After each pest appears a column of numbers. These are provided to assist growers in choosing materials to use to control specific pests. The number refers to the pesticide in the column headed "Suggested Chemicals". Insecticide and fungicide efficacy trials have not been conducted for saskatoon berries in Michigan, so no product ratings are indicated. Products designated with "RUP" require a restricted use permit. Products listed by the Organic Materials Review Institute (OMRI) for use in organic production will be marked with the following designation: ▲. Products designated by the EPA as reduced-risk will be marked with: **RR**.

SILVER TIP - GREEN TIP

DISEASES	Chemical Efficacy	Suggested Chemicals (Rate/acre)	
Entomosporium leaf spot	7, 12, 28, 70, 75	FUNGICIDES	
 Entomosporium leaf spot 7, 12, 28, 70, 75 Comments: Do not apply more than 30 fl oz of Tilt per acre per season. The use of all propiconazole-containing products is limited to 0.84 lb a.i./acre/season. Do not apply more than 46 fl oz of Abound per acre per year. To limit the potential for resistance development, make no more than 2 sequential applications of Abound. The use of all azoxystrobin-containing products is limited to 0.75 lb a.i./acre/season. Do not apply more than 82 fl oz of Quilt Xcel per acrea per year. Do not apply more than 82 fl oz of Quilt Xcel per acrea per year. Do not apply more than 82 fl oz of Pristine per year. No more than 0.75 lb a.i./acre/season. Do not apply more than 44 lb a.i./acre/season of propiconazole and 0.75 lb a.i./acre of azoxystrobin. Do not make more than 4 applications of Pristine per year. No more than two consecutive applications of Pristine per year. No more than two consecutive applications of Pristine per year. No more than two consecutive applications should be made without switching to materials with different modes of action. Do not apply more than 92 fl oz of Pristine per acre per year. Pristine cannot be tank-mixed with any other products, only water. Do not apply Quash more than 3 times per season. Do not exceed 7.5 oz of 		 7. Tilt (6 oz)¹ 12. Abound (6.0-15.5 oz) RR² 28. Quilt Xcel (14-21 oz)³ 70. Pristine (18.5-23 oz)⁴ 75. Quash (2.5 oz)⁵ 	
Quash per acre per year.		INSECTICIDES	
		44. Danitol 2.4 EC (10.6-16 oz) RUP ¹	
Danitol per acre per year. ² Avaunt may be applied no m Avaunt per acre per year. ³ Apply no more than 12 oz of bees. ⁴ Assail is limited to 5 applicat 30SG per acre per year.	44, 54, 55, 59, 60 ations of Danitol per year. Do not exceed 32 fl oz of nore than 4 times per year. Do not exceed 24 fl oz of Actara per acre per year. Actara is highly toxic to tions per year. Do not exceed 26.7 fl oz of Assail plications per year. Do not exceed 14 fl oz of Admire	 54. Aza-Direct (1.0-3.5 pt) ▲ 55. Avaunt 30 WG (3.5-6 oz) RR² 59. Actara 25 WG (3-4 oz)³ 60. Assail 30 SG (2.5-5.3 oz) RR⁴ 	
FULL GREEN	- TIGHT CLUSTER		
DISEASES	Chemical Efficacy	Suggested Chemicals (Rate/acre)	
Entomosporium leaf spot	7, 12, 28, 70, 75	FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR 28. Quilt Xcel (14-21 oz) 70. Pristine (18.5-23 oz) 75. Quash (2.5 oz)	

(continued on next page)

Under "Chemical Efficacy": **e** = excellent, **g** = good, **f** = fair, **p** = poor, and **n** = no activity.

