 Plum Rootstock Apricot Scion Apricot Rootstock Almond Scion
Apricot Rootstock
Almond Scion
Almond Rootstock
Blackberry
Red Raspberry
Black Raspberry
□ Rose

3. How many years have you work	ced as a breeder?
4. What type of organization are y	vou working at as a breeder?
 Private sector 	
O University	
○ Federal	
Other, please specify:	
i. In 2009, how many full-time equ your program? Breeders (excluding yourself)	vivalent staff (breeders, scientific assistants, non-scientific staff) worked on
Scientific assistants	
Non-scientific staff	
Graduate students	
Post-doc	
Other, please specify:	
TING PRIORITIES	
. Using the scale bars, please rat	te on a 0-10 scale the importance of INTERESTED PARTIES that influence your

setting of priorities when selecting a trait for inclusion in your breeding program (0=very unimportant, 10=very important). For each row, put the cursor at the number you think that best matches your rating and left click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Vei	y Unim	portant						Very	/ Import	ant
	0	1	2	3	4	5	6	7	8	9	10
Producers' needs											
Wholesalers' needs											
Consumers' needs/preferences											
Nursery feedback											
Funding agency											
Own experience											
Experiences of colleagues/other breeders											
Intended use of the crop											
Marketers' feedback											
Retailers' feedback											
Available premiums											
Other, please specify:											
Other, please specify:											

7. Using the scale bars, please rate on a 0-10 scale the importance of TECHNICAL CONSIDERATIONS that influence your setting of priorities when selecting a trait for inclusion in your breeding program (0=very

unimportant, 10=very important). Put the cursor at the number you think that best matches your rating and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Vei	y Unim	portant				Very Important						
	0	1	2	3	4	5	6	7	8	9	10		
Environmental effects on trait expression													
Availability of genetic variation for the trait													
Availability of resources													
Availability of expertise													
Previous research done by others/publications													
Other, please specify:													
Other, please specify:													

8. How frequently do you interact with the following interested parties?

	Weekly	Monthly	Every three months	Every six months	Once a year	Not applicable
Producers	0	0	0	0	0	0
Wholesalers	0	0	0	0	0	0
Consumers	0	0	0	0	0	0
Retailers	0	0	0	0	0	0
Nurseries	0	0	0	0	0	0

	Weekly	Monthly	Every three months	Every six months	Once a year	Not applicable
Funding agencies	0	0	0	0	0	0
Colleagues/other breeders	0	0	0	0	0	0
Marketers	0	0	0	0	0	0
Other, please specify:	0	0	0	0	0	0
Other, please specify:	0	0	0	0	0	0
Other, please specify:	0	0	0	0	0	0

9A. Which other breeders and breeding programs most influence your breeding work? Please check all that apply.

- Domestic public breeders of the crop(s) you work on
- Domestic public breeders of other crops
- Domestic private breeders of the crop(s) you work on
- Domestic private breeders of other crops
- Foreign public breeders of the crop(s) you work on
- Foreign public breeders of other crops
- Foreign private breeders of the crop(s) you work on
- Foeign private breeders of other crops
- Other, please specify:

9B. How do you interact with the interested parties who influence your breeding priorities? Please check all that apply.

- Formal conversations, e.g., presentations to industry
- Informal conversations
- Field days for industry groups
- Through cooperative extension agents
- Through my OWN industry advisory panel
- Through my OWN consumer advisory panel
- Cooperators who have test plots
- Other, please specify:
- Other, please specify:
- Other, please specify:

10. Using the scale bars, please rate on a 0-10 scale the challenges you face when DETERMINING your priorities (10=most challenging and 0=least challenging). Put the cursor at the number you think that best matches your rating and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Most Challenging										
	0	1	2	3	4	5	6	7	8	9	10
Lack of consisten standardized information on genetic materia	n										

	Lea	st Cha	llenging						Most (Challeng	jing
	0	1	2	3	4	5	6	7	8	9	10
Lack of genetic material											
Lack of consistent/standardized information on methods											
Poor communication with interested parties											
Separate short-term from long-term needs											
Difficult to find consensus across interested parties											
Uncertainty if variety being developed would be commercially viable											
Other, please specify:											
. Using the scale bars, p forities (10=most challer atches your rating and c	iging lick. /	and 0: After y	=least c	halleng	i <mark>ng).</mark> Pi	ut the c	ursor a	t the nu	umber y bars wi	ou thin	k that bes corded.
	0	1	2	3	4	5	6	7	8	9	10
Funding availability	1										
Labor/staff availability						}					
Time of senior investigator/staff											

	Leas	st Chall	enging						Most (Challeng	ging
	0	1	2	3	4	5	6	7	8	9	10
Genetic markers availability											
Genetic material availability											
Trait heritability											
Genetic variation											
Land availability											
Growing conditions at research farm											
Lack of facilities											
Other, please specify:											
Do you use marker-as Yes No	sisted	breed	ing tech	nology	?						
Why do you use marke		isted b	reeding	techno	ology?	Please	check	all that	apply.		
Intellectual property prote	ection										
Confirming parentage											
Confirming identity											

Saving cost

- Increasing efficiency
- Aiding in selecting among seedlings
- Aiding in selecting parents to use
- Other, please specify:
- Other, please specify:
- Other, please specify:

13. Why don't you use marker-assisted breeding technology? Please check all that apply.

- Lack of knowledge
- It does not suit to what I am doing
- Too costly
- Lack of technology
- Other, please specify:
- Other, please specify:
- Other, please specify:

14. Where does your funding for operations including staff and equipment come from? Please check all that apply.

State funds

- Public funds from regional associations or other regional sources
- Federal funds
- Private industry funds
- Royalties
- Non-government funds
- Other, please specify:

15. What is your highest level of education?

- O Ph.D degree
- Masters degree
- Bachelors degree
- Some college
- O High school degree
- Some high school or lower

16. What is your gender?

- Male
- Female

General Traits Scion

17A. This section of the survey is centered on your program's "main" crop. If you work with more than one crop, please choose your main crop and answer the following questions based on the crop you chose. When this section is finished, you will have the opportunity to answer questions referring to other crops you also work with.

- Strawberry
- Apple Scion
- Apple Rootstock
- O Pear Scion
- O Pear Rootstock
- Tart Cherry Scion
- Tart Cherry Rootstock
- Sweet Cherry Scion
- Sweet Cherry Rootstock
- O Peach Scion
- O Peach Rootstock
- O Plum Scion
- O Plum Rootstock
- Apricot Scion
- Apricot Rootstock
- Almond Scion
- Almond Rootstock
- Blackberry
- O Red Raspberry

0

Blac	k Raspberry
0	Rose
18 A	What is the major use of this crop? Please check all that apply.
	Fresh
	Processed
	Other:

19A. What <u>traits are you currently working to improve</u>? Please circle the level of importance of each trait. If the trait is not relevant to your crop, please choose "Not applicable."

