) How many years	s have y	ou be	en grow	ing br	occoli?						
(3) How many acres	s do you	grow	of broc	coli? _			a	nd othe	er brassi	cas	
(4) What varieties o	f brocco	oli do	you gro	w?							
(5) What other bras	sicas do	you	commer	cially	grow (c	ircle a	ll that	apply)?			
Brussel Sprouts Cabbage Cauliflower			er	Collards Kale Other (specify)				specify)_			
(6) How would you	rate the	follo	wing cha	allenge	es curre	ntly fa	ncing t	he U.S.	broccoli	i industry	?
(a) == 0 o == = 3 o ==			··· 8		t a challe				allenging		challenging
Broccoli prices											
Changes in consumer	demand	or tast	æ								
Marketing and retailing	ng										
California competition	n										
International competit	ernational competition										
Disease pressures	se pressures										
Insect pressures	ires										
Weed pressures	essures										
Heat tolerance of avai	lable bro	ccoli v	varieties								
8) Based on experience	ence in y Less of				I R beco i No Chan				problem	_	ast 5 years?
9) Thinking about estimate is lost d	ue to A	lterna	aria leaf	blight	and he	ad rot	(ABH	<u>R)</u> ?			
10) For growers and maximum %	% of the	ir cro	p in a ye	ar <u>los</u>	t due to	ABH	R (circ	ele one o	ption for	r each que	stion)?
Max % lost	0%	5%	10%	15%	20%	25%	30%	40%	50%		%
Average % lost Minimum % lost	0% 0%	5% 5%	10% 10%	15%	20%	25% 25%	30%	40% 40%	50% 50%	Other	% %
Willimum % 10st	0%	3%	10%	15%	20%	25%	30%	40%	30%	Other	%
11) How do you	rate you	ır abi	lity to id	entify	Alterna	aria le	af blig	ht and	head rot	(ABHR)	in broccoli?
Very good Modera			rate	ate Limited No				o ability			
12) What are you	ur main	sour	ces of in	forma	tion abo	out ho	w to m	anage A	ABHR (circle all t	hat apply)?
(a) My own exper	rience aı	nd/or	research		(b) A	groche	emical	compan	у	(c) Oth	er growers
(d) University-ba	sed Exte	ension	service	or rese	earcher	(e) (Other (describe	?)		

	Somewhat or not	Moderately	Very well or extremely	
	at all equipped	equipped	well equipped	
Alternaria leaf blight and head rot				
Fungal diseases other than ABHR				
Bacterial diseases				
Insects				
Weeds				
Atypical temperature and rainfall patterns				
14) Based upon your experience, ho reducing <u>broccoli losses from Alter</u>	naria leaf blight and How effective do yo	head rot (ABHR)? Do	you use these practice I use this practice	
	for reducing losses blight and he Slightly or Modera	to reduce broccoli losses from ABHR		
	Slightly or Modera	tely Very I do not		

	for reduci	ive do you thing losses fron at and head r	I use this practice to reduce broccoli losses from ABHR			
	Slightly or not effective	Moderately effective	Very effective	I do not know	Yes	No
Broad spectrum protectant fungicides (e.g., Bravo®)						
Quadris [®] fungicide						
Quadris Top® fungicide						
Other fungicides (e.g., Switch®, Endura®,						
Priaxor [®] , Inspire Super [®] , etc.)						
Organic fungicides						
Use certified pathogen-free seeds						
Manage weeds						
Rotate every 2-3 years with a non-brassica						
Destroy refuge and cull piles						
Ensure good aeration within crop canopy						
Planting in sites with good drainage						
Orienting rows with prevailing winds						
Using straw mulch						
Roguing and destroying infected plants						
Only handling plants when dry						
Having workers sanitize hands and						
equipment prior to entering the field						
Avoid excessive nitrogen fertilization						
Avoid overhead irrigation						

(15) Based upon your experience, how common for growers in your area are crop losses due to ABHR?

	Not common	Somewhat common	mon Very common		
Broccoli					
Brussel Sprouts					
Cauliflower					
Cabbage					
Collards					
Kale					

Thank you very much for completing this survey and helping our research team better understand the scale and scope of the ABHR problem for broccoli growers. For more information on our project, please visit https://alternariabroccoliproject.uga.edu/welcome/