FULL GREEN – TIGHT CLUSTER (continued)

INSECTS	Chemical Efficacy	Suggested Chemicals (Rate/acre)
 Only 2 applications of Est oz of Esteem per acre per y Do not apply more than 9 Delegate is limited to 6 ap Delegate per acre per year 	3 fl oz of Intrepid per acre per year. eem are allowed per year. No not apply more than32 fl year. fl oz of Entrust per acre per year. oplications per year. Do not apply more than 19.5 oz of	INSECTICIDES 2. Exirel (10-20.5 oz) ¹ 6. Grandevo (1-3 lb) ▲ 22. Verdepryn 100 SL (8.2 - 11 oz) 27. Esteem 0.86 EC (16 oz) RR^4 35. Spear-Lep (1-2 pt) 44. Danitol 2.4 EC (10.6-16 oz) RUP 50. Intrepid 2 F (4-16 oz) RR^3 54. Aza-Direct (1.0-3.5 pt) ▲ 55. Avaunt 30 WG (3.5-6 oz) RR 59. Actara 25 WG (3-4 oz) 60. Assail 30 SG (2.5-5.3 oz) RR 64. Entrust SC (4-6 oz) RR ▲ ⁵ 85. Delegate 25 WG (3-6 oz) RR^6 88. Altacor 35 WDG (3-4.5 oz) RR^7 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR

WHITE TIP

DISEASES	Chemical Efficacy	Suggested Chemicals (Rate/acre)
Entomosporium leaf spot	7, 12, 28, 70, 75	FUNGICIDES
Saskatoon-juniper rust	7, 12, 28, 35, 70	7. Tilt (6 oz)
Brown rot	29, 65, 67	12. Abound (6.0-15.5 oz) RR
 Comments: ¹ Do not apply more than 56 fl oz of Quadris Top per acre per year. No more than two sequential applications of Quadris Top are allowed before switching to a product with a different mode of action. Combined use of azoxystrobin-containing products must not exceed 0.75 lb. a.i./acre/year; combined use of difenocon-azole-containing products must not exceed 0.46 lb. a.i./acre/year. ² Do not apply more than 6 lb of Elevate per acre per year. ³ Do not make more than two applications of Switch per year. 		 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲

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WHITE TIP (continued)

INSECTS	Chemical Efficacy	Suggested Chemicals (Rate/acre)
Saskatoon bud moth	2, 22, 60, 85, 88	
Leafrollers	2, 6, 22, 27, 43, 44, 50, 55, 64, 85,	2. Exirel 10 SE (10-20.5 oz)
	88	6. Grandevo WDG (1-3 lb) ▲
Tarnished plant bug	44, 54, 55, 59, 60	22. Verdepryn 100 SL (8.2-11 oz)
		27. Esteem 0.86 EC (16 oz) RR
		43. Dipel DF (0.5-2.0 lb) ▲
		44. Danitol 2.4 EC (10.6-16 oz) RUP
		50. Intrepid 2 F (4-16 oz) <i>R</i>
		54. Aza-Direct (1.0-3.5 pt) ▲
		55. Avaunt 30 WG (3.5-6 oz) RR
		59. Actara 25 WG (3-4 oz)
		 60. Assail 30 SG (2.5-5.3 oz) <i>RR</i> 64. Entrust SC (4-6 oz) <i>RR</i> ▲
		85. Delegate 25 WG (3-6 oz) <i>RR</i>
		88 Altacor 35 WDG (3.4.5 oz) PP
		 88. Altacor 35 WDG (3-4.5 oz) <i>RR</i> 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) <i>RR</i>
TUBE OR BAL		88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR
DISEASES	Chemical Efficacy	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre)
DISEASES Entomosporium leaf spot	Chemical Efficacy 7, 12, 28, 70, 75	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES
DISEASES Entomosporium leaf spot Saskatoon-juniper rust	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz)
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR 28. Quilt Xcel (14-21 oz)
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) <i>RR</i> Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) <i>RR</i> 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES Tilt (6 oz) Abound (6.0-15.5 oz) RR Quilt Xcel (14-21 oz) Serenade Opti (2-6 qt) ▲ 35. Quadris Top (12-14 oz)
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) <i>RR</i> Suggested Chemicals (Rate/acre) FUNGICIDES T. Tilt (6 oz) Abound (6.0-15.5 oz) <i>RR</i> 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲ 35. Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb)
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) <i>RR</i> Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) <i>RR</i> 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲ 35. Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb) 66. JMS Stylet Oil (3-6 qt)
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲ 35. Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb) 66. JMS Stylet Oil (3-6 qt) 67. Switch 62.5 WG (11-14 oz)
DISEASES Entomosporium leaf spot Saskatoon-juniper rust	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲ 35. Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb) 66. JMS Stylet Oil (3-6 qt) 67. Switch 62.5 WG (11-14 oz) 70. Pristine (18.5-23 oz)
DISEASES Entomosporium leaf spot Saskatoon-juniper rust Brown rot	Chemical Efficacy 7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67	 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) RR Suggested Chemicals (Rate/acre) FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲ 35. Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb) 66. JMS Stylet Oil (3-6 qt) 67. Switch 62.5 WG (11-14 oz)