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Fruit firmness	0	0	0	0	0	0
Fruit juiciness	0	0	0	0	0	0
Flavor	0	0	0	0	0	0
Sweetness	0	0	0	0	0	0
Flesh color	0	0	0	0	0	0
Aromatics/volatiles	0	0	0	0	0	0
Soluble solids (Brix)	0	0	0	0	0	0
Titratable acidity	0	0	0	0	0	0
рН	0	0	0	0	0	0
Skin color	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Fruit shape	0	0	0	0	0	0
Fruit size	0	0	0	0	0	0
Fruit uniformity	0	0	0	0	0	0
Surface texture	0	0	0	0	0	0
Fruit UV tolerance	0	0	0	0	0	0
Machine harvestability	0	0	0	0	0	0
Graft compatibility	0	0	0	0	0	0
Productivity	0	0	0	0	0	0
Production consistency	0	0	0	0	0	0
Bearing precocity	0	0	0	0	0	0
Blind nodes	0	0	0	0	0	0
Pre-harvest dropping	0	0	0	0	0	0
Extended harvest season	0	0	0	0	0	0
Flowering date	0	0	0	0	0	0
Resistance to frost injury	0	0	0	0	0	0
Winter hardiness	0	0	0	0	0	0
Heat tolerance	0	0	0	0	0	0
Drought tolerance	0	0	0	0	0	0
Plant architecture	0	0	0	0	0	0
Plant vigor	0	0	0	0	0	0
Pollen production	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Self fertility	0	0	0	0	0	0
Powdery Mildew	0	0	0	0	0	0
Aphid	0	0	0	0	0	0
Other disease - bacterial	0	0	0	0	0	0
Other disease - fungal	0	0	0	0	0	0
Other disease - viral	0	0	0	0	0	0
Plum curculio	0	0	0	0	0	0
Storage disorders	0	0	0	0	0	0
Shelf - life	0	0	0	0	0	0
Consistent quality during storage	0	0	0	0	0	0
Bruise resistance	0	0	0	0	0	0
Vitamin C content	0	0	0	0	0	0
Antioxidant content	0	0	0	0	0	0
Other Phytonutrients	0	0	0	0	0	0

Low	likelihood	ł					High	Likelihoo	bd
 0	11	22	33	44	55	66	77	88	100

	Low	likeliho	od					Hig	gh Likelih	ood
	0	11	22	33	44	55	66	77	88	100
» Fruit firmness										
» Fruit juiciness	1									
» Flavor	1									
» Sweetness	1									
» Flesh color	1									
» Aromatics/volatiles	1									
» Soluble solids (Brix)	1									
» Titratable acidity	1									
» pH	1									
» Skin color	1									
» Fruit shape	1									
» Fruit size	1									
» Fruit uniformity										
» Surface texture	1									
» Fruit UV tolerance										
Machine harvestability	1									
» Graft compatibility	1									
» Productivity	1									
Production consistency	1									
» Bearing precocity	1									
» Blind nodes	1									

	Low	likeliho	od					Hig	gh Likelił	nood
	0	11	22	33	44	55	66	77	88	100
» Pre-harvest dropping										
» Extended harvest season										
» Flowering date										
» Resistance to frost injury										
» Winter hardiness										
» Heat tolerance										
» Drought tolerance										
» Plant architecture										
» Plant vigor										
» Pollen production										
» Self fertility										,
» Powdery Mildew										
» Aphid										
 Other disease - bacterial 										
Other disease - fungal										
» Other disease - viral										
» Plum curculio										
» Storage disorders										
» Shelf - life										

	Low	likelihoo	bd					Hiç	gh Likelih	ood
	0	11	22	33	44	55	66	77	88	100
Consistent quality during storage										
» Bruise resistance										
» Vitamin C content										
» Antioxidant content										
» Other Phytonutrients										

Any other traits that you think are "Very Important?" Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood						High	n Likeliho	bod
	0	10	20	30	40	50	60	70	80	90	100
Other	:										
Other	:										

You rated the following traits as "Important." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	v Likelił	nood						High	n Likeliho	boc
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness											
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity											
» pH											
» Skin color											
» Fruit shape											
» Fruit size											
» Fruit uniformity											
» Surface texture											
» Fruit UV tolerance											
Machine harvestability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Blind nodes											

	Lov	v Likelih	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Pollen production											
» Self fertility											
» Powdery Mildew											
» Aphid											
 Other disease - bacterial 											
Other disease - fungal											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											

	Low	/ Likelih	lood						High	Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
» Other Phytonutrients											

Any other traits that you think are "Important?" Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood						High	Lilkelih	boc
	0	10	20	30	40	50	60	70	80	90	100
Other	:										
Other	:										

You rated the following traits as "Neutral." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	v Likelił	nood						High	n Likeliho	boc
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness											
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity											
» pH											
» Skin color											
» Fruit shape											
» Fruit size											
» Fruit uniformity											
» Surface texture											
» Fruit UV tolerance											
Machine harvestability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Blind nodes											

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Pollen production											
» Self fertility											,
» Powdery Mildew											
» Aphid											
 Other disease - bacterial 											
Other disease - fungal											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											

	Lov	v Likelih	nood						High	Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
» Other Phytonutrients											

You rated the following traits as "Unimportant." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w likelih	ood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness	5										
» Fruit juiciness	5										
» Flavo	r										
» Sweetness	S										
» Flesh colo	r										
» Aromatics/volatiles	5										
» Soluble solids (Brix)										
» Titratable acidity	/										
» pł	-										

	Lov	v likelih	ood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Skin color											
» Fruit shape											
» Fruit size											
» Fruit uniformity											
» Surface texture											
» Fruit UV tolerance											
» Machine harvestability											
» Graft compatibility											
» Productivity											
» Production consistency											
» Bearing precocity											
» Blind nodes											
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											

	Lov	v likelih	ood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	10
» Plant vigor											
» Pollen production											
» Self fertility											
» Powdery Mildew											
» Aphid											
 Other disease - bacterial 											
Other disease - fungal											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											
Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
» Other Phytonutrients											

You rated the following traits as "Very Unimportant." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded. After you click the bar, it will turn blue. Only blue bars will be

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness											
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity											
» pH											
» Skin color											
» Fruit shape											
» Fruit size											
» Fruit uniformity											
» Surface texture											
» Fruit UV tolerance											
Machine harvestability											
» Graft compatibility	1										
» Productivity	1										
Production consistency											

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Blind nodes											
Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Pollen production											,
» Self fertility											
» Powdery Mildew											
» Aphid											
 Other disease - bacterial 											
Other disease - fungal											
Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											

	Lov	v Likelih	lood						High	h Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
» Other Phytonutrients											

General Traits Rootstock

19A. What <u>traits are you currently working to improve</u>? Please circle the level of importance of each trait. If the trait is not relevant to your crop, please choose "Not applicable."