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TUBE OR BALLOON (continued)

INSECTS	Chemical Efficacy	Suggested Chemicals (Rate/acre)
		INSECTICIDES
Saskatoon bud moth	2, 60, 85, 88	2. Exirel 10 SE (10-20.5 oz)
Tarnished plant bug	22, 44, 54, 55, 59, 60	23. Sevin 4 F (1-2 qt) ¹
Fruit-infesting weevils	2, 23, 44, 55, 59, 60	23. Sevin 41 (1-2 qt) 22. Verdepryn 100 SL (8.2 - 11 oz)
Sawflies	55, 60	44. Danitol 2.4 EC (10.6-16 oz) RUP
	than 5 times per year. Do not exceed 10 qts of Sevin a strong fruit-thinning agent if used on saskatoons loom.	54. Aza-Direct (1.0-3.5 pt) \blacktriangle 55. Avaunt 30WG (3.5-6 oz) RR 59. Actara 25 WG (3-4 oz) 60. Assail 30 SG (2.5-5.3 oz) RR 85. Delegate WG (3-6 oz) RR 85. Delegate WG (3-6 oz) RR

- 88. Altacor 35 WDG (3-4.5 oz) RR
- 88. Altacor eVo 70 WDG (1.5 2.2 oz) RR

EARLY BLOOM – FULL BLOOM DISEASES **Suggested Chemicals (Rate/acre) Chemical Efficacy FUNGICIDES** Entomosporium leaf spot 7, 12, 28, 70, 75 Saskatoon-juniper rust 7, 12, 28, 35, 70 **7.** Tilt (6 oz) Brown rot 29, 65, 67 12. Abound (6.0-15.5 oz) RR Powdery mildew 7, 12, 35, 66, 82 **28.** Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 gt) A **35.** Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb) 66. JMS Stylet Oil (3-6 qt) 67. Switch 62.5 WG (11-14 oz) 70. Pristine (18.5-23 oz) **75.** Quash (2.5 oz) 82. Regalia (1-4 qt) INSECTS Suggested Chemicals (Rate/acre) **Chemical Efficacy** INSECTICIDES No insecticides are recommended during bloom in order to protect pollinating insects