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Suckering	0	0	0	0	0	0
Rooting ability	0	0	0	0	0	0
Graft compatibility	0	0	0	0	0	0
Productivity	0	0	0	0	0	0
Production consistency	0	0	0	0	0	0
Bearing precocity	0	0	0	0	0	0
Pre-harvest dropping	0	0	0	0	0	0
Winter hardiness	0	0	0	0	0	0
Heat tolerance	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Drought tolerance	0	0	0	0	0	0
Plant architecture	0	0	0	0	0	0
Plant vigor	0	0	0	0	0	0
Thornless	0	0	0	0	0	0
Dwarfing	0	0	0	0	0	0
Soil pH tolerance	0	0	0	0	0	0
Aphid	0	0	0	0	0	0
Root rot	0	0	0	0	0	0
Other disease - fungal	0	0	0	0	0	0
Other disease - bacterial	0	0	0	0	0	0
Other disease - viral	0	0	0	0	0	0

You rated the following traits as "Very Important." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	w Likelił	nood						High	n Likelih	boc
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability	,										
» Graft compatibility	,										
» Productivity	,										

0 10 20 30 40 50 60 70 80 90 10 > Production consistency
» Bearing precocity » Pre-harvest dropping » Winter hardiness » Heat tolerance » Drought tolerance
>> Pre-harvest dropping >> Winter hardiness >> Heat tolerance >> Drought tolerance
 » Winter hardiness » Heat tolerance » Drought tolerance
» Heat tolerance» Drought tolerance
» Drought tolerance
» Plant architecture
» Plant vigor
» Thornless
» Dwarfing
» Soil pH tolerance
» Aphid
» Root rot
» Other disease - fungal
» Other disease - bacterial
» Other disease - viral

Any other traits that you think are "Very Important?" Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Low	Likelih	nood						High	Likelih	boc
	0	10	20	30	40	50	60	70	80	90	100
Other:											
Other:											
u rated the following tra u will select these traits rsor at the number that ue. Only blue bars will be	as yo best i e reco	our bre matche orded.	eding t es your	argets	(0=low	likeliho	od, 100	=high li	kelihoo er you	d). Plea click th	ase plac le bar, i
	Low	Likelih	lood						High	Likeliho	boc
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability											
» Graft compatibility											
» Productivity											
» Productivity											
» Productivity» Production consistency											
» Productivity» Production consistency» Bearing precocity											
 » Productivity » Production consistency » Bearing precocity » Pre-harvest dropping 	 										
 » Productivity » Production consistency » Bearing precocity » Pre-harvest dropping » Winter hardiness 											

	Lo	w Likelił	nood		High Likelihood						
	0	10	20	30	40	50	60	70	80	90	100
» Plant vigor	•										
» Thornless	;										
» Dwarfing											
» Soil pH tolerance	•										
» Aphid	l										
» Root rot	:										
» Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											

Any other traits that you think are "Important?" Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	0	10	20	30	40	50	60	70	80	90	100
Othe	r:										
Othe	r:										

You rated the following traits as "Neutral." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Low Li	kelih	lood		High Likelihood						
	0 1	0	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
» Other disease - fungal			1								

	Lov	v Likelih	lood				High Likelihood							
	0	10	20	30	40	50	60	70	80	90	100			
 Other disease - bacterial 														
» Other disease - viral														
rated the following tra ihood you will select t the cursor at the nu turn blue. Only blue ba	hese mber ars w	traits a that be ill be re	s your est mat ecorded	breedir ches yo	ng targe	ets (0=le	ow likel	ihood, ⁷	100=hig	h likelil	hood). Ple			
	Lov	v Likelih	lood				High Likelihood							
	0	10	20	30	40	50	60	70	80	90	100			
» Suckering														
» Rooting ability														
» Graft compatibility														
» Productivity														
Production consistency														
» Bearing precocity														
» Pre-harvest dropping														
» Winter hardiness														
» Heat tolerance														
» Dreverbt telenenes														
» Drought tolerance														
 » Drought tolerance » Plant architecture 														

	Lo	v Likelił	nood			High Likelihood						
	0	10	20	30	40	50	60	70	80	90	100	
» Thornless												
» Dwarfing												
» Soil pH tolerance												
» Aphid												
» Root rot												
» Other disease - fungal												
 Other disease - bacterial 												
» Other disease - viral												

You rated the following traits as "Very Unimportant." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	w Likelił	nood		High Likelihood						
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability											
» Graft compatibility											
» Productivity											
» Production consistency											
» Bearing precocity	1										

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	1(
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance	1										
» Aphid											
» Root rot											
» Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											
A. What <u>traits would yo</u>	<u>u like</u>	to woi	<u>'k on/in</u>	nprove,	but are	e not cu	rrently	working	<u>g on</u> ?		
						Reas	on for n	ot worki	ng		
rait:											

						eason for not	wonling		
rait	t:								
Trait	t:								
Trait	t:								
T	4.		_						
Trait	t:								
4 4		veere be		working as a	brooder en (he etudied e			
		_							
2 A .	On averag	e, how ma	any crosses (parental con	nbinations) d	o you make	per year?		
2A.	On averag	e, how ma 6-10	any crosses (11-20	(parental con 21-30	nbinations) d 31-40	o you make 41-50	per year? 51-100	101-150	>150
2 A .								101-150	>150
3A.	<5 On averag	6-10 O	11-20 O	21-30	31-40 O	41-50 O	51-100 O	0	
3 A . 0	<5	6-10 O	11-20 O	21-30 O	31-40 O	41-50 O	51-100 O	0	
3 A .	<5 On averag	6-10 O	11-20 O	21-30 O	31-40 O	41-50 O	51-100 O	0	
3 A. 0 0	<5 On averag <500 500-1,000	6-10 O	11-20 O	21-30 O	31-40 O	41-50 O	51-100 O	0	
3A. 0 0 0	<5 On averag <500 500-1,000 1,001-2,000	6-10 O	11-20 O	21-30 O	31-40 O	41-50 O	51-100 O	0	

15,001-20,000								
0 20,001-3	0,000							
0 30,001-5	0,000							
○ >50,000								
24A. How ma	any cultivars	do you predi	ict releasing i	in the next 5	years?			
1	2	3	4	5	6-10	11-15	16-20	>20
0	0	0	0	0	0	0	0	0
Nother Crop	Survey							
You will have to continue?	e the opportu	nity to set th	ne importance	e of traits fo	r another cro	op you are wo	orking on, wo	uld you like
	e the opportu	inity to set th	ne importanco	e of traits fo	r another cro	op you are wo	orking on, wo	uld you like
to continue?	e the opportu	inity to set th	ne importanco	e of traits fo	r another cro	op you are wo	orking on, wo	uld you like
to continue?	e the opportu	inity to set th	ne importanco	e of traits fo	r another cro	op you are wo	orking on, wo	uld you like
to continue? Yes No econd crop s	e the opportu						orking on, wo	uld you like
to continue? Yes No econd crop s 17B. Please	e the opportu						orking on, wo	uld you like
to continue? Yes No econd crop s 17B. Please	e the opportu						orking on, wo	uld you like
to continue? Yes No econd crop s 17B. Please Strawber	e the opportu						orking on, wo	uld you like
to continue? Yes No Becond crop solution: 17B. Please Strawber Apple Solution:	e the opportu						orking on, wo	uld you like

Pear Rootstock

- Tart Cherry Scion
- Tart Cherry Rootstock
- Sweet Cherry Scion
- Sweet Cherry Rootstock
- O Peach Scion
- O Peach Rootstock
- O Plum Scion
- O Plum Rootstock
- Apricot Scion
- Apricot Rootstock
- Almond Scion
- Almond Rootstock
- Blackberry
- Red Raspberry
- O Black Raspberry
- o Rose

18B. What is the major use of this crop? Please check all that apply.