PETAL FALL

DISEASES	Chemical Efficacy	Suggested Chemicals (Rate/acre)
Entomosporium leaf spot Saskatoon-juniper rust Brown rot Powdery mildew	7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67 7, 12, 35, 66, 82	FUNGICIDES 7. Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR 28. Quilt Xcel (14-21 oz) 29. Serenade Opti (2-6 qt) ▲ 35. Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb) 66. JMS Stylet Oil (3-6 qt) 67. Switch 62.5 WG (11-14 oz) 70. Pristine (18.5-23 oz) 75. Quash (2.5 oz) 82. Regalia (1-4 qt)
INSECTS		INSECTICIDES
	2, 60, 85, 88 2, 6, 15, 22, 26, 27, 36, 55, 59, 60 2, 26, 44, 55, 59, 60, 76 55, 60	 2. Exirel 10 SE (10-20.5 oz) 6. Grandevo WDG (1-3 lb) ▲ 15. Sivanto Prime 200 SL (7-14 oz) 22. Verdepryn 100 SL (8.2-11 oz) 26. Cormoran DC (20 fl oz) 27. Esteem 0.86 EC (16 oz) <i>RR</i> 36. Spear T (2-3 gal) 44. Danitol 2.4 EC (10.6-16 oz) RUP¹ 55. Avaunt 30 WG (3.5-6 oz) <i>RR</i> 59. Actara 25 WG (3-4 oz) 60. Assail 30 SG (2.5-5.3 oz) <i>RR</i> 85. Delegate WG (3-6 oz) <i>RR</i> 88. Altacor 35 WDG (3-4.5 oz) <i>RR</i> 88. Altacor eVo 70 WDG (1.5 - 2.2 oz) <i>RR</i>
EARLY GREE	Chemical Efficacy	Suggested Chemicals (Rate/acre)
Entomosporium leaf spot Saskatoon-juniper rust Brown rot Powdery mildew Comments: ¹ Tilt and Quilt Xcel have a 30	7, 12, 28, 70, 75 7, 12, 28, 35, 70 29, 65, 67 7, 12, 35, 66, 82	FUNGICIDES 7. Tilt (6 oz) ¹ 12. Abound (6.0-15.5 oz) RR 28. Quilt Xcel (14-21 oz) ¹ 29. Serenade Opti (2-6 qt) \blacktriangle 35. Quadris Top (12-14 oz) 65. Elevate 50 WDG (1.5 lb) 66. JMS Stylet Oil (3-6 qt) 67. Switch 62.5 WG (11-14 oz) 70. Pristine (18.5-23 oz) 75. Quash (2.5 oz) 82. Regalia (1-4 qt)

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Under "Chemical Efficacy": \mathbf{e} = excellent, \mathbf{g} = good, \mathbf{f} = fair, \mathbf{p} = poor, and \mathbf{n} = no activity.

EARLY GREEN FRUIT (continued)

INSECTS

Saskatoon bud moth	2, 60, 85, 88
Foliar aphids	2, 6, 15, 22, 27, 36, 55, 59, 60, 76
Fruit-infesting weevils	2, 23, 44, 55, 59, 60, 76
Sawflies	55, 60
Rose chafer	2, 44, 54, 55, 59, 60, 76, 85

IN	SECTICIDES
0	Eviral (10 20 5 az)

	2. Exirel (10-20.5 oz)
-	6. Grandevo (1-3 lb) ▲
_	15. Sivanto Prime 200 SL (7-14 oz)
_	22. Verdepryn 100 SL (8.2 - 11 oz)
_	27. Esteem 0.86 EC (16 oz) RR
	36. Spear T (2-3 gal)
	44. Danitol 2.4 EC (10.6-16 oz) RUP
	54. Aza-Direct (1.0-3.5 pt) ▲
	55. Avaunt 30 WG (3.5-6 oz) RR
	59. Actara 25 WG (3-4 oz)
	60. Assail 30 SG (2.5-5.3 oz) RR
	76. Admire Pro (1-2.8 oz) RR
	85. Delegate 25 WG (3-6 oz) RR
	88. Altacor 35 WDG (3-4.5 oz) RR