- Fresh
- Processed
- Other:

19B. What <u>traits are you currently working to improve</u>? Please circle the level of importance of each trait. If the trait is not relevant to your crop, please choose "Not applicable."

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Fruit firmness	0	0	0	0	0	0
Fruit juiciness	0	0	0	0	0	0
Flavor	0	0	0	0	0	0
Sweetness	0	0	0	0	0	0
Flesh color	0	0	0	0	0	0
Flesh browning	0	0	0	0	0	0
Aromatics/volatiles	0	0	0	0	0	0
Soluble solids (Brix)	0	0	0	0	0	0
Titratable acidity	0	0	0	0	0	0
рН	0	0	0	0	0	0
Fruit color	0	0	0	0	0	0
Fruit shape / Kernel shape	0	0	0	0	0	0
Fruit size / Kernel size	0	0	0	0	0	0
Fruit uniformity	0	0	0	0	0	0
Surface texture	0	0	0	0	0	0
Fruit UV tolerance	0	0	0	0	0	0
Machine harvestability	0	0	0	0	0	0
Graft compatibility	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Productivity	0	0	0	0	0	0
Production consistency	0	0	0	0	0	0
Bearing precocity	0	0	0	0	0	0
Blind nodes	0	0	0	0	0	0
Pre-harvest dropping	0	0	0	0	0	0
Extended harvest season	0	0	0	0	0	0
Flowering date	0	0	0	0	0	0
Resistance to frost injury	0	0	0	0	0	0
Winter hardiness	0	0	0	0	0	0
Heat tolerance	0	0	0	0	0	0
Drought tolerance	0	0	0	0	0	0
Plant architecture	0	0	0	0	0	0
Plant vigor	0	0	0	0	0	0
Pollen production	0	0	0	0	0	0
Self fertility	0	0	0	0	0	0
Powdery Mildew	0	0	0	0	0	0
Aphid	0	0	0	0	0	0
Other disease - fungal	0	0	0	0	0	0
Other disease - bacterial	0	0	0	0	0	0
Other disease - viral	0	0	0	0	0	0
Plum curculio	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Storage disorders	0	0	0	0	0	0
Shelf - life	0	0	0	0	0	0
Consistent quality during storage	0	0	0	0	0	0
Bruise resistance	0	0	0	0	0	0
Vitamin C content	0	0	0	0	0	0
Antioxidant content	0	0	0	0	0	0
Other Phytonutrients	0	0	0	0	0	0

You rated the following traits as "Very Important." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood			High Likelihood					
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness	5										
» Fruit juiciness	5										
» Flavoi	r										
» Sweetness	S										
» Flesh colo	r										
» Flesh browning	9										
» Aromatics/volatiles	5										
» Soluble solids (Brix))										

	Lov	w Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Titratable acidity	,										
» pH	ł										
» Fruit color	•										
» Fruit shape / Kernel shape											
» Fruit size / Kernel size	•										
» Fruit uniformity	,										
» Surface texture	•										
» Fruit UV tolerance	;										
» Machine harvestability	,										
» Graft compatibility	,										
» Productivity	,										
Production consistency	,										
» Bearing precocity	,										
» Blind nodes	;										
» Pre-harvest dropping	ļ										
» Extended harvest season											
» Flowering date	;										
Resistance to frost injury											*
» Winter hardiness	;										
» Heat tolerance)										

	Low	Likelił	nood		High Likelihood						
	0	10	20	30	40	50	60	70	80	90	1(
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Pollen production											
» Self fertility											
» Powdery Mildew											
» Aphid											
» Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											
Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
» Other Phytonutrients											

likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood						High	n Likeliho	ood
	0	10	20	30	40	50	60	70	80	90	100
Other											
Other	:										

You rated the following traits as "Important." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness											
» Fruit juiciness											
» Flavor	1										
» Sweetness	1										
» Flesh color	1										
» Flesh browning											
» Aromatics/volatiles	1										
» Soluble solids (Brix)	1)						

shape Fruit size / Kernel size > Fruit uniformity > Surface texture > Fruit UV tolerance Machine harvestability > Graft compatibility > Productivity roduction consistency > Bearing precocity > Blind nodes		Lov	v Likelił	nood						High	Likeliho	ood
> pH > Fruit color > Fruit shape / Kernel shape Fruit shape / Kernel size > Fruit size / Kernel size > Fruit uniformity > Surface texture > Fruit UV tolerance Machine harvestability > Graft compatibility > Productivity roduction consistency > Bearing precocity > Blind nodes Pre-harvest dropping > Flowering date > Flowering date > Winter hardiness		0	10	20	30	40	50	60	70	80	90	100
>> Fruit color >> Fruit shape / Kernel shape Fruit shape / Kernel size Fruit size / Kernel size >> Fruit uniformity >> Surface texture >> Surface texture >> Fruit UV tolerance Machine harvestability >> Graft compatibility >> Productivity roduction consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Titratable acidity	_										
» Fruit shape / Kernel shape Pruit size / Kernel size > Fruit uniformity > Surface texture > Fruit UV tolerance Machine harvestability > Graft compatibility > Productivity roduction consistency > Bearing precocity > Bind nodes Pre-harvest dropping > Extended harvest season > Flowering date > Resistance to frost injury > Winter hardiness	» pH											
shape Fruit size / Kernel size > Fruit uniformity > Surface texture > Fruit UV tolerance Machine harvestability > Graft compatibility > Productivity roduction consistency > Bearing precocity > Blind nodes Pre-harvest dropping > Extended harvest season > Flowering date > Resistance to frost injury > Winter hardiness	» Fruit color											
» Fruit uniformity » Surface texture » Fruit UV tolerance Machine harvestability » Graft compatibility » Productivity roduction consistency » Bearing precocity » Bind nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury » Winter hardiness	» Fruit shape / Kernel shape											
» Surface texture » Fruit UV tolerance Machine harvestability » Graft compatibility » Productivity roduction consistency » Bearing precocity » Blind nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury » Winter hardiness	» Fruit size / Kernel size											
» Fruit UV tolerance Machine harvestability » Graft compatibility » Productivity troduction consistency v Bearing precocity » Blind nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury w Winter hardiness	» Fruit uniformity											
Machine harvestability >> Graft compatibility >> Productivity troduction consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Surface texture											
» Graft compatibility » Productivity troduction consistency roduction consistency » Bearing precocity » Blind nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury » Winter hardiness	» Fruit UV tolerance											
>> Productivity troduction consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Machine harvestability											
Production consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Graft compatibility											
>> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Productivity											
>> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	Production consistency											
Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury » Winter hardiness	» Bearing precocity											
> Extended harvest season > Flowering date > Resistance to frost injury > Winter hardiness	» Blind nodes											
season » Flowering date » Resistance to frost injury w Winter hardiness	» Pre-harvest dropping											
 » Resistance to frost injury » Winter hardiness 												
injury » Winter hardiness	» Flowering date											,
» Heat tolerance	» Winter hardiness											
	» Heat tolerance											,

	Lov	v Likelił	nood					High Likelihood						
	0	10	20	30	40	50	60	70	80	90	10			
» Drought tolerance														
» Plant architecture														
» Plant vigor														
» Pollen production														
» Self fertility														
» Powdery Mildew														
» Aphid														
Other disease - fungal														
 Other disease - bacterial 											,			
» Other disease - viral														
» Plum curculio														
» Storage disorders														
» Shelf - life														
» Consistent quality during storage														
» Bruise resistance														
» Vitamin C content														
» Antioxidant content														
» Other Phytonutrients														

likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	v Likelih	nood						High	n Likelih	boc
	0	10	20	30	40	50	60	70	80	90	100
Other:											
Other:											

You rated the following traits as "Neutral." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood						High	n Likeliho	bod
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness											
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Flesh browning											
» Aromatics/volatiles											
» Soluble solids (Brix)											

shape Fruit size / Kernel size > Fruit uniformity > Surface texture > Fruit UV tolerance Machine harvestability > Graft compatibility > Productivity roduction consistency > Blind nodes		Lov	v Likelił	nood						High	h Likelih	ood
> pH > Fruit color > Fruit shape / Kernel shape ruit size / Kernel size > Fruit uniformity > Surface texture > Fruit UV tolerance Machine harvestability > Graft compatibility > Productivity roduction consistency > Bearing precocity > Bind nodes Pre-harvest dropping > Extended harvest season > Flowering date > Winter hardiness		0	10	20	30	40	50	60	70	80	90	100
>> Fruit color >> Fruit shape / Kernel shape Fruit size / Kernel size >> Fruit uniformity >> Surface texture >> Surface texture >> Fruit UV tolerance Vlachine harvestability >> Graft compatibility >> Productivity roduction consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Titratable acidity											
> Fruit shape / Kernel shape Fruit size / Kernel size > Fruit uniformity > Surface texture > Surface texture Machine harvestability > Graft compatibility > Productivity roduction consistency > Bearing precocity > Blind nodes Pre-harvest dropping > Extended harvest season > Flowering date > Resistance to frost injury > Winter hardiness	» pH											
shape Fruit size / Kernel size > Fruit uniformity > Surface texture > Fruit UV tolerance Machine harvestability > Graft compatibility > Graft compatibility > Productivity roduction consistency > Bearing precocity > Blind nodes Pre-harvest dropping > Extended harvest > Flowering date > Resistance to frost injury > Winter hardiness	» Fruit color											
» Fruit uniformity » Surface texture » Fruit UV tolerance Machine harvestability » Graft compatibility » Productivity roduction consistency » Bearing precocity » Bilnd nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury » Winter hardiness	» Fruit shape / Kernel shape											
» Surface texture » Fruit UV tolerance Machine harvestability » Graft compatibility » Productivity roduction consistency » Bearing precocity » Blind nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury » Winter hardiness	» Fruit size / Kernel size											
>> Fruit UV tolerance Machine harvestability >> Graft compatibility >> Productivity roduction consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Fruit uniformity											
Machine harvestability » Graft compatibility » Productivity roduction consistency » Bearing precocity » Blind nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury w Winter hardiness	» Surface texture											
» Graft compatibility » Productivity roduction consistency » Bearing precocity » Blind nodes Pre-harvest dropping » Extended harvest season » Flowering date » Resistance to frost injury » Winter hardiness	» Fruit UV tolerance											
>> Productivity roduction consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Machine harvestability											
roduction consistency >> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Graft compatibility											
>> Bearing precocity >> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Productivity											
>> Blind nodes Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	Production consistency											
Pre-harvest dropping >> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Bearing precocity											
>> Extended harvest season >> Flowering date >> Resistance to frost injury >> Winter hardiness	» Blind nodes											
season » Flowering date » Resistance to frost injury » Winter hardiness	» Pre-harvest dropping											
 » Resistance to frost injury » Winter hardiness 												
injury » Winter hardiness	» Flowering date											
» Heat tolerance	» Winter hardiness											
	» Heat tolerance											

	Lov	v Likelił	nood					High Likelihood 0 70 80 90 100						
	0	10	20	30	40	50	60	70	80	90	10			
» Drought tolerance														
» Plant architecture														
» Plant vigor														
» Pollen production														
» Self fertility														
» Powdery Mildew														
» Aphid														
Other disease - fungal														
 Other disease - bacterial 											,			
» Other disease - viral														
» Plum curculio														
» Storage disorders														
» Shelf - life														
» Consistent quality during storage														
» Bruise resistance														
» Vitamin C content														
» Antioxidant content											,			
» Other Phytonutrients														

likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	v Likelił	hood						High	h Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness]										
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Flesh browning											
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity											
» pH											
» Fruit color											
» Fruit shape / Kernel shape											
» Fruit size / Kernel size											
» Fruit uniformity											
» Surface texture											
» Fruit UV tolerance											
» Machine harvestability											
» Graft compatibility											

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Productivity											
Production consistency											
» Bearing precocity											
» Blind nodes											
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Pollen production											
» Self fertility											
» Powdery Mildew											
» Aphid											
Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											

	Low Likelihood High Likelihood											
	0	10	20	30	40	50	60	70	80	90	100	
» Plum curculio												
» Storage disorders												
» Shelf - life												
Consistent quality during storage												
» Bruise resistance												
» Vitamin C content												
» Antioxidant content												
» Other Phytonutrients												

You rated the following traits as "Very Unimportant." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood		High Likelihood						
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmnes	s										
» Fruit juicines	s										
» Flavo	or										
» Sweetnes	s										
» Flesh cold	or										
» Flesh brownin	g)						

	Low Likelihood High Likelihood									n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity											
» pH											
» Fruit color											
» Fruit shape / Kernel shape											
» Fruit size / Kernel size											
» Fruit uniformity											
» Surface texture											
» Fruit UV tolerance											
Machine harvestability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Blind nodes											
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											

	Lov	Low Likelihood Hig										
	0	10	20	30	40	50	60	70	80	90	100	
» Winter hardiness	5											
» Heat tolerance	;											
» Drought tolerance)											
» Plant architecture)											
» Plant vigor	•											
» Pollen production	1											
» Self fertility	/											
» Powdery Mildew	1											
» Aphid	1											
Other disease - fungal	l											
 Other disease - bacterial 												
Other disease - viral	I											
» Plum curculio)											
» Storage disorders	5											
» Shelf - life)											
Consistent quality during storage												
» Bruise resistance)											
» Vitamin C content	t											
» Antioxidant content	t											
Other Phytonutrients	5											

Another crop rootstock

19B. What <u>traits are you currently working to improve</u>? Please circle the level of importance of each trait. If the trait is not relevant to your crop, please choose "Not applicable."