LATE GREEN FRUIT

DISEASES	Chemical Efficacy	Suggested Chemicals (Rate/acre)
Entomosporium leaf spot	12, 70, 75	FUNGICIDES
Saskatoon-juniper rust	12, 35, 70	12. Abound (6.0-15.5 oz) RR
Brown rot	29, 65, 67	29. Serenade Opti (2-6 qt) ▲
Powdery mildew	12, 35, 66, 82	35. Quadris Top (12-14 oz)
		65. Elevate 50 WDG (1.5 lb)
		66. JMS Stylet Oil (3-6 qt)
		67. Switch 62.5 WG (11-14 oz)
		70. Pristine (18.5-23 oz)
		75. Quash (2.5 oz)
		82. Regalia (1-4 qt)
INSECTS		INSECTICIDES
Foliar aphids	2, 6, 15, 27, 55, 59, 60, 76	2. Exirel 10 SE (10-20.5 oz)
Fruit-infesting weevils	2, 23, 44, 55, 59, 60, 76	6. Grandevo WDG (1-3 lb) ▲
Rose chafer	2, 44, 54, 55, 59, 60, 76, 85	15. Sivanto Prime 200 SL (7-14 oz)
		27. Esteem 0.86 EC (16 oz) RR
		44. Danitol 2.4 EC (10.6-16 oz) RUP
		54. Aza-Direct (1.0-3.5 pt) ▲
		54. Aza-Direct (1.0-3.5 pt) ▲
		54. Aza-Direct (1.0-3.5 pt) ▲ 55. Avaunt 30 WG (3.5-6 oz) <i>RR</i>
		 54. Aza-Direct (1.0-3.5 pt) ▲ 55. Avaunt 30 WG (3.5-6 oz) <i>RR</i> 59. Actara 25 WG (3-4 oz)

Under "Chemical Efficacy": **e** = excellent, **g** = good, **f** = fair, **p** = poor, and **n** = no activity.

RED FRUIT

DISEASES	Chemical Efficacy	Suggested Chemicals (Rate/acre)
Entomosporium leaf spot	12, 70, 75	FUNGICIDES
Saskatoon-juniper rust	12, 35, 70	12. Abound (6.0-15.5 oz) RR
Brown rot	29, 65, 67	29. Serenade Opti (2-6 qt) ▲
Powdery mildew	12, 35, 66, 82	35. Quadris Top (12-14 oz) ¹
Comments:		65. Elevate 50 WDG (1.5 lb)
¹ Quadris Top and Quash hav	re a 7 day PHI.	66. JMS Stylet Oil (3-6 qt)
		67. Switch 62.5 WG (11-14 oz)
		70. Pristine (18.5-23 oz)
		75. Quash (2.5 oz) ¹
		82. Regalia (1-4 qt)
INSECTS		INSECTICIDES
Foliar aphids	2, 6, 22, 26, 15, 27, 55, 59, 60, 76	2. Exirel 10 SE (10-20.5 oz)
Rose chafer	2, 22, 26, 44, 54, 55, 59, 60, 76, 85	6. Grandevo (1-3 lb) ▲
Comments:	_,,,,,,,,,,,,,_	15. Sivanto Prime 200 SL (7-14 oz)
¹ 1 Esteem and Avaunt have a		22. Verdepryn 100 SL (8.2-11 oz)
 Admire Pro has a 3 day PHI plications. 	for foliar applications and a 7 day PHI for soil ap-	26. Cormoran DC (20 fl oz)
production.		27. Esteem 0.86 EC (16 oz) <i>RR</i>¹
		44. Danitol 2.4 EC (10.6-16 oz) RUP
		54. Aza-Direct (1.0-3.5 pt) ▲
		55. Avaunt 30 WDG (3.5-6 oz) <i>RR</i>¹
		59. Actara 25 WG (3-4 oz)
		60. Assail 30 SG (2.5-5.3 oz) RR
		76. Admire Pro (1-2.8 oz) RR ²
MATURE EDU	IT HARVEST	85. Delegate 25 WG (3-6 oz) RR
DISEASES	Chemical Efficacy	Suggested Chemicals (Rate/acre)
Entomosporium leaf spot	12, 70	FUNGICIDES
Brown rot	29, 65, 67	12. Abound (6.0-15.5 oz) <i>RR</i>
Powdery mildew	12, 66, 82	29. Serenade Opti (2-6 qt) ▲
		65. Elevate 50 WDG (1.5 lb)
		66. JMS Stylet Oil (3-6 qt)
		67. Switch 62.5 WG (11-14 oz)
		70. Pristine (18.5-23 oz)
		Co Descrite (1.4 et)