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Suckering	0	0	0	0	0	0
Rooting ability	0	0	0	0	0	0
Graft compatibility	0	0	0	0	0	0
Productivity	0	0	0	0	0	0
Production consistency	0	0	0	0	0	0
Bearing precocity	0	0	0	0	0	0
Pre-harvest dropping	0	0	0	0	0	0
Winter hardiness	0	0	0	0	0	0
Heat tolerance	0	0	0	0	0	0
Drought tolerance	0	0	0	0	0	0
Plant architecture	0	0	0	0	0	0
Plant vigor	0	0	0	0	0	0
Thornless	0	0	0	0	0	0
Dwarfing	0	0	0	0	0	0
Soil pH tolerance	0	0	0	0	0	0
Aphid	0	0	0	0	0	0
Root rot	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Other disease - bacterial	0	0	0	0	0	0
Other disease - fungal	0	0	0	0	0	0
Other disease - viral	0	0	0	0	0	0

You rated the following traits as "Very Important." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	w Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor						Ì					

	Lo	w Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
 Other disease - bacterial 											
» Other disease - fungal											
» Other disease - viral											

Any other traits that you think are "Very Important?" Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	0	10	20	30	40	50	60	70	80	90	100
Other	:										
Other	:										

You rated the following traits as "Important." Using the following 0-100 scaling bars, please specify the likelihood

you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	v Likelih	nood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Suckering	,										
» Rooting ability	/										
» Graft compatibility	/										
» Productivity	/										
Production consistency	/										
» Bearing precocity	/										
» Pre-harvest dropping	,										
» Winter hardiness	5										
» Heat tolerance	9										
» Drought tolerance	9										
» Plant architecture	9										
» Plant vigor	r										
» Thornless	5										
» Dwarfing	,										
» Soil pH tolerance	9										
» Aphic	1										
» Root ro	t										
Other disease - bacteria											

	Lo	w Likelil	hood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Other disease - funga	ıl										
» Other disease - vira	al										
										_	
ny other traits that you telihood you will select t											
pecify the traits in the te	ext bo	oxes, ar	nd then	place t	he curs	or at th	e numb	er that	best m	atches	
reeding and click. After	you c		e Dar, it	wiii turi	n blue.			will be	record	ea.	
	Lo	w Likelil	hood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
Other	:										
Other	:										
ou rated the following tr											
ou will select these traits ursor at the number that											
ue. Only blue bars will I	be red	corded.	-				-		-		
	Lo	w Likelil	hood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Suckering	g										

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
 Other disease - bacterial 											
» Other disease - fungal											,
» Other disease - viral											

You rated the following traits as "Unimportant." Using the following 0-100 scaling bars, please specify the

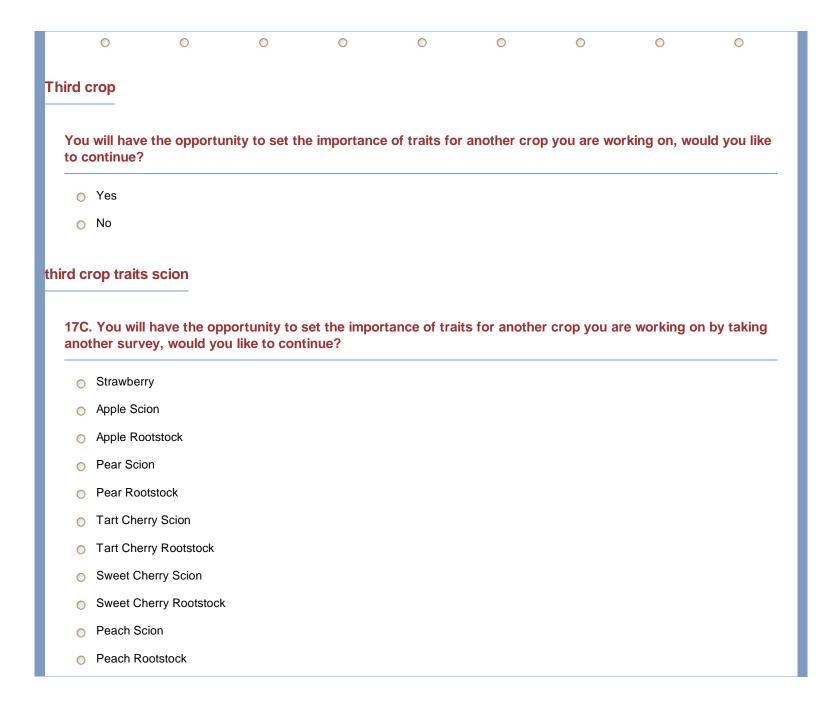
likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood						High	h Likelih	boc
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability	,										
» Graft compatibility	,										
» Productivity	,										
Production consistency	,										
» Bearing precocity	,										
» Pre-harvest dropping											
» Winter hardiness	;										
» Heat tolerance	•										
» Drought tolerance	•										
» Plant architecture	•										
» Plant vigor	·										
» Thornless	;										
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot	:										
 Other disease - bacterial 											

	Low	/ Likelih	hood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Other disease - fungal	l										
» Other disease - viral	 										
rated the following tra lihood you will select t	hese t	traits a	as your	breedi	ng targe	ets (0=le	ow likel	ihood, ⁻	100=hig	ıh likeli	hood).
ce the cursor at the nu turn blue. Only blue b					our like	lihood o	of breed	ling and	d click.	After y	ou clio
									L P I	. 1	
		/ Likelił							•	n Likelih	
	0	10	20	30	40	50	60	70	80	90	100
» Suckering	<u> </u>										
» Rooting ability	'										
» Graft compatibility	,										
» Productivity	,										
» Production consistency	,										
» Bearing precocity	,										
» Pre-harvest dropping											
» Winter hardiness	;										
» Heat tolerance											
» Drought tolerance											
" Drought toloranoo	1	_									
» Plant architecture											

	Lov	v Likelih	lood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
 Other disease - bacterial 											
» Other disease - fungal											
 » Other disease - viral » Other disease - viral » Other disease - viral 		to wor	k on/in	<u>prove</u> ,	but not	t currer	itly wor	king on	?		
» Other disease - viral		to wor	k on/in	<u>prove</u> ,	but no						
» Other disease - viral		to wor	k on/in	<u>prove</u> ,	but no			<mark>king on</mark> ot worki			
» Other disease - viral		to wor	<u>k on/in</u>	<u>prove</u> ,	but no						
» Other disease - viral		to wor	<u>k on/in</u>	<u>nprove</u> ,	but no						
» Other disease - viral		to wor	<u>k on/in</u>	<u>nprove</u> ,	but no						
» Other disease - viral DB. What <u>traits would yo</u> Trait:		to wor	k on/in	<u>nprove</u> ,	but no						
» Other disease - viral		to wor	<u>k on/in</u>	<u>prove</u> ,	but no						
» Other disease - viral DB. What <u>traits would yo</u> Trait:		<u>e to wor</u>	<u>k on/in</u>	<u>prove</u> ,	but no						

<5								
	6-10	11-20	21-30	31-40	41-50	51-100	101-150	>150
0	0	0	0	0	0	0	0	0
<500								
500-1,0								
2,001-5								
5,001-1	0,000							
10,001-	15,000							
15,001-	20,000							
20,001-	30,000							
20,001-								



Plum	n Scion						
0	Plum Rootstock						
0	Apricot Scion						
0	Apricot Rootstock						
0	Almond Scion						
0	Almond Rootstock						
0	Blackberry						
0	Red Raspberry						
0	Black Raspberry						
0	Rose						
18C.	. What is the major use of	this crop? Plea	se check all th	at apply.			
	Fresh						
	Processed						
	Other:						
	. What <u>traits are you curre</u> is not relevant to your cro				e level of impor	tance of each	n trait. If the
		Very				Very	Not
		Unimportant	Unimportant	Neutral	Important	Important	Applicable

0 0

0

0

0

0

Fruit juiciness

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Flavor	0	0	0	0	0	0
Sweetness	0	0	0	0	0	0
Flesh color	0	0	0	0	0	0
Aromatics/volatiles	0	0	0	0	0	0
Soluble solids (Brix)	0	0	0	0	0	0
Titratable acidity	0	0	0	0	0	0
рН	0	0	0	0	0	0
Skin color	0	0	0	0	0	0
Fruit shape	0	0	0	0	0	0
Fruit size	0	0	0	0	0	0
Fruit uniformity	0	0	0	0	0	0
Surface texture	0	0	0	0	0	0
Fruit UV tolerance	0	0	0	0	0	0
Machine harvestability	0	0	0	0	0	0
Graft compatibility	0	0	0	0	0	0
Productivity	0	0	0	0	0	0
Production consistency	0	0	0	0	0	0
Bearing precocity	0	0	0	0	0	0
Blind nodes	0	0	0	0	0	0
Pre-harvest dropping	0	0	0	0	0	0
Extended harvest season	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Flowering date	0	0	0	0	0	0
Resistance to frost injury	0	0	0	0	0	0
Winter hardiness	0	0	0	0	0	0
Heat tolerance	0	0	0	0	0	0
Drought tolerance	0	0	0	0	0	0
Plant architecture	0	0	0	0	0	0
Plant vigor	0	0	0	0	0	0
Pollen production	0	0	0	0	0	0
Self fertility	0	0	0	0	0	0
Powdery Mildew	0	0	0	0	0	0
Aphid	0	0	0	0	0	0
Other disease - fungal	0	0	0	0	0	0
Other disease - bacterial	0	0	0	0	0	0
Other disease - viral	0	0	0	0	0	0
Plum curculio	0	0	0	0	0	0
Storage disorders	0	0	0	0	0	0
Shelf - life	0	0	0	0	0	0
Consistent quality during storage	0	0	0	0	0	0
Bruise resistance	0	0	0	0	0	0
Vitamin C content	0	0	0	0	0	0
Antioxidant content	0	0	0	0	0	0

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable		
Other Phytonutrients	0	0	0	0	0	0		

You rated the following traits as "Very Important." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Low Likel	hood				High Likelihood					
() 10	20	30	40	50	60	70	80	90	100	
» Fruit firmness											
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Aromatics/volatiles											
Soluble solids (Brix)											
» Titratable acidity											
» pH											
» Skin color											
» Fruit shape											
» Fruit size											
» Fruit uniformity											
» Surface texture)							

	Low Likelihood							High Likelihood				
	0	10	20	30	40	50	60	70	80	90	10	
» Fruit UV tolerance	_											
» Machine harvestability												
» Graft compatibility												
» Productivity												
Production consistency												
» Bearing precocity												
» Blind nodes												
» Pre-harvest dropping												
» Extended harvest season												
» Flowering date												
» Resistance to frost injury												
» Winter hardiness												
» Heat tolerance												
» Drought tolerance												
» Plant architecture												
» Plant vigor												
» Pollen production												
» Self fertility												
» Powdery Mildew												
» Aphid												

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	Lo۱	v Likelił	hood						High	Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											
Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
Other Phytonutrients											,

Any other traits that you think are "Very Important?" Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Low Likelihood High Likelihood 0 10 20 30 40 50 60 70 80 90 100													
	0	10	20	30	40	50	60	70	80	90	100			
Other	:													

	Low	v Likelił	nood						High	Likelih	bod
Other:	0	10	20	30	40	50	60	70	80	90	100
You rated the following tra you will select these traits cursor at the number that blue. Only blue bars will b	s as yo best e reco	our bre match	eding t es your	argets	(0=low	likeliho	od, 100	=high li	ikelihoo ter you	d). Plea	ase place the le bar, it will turn
				00	40	50	00	70	_		
» Fruit firmness	0	10	20	30	40	50	60	70	80	90	100
» Fruit juiciness	-										
» Flavor											
» Sweetness											
» Flesh color	·										
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity	,										
» pH	I										
» Skin color											
» Fruit shape											
· · ·											
» Fruit size											

	Low Likelihood High Likelihood High 20 30 40 50 60 70 80 90 1								ood		
	0	10	20	30	40	50	60	70	80	90	10
» Surface texture											
» Fruit UV tolerance											
» Machine harvestability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Blind nodes											
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											,
» Plant vigor											
» Pollen production											
» Self fertility											
» Powdery Mildew											

	Lov	v Likelil	hood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Aphid											
Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											
» Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
» Other Phytonutrients											
y other traits that you t lihood you will select t cify the traits in the te eding and click. After y	hese xt bo	traits a xes, ar	as your nd then	breedin place t	ng targe he curs	ets (0=le or at th	ow likel e numb	ihood, ⁷ er that	100=hig best m	h likeli atches	hood). Please
	Lov	v Likelil	hood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100

	Lov	w Likelił	nood						High	blease specify the lihood). Please you click the b High Likelihood			
	0	10	20	30	40	50	60	70	80	90	100		
Other:													
ted the following tra	aits a	ıs "Neu	tral." U	sing the	e follow	ing 0-10)0 scali	ng bars	s, pleas	e speci	fy the l		
I select these traits													
nly blue bars will b				interint		Jiecum	gana c		ici you	cher ti			
	Lov	w Likelił	nood						High	n Likelih	ood		
	0	10	20	30	40	50	60	70	80	90	100		
» Fruit firmness													
» Fruit juiciness													
» Flavor													
» Sweetness													
» Flesh color													
Aromatics/volatiles													
Soluble solids (Brix)													
» Titratable acidity													
» pH													
» Skin color													
	1												
» Fruit shape	_												

										High Likelihoo				
	0	10	20	30	40	50	60	70	80	90	100			
» Fruit uniformity														
» Surface texture														
» Fruit UV tolerance														
Machine harvestability														
» Graft compatibility														
» Productivity														
Production consistency														
» Bearing precocity														
» Blind nodes														
» Pre-harvest dropping														
» Extended harvest season														
» Flowering date														
» Resistance to frost injury														
» Winter hardiness														
» Heat tolerance														
» Drought tolerance											,			
» Plant architecture														
» Plant vigor														
» Pollen production														
» Self fertility														

	Low	Likelih	lood					ood			
	0	10	20	30	40	50	60	70	80	90	100
» Powdery Mildew	-										
» Aphid											
Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											
» Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											
» Antioxidant content											
» Other Phytonutrients											

	Lov	v Likelił	nood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness											
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity											
» pH											
» Skin color											
» Fruit shape											
» Fruit size											
» Fruit uniformity											
» Surface texture											
» Fruit UV tolerance											
» Machine harvestability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Blind nodes											