82. Regalia (1-4 qt)

INSECTS		INSECTICIDES
Foliar aphids	2, 6, 15, 22, 26, 36, 55, 59, 60, 76	2. Exirel 10 SE (10-20.5 oz) ²
Rose chafer	2, 44, 54, 59, 60, 76, 85	6. Grandevo WDG (1-3 lb) ▲
Spotted wing drosophila ¹	2, 6, 22, 26, 36, 44, 64, 85	15. Sivanto Prime 200 SL (7-14 oz) 22. Verdepryn 100 SL (8.2-11 oz)
Comments:		26. Cormoran DC (20 fl oz)
Although saskatoon berries are an acceptable host for spotted wing drosophila, the early ripening season of this fruit makes it unlikely for this pest to a be a significant problem in this crop. See "Invasive and Emerging Pests" section for more information on spotted wing drosophila.		 36. Spear T (2-3 gal) 44. Danitol 2.4 EC (10.6-16 oz) RUP² 54. Aza-Direct (1.0-3.5 pt) ▲ 59. Actara 25 WG (3-4 oz)²
2 Exirel, Danitol and Actara have a 3 day PHI.		60. Assail 30 SG (2.5-5.3 oz) RR

- **76.** Admire Pro (1-2.8 oz) *RR*
- 85. Delegate 25 WG (3-6 oz) RR

POST-HARVEST DISEASES **Chemical Efficacy** Suggested Chemicals (Rate/acre) FUNGICIDES Entomosporium leaf spot 7, 12, 28, 70, 75 7, 12, 35, 66, 82 Powdery mildew **7.** Tilt (6 oz) 12. Abound (6.0-15.5 oz) RR **28.** Quilt Xcel (14-21 oz) **35.** Quadris Top (12-14 oz) 66. JMS Stylet Oil (3-6 qt) **70.** Pristine (18.5-23 oz) 75. Quash (2.5 oz) 82. Regalia (1-4 qt) INSECTS **INSECTICIDES** 2. Exirel 10 SE (10-20.5 oz) Japanese beetle 2, 23, 44, 54, 55, 59, 60, 76, 85 Woolly aphids 59, 76, 77 23. Sevin 4 F (1-2 qt) 44. Danitol 2.4 EC (10.6-16 oz) RUP 54. Aza-Direct (1.0-3.5 pt) ▲ 55. Avaunt 30 WG (3.5-6 oz) RR **59.** Actara 25 WG (3-4 oz) 60. Assail 30 SG (2.5-5.3 oz) RR 76. Admire Pro (1-2.8 oz) RR 77. Platinum 75 SG (1.66-4.0 oz) 85. Delegate 25 WG (3-6 oz) RR FALL DORMANT INSECTS **INSECTICIDES**

Woolly aphids

76, 77

76. Admire Pro (1-2.8 oz) RR 77. Platinum 75 SG (1.66-4.0 oz)

Special Problems

A few saskatoon production sites in Michigan have been diagnosed with root diseases. The pathogenic organisms were diagnosed by MSU specialists as Rhizoctonia and Phytophthora. Both are very difficult to control, involving soil moisture management and soilapplied fungicides. There are no research data on the efficacy of fungicides against these diseases on saskatoons. Based on other crops and label information, Abound or Cannonball WP are suggested for Rhizoctonia, and Ridomil is suggested for Phytophthora. Be sure to follow label instructions carefully when using these products for root zone pathogens.