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date											
» Resistance to frost injury											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Pollen production											
» Self fertility											,
» Powdery Mildew											,
» Aphid											
» Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											

	0	10	20	30	40	50	60	70	80	90	100			
» Consistent quality during storage														
» Bruise resistance														
» Vitamin C content														
» Antioxidant content														
» Other Phytonutrients														

You rated the following traits as "Very Unimportant." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	v Likelił	nood						High	n Likelih	ood
	0	10	20	30	40	50	60	70	80	90	100
» Fruit firmness]										
» Fruit juiciness											
» Flavor											
» Sweetness											
» Flesh color											
» Aromatics/volatiles											
» Soluble solids (Brix)											
» Titratable acidity											
» pH					;						

	Lov	v Likelił	nood			High Likelihood					
	0	10	20	30	40	50	60	70	80	90	10
» Skin color	•										
» Fruit shape	•										
» Fruit size	;										
» Fruit uniformity	,										
» Surface texture	•										
» Fruit UV tolerance	•										
» Machine harvestability	,										
» Graft compatibility	,										
» Productivity	,										
Production consistency	1										
» Bearing precocity	,										,
» Blind nodes	;										
» Pre-harvest dropping											
» Extended harvest season											
» Flowering date	;										
» Resistance to frost injury											
» Winter hardiness	;										
» Heat tolerance	•										
» Drought tolerance	•										
» Plant architecture	;										

	Low	v Likelił	nood		High Likelihood						
	0	10	20	30	40	50	60	70	80	90	100
» Plant vigor											
» Pollen production											
» Self fertility											
» Powdery Mildew											
» Aphid											
Other disease - fungal											
 Other disease - bacterial 											
Other disease - viral											
» Plum curculio											
» Storage disorders											
» Shelf - life											
» Consistent quality during storage											
» Bruise resistance											
» Vitamin C content											,
» Antioxidant content											
Other Phytonutrients											

19C. What <u>traits are you currently working to improve</u>? Please circle the level of importance of each trait. If the trait is not relevant to your crop, please choose "Not applicable."

	Very Unimportant	Unimportant	Neutral	Important	Very Important	Not Applicable
Suckering	0	0	0	0	0	0
Rooting ability	0	0	0	0	0	0
Graft compatibility	0	0	0	0	0	0
Productivity	0	0	0	0	0	0
Production consistency	0	0	0	0	0	0
Bearing precocity	0	0	0	0	0	0
Pre-harvest dropping	0	0	0	0	0	0
Winter hardiness	0	0	0	0	0	0
Heat tolerance	0	0	0	0	0	0
Drought tolerance	0	0	0	0	0	0
Plant architecture	0	0	0	0	0	0
Plant vigor	0	0	0	0	0	0
Thornless	0	0	0	0	0	0
Dwarfing	0	0	0	0	0	0
Soil pH tolerance	0	0	0	0	0	0
Aphid	0	0	0	0	0	0
Root rot	0	0	0	0	0	0
Other disease - fungal	0	0	0	0	0	0
Other disease - bacterial	0	0	0	0	0	0
Other disease - viral	0	0	0	0	0	0

You rated the following traits as "Very Important." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Low L	ikelih	ood						High	n Likeliho	boc
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability											
» Graft compatibility											
» Productivity											
» Production consistency											
» Bearing precocity											
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
» Other disease - fungal										1	

	Lo	w Likelił	nood						High	n Likeliho	bod
	0	10	20	30	40	50	60	70	80	90	100
 Other disease - bacterial 											
» Other disease - viral											
y other traits that you t elihood you will select t											
ecify the traits in the te	xt bo	oxes, an	nd then	place t	he curs	or at th	e numb	per that	best m	atches	
eeding and click. After y	/ou c		e bar, it	will tur	n blue.		ue bars		record	ed.	
	Lo	w Likelił	nood						High	n Likeliho	bod
	0	10	20	30	40	50	60	70	80	90	100
Other:											
Other:											
	•						400				
ou rated the following tra u will select these traits											
rsor at the number that ue. Only blue bars will b				likeliho	ood of I	preeding	g and c	lick. Aft	er you	click th	e bar, it will
	Lo	w Likelił	nood			High Likelihood					
	0	10	20	30	40	50	60	70	80	90	100

	Lov	v Likelił	nood			High Likelihood					
	0	10	20	30	40	50	60	70	80	90	1(
» Rooting ability											
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
» Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											

Any other traits that you think are "Important?" Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please specify the traits in the text boxes, and then place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo	w Likelił	nood						High	n Likelih	boc
	0	10	20	30	40	50	60	70	80	90	100
Othe	r:]										
Othe	r:										

You rated the following traits as "Neutral." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lo۱	w Likelił				High	n Likelih	bod			
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability											
» Graft compatibility	1										
» Productivity											
Production consistency											
» Bearing precocity	1										
» Pre-harvest dropping	1										

	Low	Likelih	bod								
	0	10	20	30	40	50	60	70	80	90	100
» Winter hardiness	_										
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
» Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											
You rated the following tra likelihood you will select the place the cursor at the nur will turn blue. Only blue ba	nese f mber	raits as that be	s your est mat	breedir ches yo	ng targe	ets (0=le	ow likeli	hood, ⁷	100=hig	h likelil	nood). Please
	Low	Likelih	boc						High	ı Likeliho	bod
» Suckering	0	10	20	30	40	50	60	70	80	90	100

	Lov	v Likelił	nood			High Likelihood					
	0	10	20	30	40	50	60	70	80	90	10
» Rooting ability	_										
» Graft compatibility											
» Productivity											
Production consistency											
» Bearing precocity											
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
» Other disease - fungal											
 Other disease - bacterial 											
» Other disease - viral											

You rated the following traits as "Very Unimportant." Using the following 0-100 scaling bars, please specify the likelihood you will select these traits as your breeding targets (0=low likelihood, 100=high likelihood). Please place the cursor at the number that best matches your likelihood of breeding and click. After you click the bar, it will turn blue. Only blue bars will be recorded.

	Lov	v Likelih	nood						High	h Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
» Suckering											
» Rooting ability											
» Graft compatibility											
» Productivity											
» Production consistency											
» Bearing precocity											
» Pre-harvest dropping											
» Winter hardiness											
» Heat tolerance											
» Drought tolerance											
» Plant architecture											
» Plant vigor											
» Thornless											
» Dwarfing											
» Soil pH tolerance											
» Aphid											
» Root rot											
» Other disease - fungal											

	Lov	v Likelih	lood						High	n Likelih	bod
	0	10	20	30	40	50	60	70	80	90	100
 Other disease - bacterial 											
» Other disease - viral											
0C. What <u>traits would you</u>	<u>ı like</u>	to wor	k on/im	<u>iprove,</u>	but not	currer	itly wor	king on	?		
						Reas	on for n	ot worki	ng		
Frait:											
Frait:											
Frait:											
rait:											
Frait:											
1C. How many years have											
2C. On average, how man <5 6-10		osses (-20	parenta 21-3		31-40		50 mak 41-50		-100	101-	150 >150

