

# Dormant and Delayed Dormant

## 2020 Indiana Disease Management Program for Peaches

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Application rates in the tables are based on the amount of product to apply per acre. Good coverage depends on many factors, including the type of application equipment, how well maintained it is maintained, spray volume, tree phenology, tree height, row width, target pest, tractor speed, the appropriate pesticide, and the chemical rate per acre used. For some products, the label requires minimum and/or maximum recommendations for spray volume (the amount of water to use per acre when spraying). As always, follow label precautions when tank-mixing oils, fungicides, and insecticides. **MATERIALS ARE LISTED ALPHABETICALLY, WITH GENERIC FUNGICIDES LISTED BY ACTIVE INGREDIENT.**

**Delayed Dormant-Diseases controlled and labeled rates. Apply after leaves drop in the fall or before bud scales swell and drop in the spring to minimize injury.**

Product and Formulation	FRAC Code	Bacterials Spot and Canker	Peach Leaf Curl	Phytophthora Crown Root and Collar Rot	REI	PHI	Maximum amount/ acre/ year	Max. applications/ year	Remarks	
Fixed Coppers+									Using copper at the dormant stage may reduce the overwintering inoculum of the bacteria that cause bacterial canker and bacterial spot.	
Bordeaux mixture, 8-8-10	M1	8 lb		-	24		N/A			
Champ Flowable	M1	3.5-5lb	3.5-5lb	-	48h	N/A	44pt			
Champ WG (Copper Hydroxide)	M1	3.5-5lb	3.5-5lb	-	48h	N/A	12lb			
C-O-C-S WDG	M1	12-15.6 lb	12-15.6 lb	-	48h		31	1		
Cuprofix Ultra 40 Disperse	M1	5-7.5 lb	5-7.5 lb	-	48h	N/A	40			
Kocide 3000 (Copper Hydroxide)	M1	3.5-5 lb.	3.5-5 lbs.	-	48h	N/A	53.3 lbs		Other formulations and generics available.	
Bravo WeatherStik	M5	-	1-1.75 pts	-	0	0		1		
Ferbam 76WDG	M3	-	4.5 lbs.	-						
Syllit FL	U12	-	3 pts.	-					Use 3 pints per acre just before buds swell in the spring	
Thiram	M3	-	3.5lbs	-						
Ziram 76DF	M3	-	3.75-8 lbs	-						
Ridomil Gold SL		4		E*	2d	7d	2qt./A (2.0) or 1.5 fl. oz./ 1,000 sq.f		Apply to soil in early spring before growth and in the fall after harvest but before the ground freezes. Needs rain or irrigation to move material into root zone.	
				Rate based on tree size, see label						
								Trunk Diameter at 12 inches above the soil line		Quantity of Diluted Mixture
								<1 inch		1 qt.
								1-3 inches	3 qt.	
								>5 inches	4 qt.	

1Unless otherwise noted, all rates are provided as amount to apply per acre.

Peach Pink (efficacy rating* and amount per acre)								
Product and formulation	FRAC Code	Bacterial Leaf Spot/Shot-hole	Brown Rot Blossom Blight	REI	PHI	Maximum amount/acre/year	Maximum applications/year	Remarks
Azoxystrobin: Abound, Aframe, Satori,	11	-	E** 12-15 oz	12h	30d	27.6oz	-	Begin applications at early bloom and continue through petal fall.
Bravo WeatherStik	M5		G 1- 1.75 pt	12h		20.5 pts		Make one application at popcorn (pink, red or early white bud) and a second application at full bloom.
Captan 80WDG	M4	-	G** 2.5- 5 lb	24h	0d	40 lb	8	May cause leaf spotting on tender varieties of peaches. Other formulations are available, such as 4L and 50WP. See Use of Captan Fungicide on Tree Fruit-Restricted Entry Intervals (REI), page XX
Copper Hydroxide Kocide 3000	M1	1.7 lbs.	-		48h	40 lb	N/A	As season progresses, reduce the rate of copper applied, to reduce the risk of phytotoxicity. Copper applied to tanks with a pH of less than 6.5 may result in phytotoxicity issues.
C-O-C-S WDG	M1	1-2.9 lb	F 1- 2.9 lb	24 h	--	35 lb		
Cuprofix Ultra 40 disperss	M1	1.25 lbs.	-		48h	53.3 lbs	N/A	
Elevate	17	--	E 1-1.5 lb	12h	0d	6 lb	4	Do not apply more than 2 sequential applications. Recommended for early bloom and late bloom.
Elite 45WSP	3	-	G. . 4-8 oz	12 h	0d	3 lb	-	Apply at pink, rotate do a different MOA at 50% bloom, apply Elite at petal fall if conditions are favorable for disease.
Fontelis 1.67SC	7	-	G** 16-20 oz	12h	0d	61 oz	-	Make no more than 2 sequential applications
Flint Extra	11	--	1.9-3.8	12 h	24h	15.2 oz	4	Replaced Gem 500SC.
Indar 2F	3	-	E** 6 oz	12h	24h	48oz	8	Begin applications at early red bud stage before infection occurs.
Inspire Super	3 + 9	--	E-G 16-20 oz	12h	2d	80 oz	4	Do not apply more than 2 sequential applications. i
Iprodione: Meteor, Rovral	2	--	E**. 1-2 pt	24 h	N/A		2	Apply at bud break and at full bloom. Do not apply after petal fall
Luna Experience	3+7	--	E-G** 6-10 oz	12 h	0 d	34 oz		
Luna Sensation	7 + 11	--	E**. 5-7.6 oz	12h	2d	27.1 oz	4	Do not apply more than 2 sequential applications.i
Merivon	7 + 11	--	E**. 4-6.7 oz	12h	0d	20.1 oz	3	Do not apply more than 2 sequential applications. Do not use with crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS) or MSO/OS blend adjuvants.
Pristine	7+11	--	E-G** 10.5- 14.5 oz	12h	0d	72.5 lb	5	Better deployed in later sprays due its ability to control multiple pathogens.
Propiconazole: Fitness, Orbit, Tilt	3	--	E**. 4 oz	12 h	0d	20 oz		A maximum of two sprays prior to harvest
Quadris Top	11+3	--	12-14 oz	12 h	0 d	56 fl. oz	--	The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant is recommended.
Quash	3	--	2.5-4 oz	12 h	14d	12 oz	3	
Quilt Xcel	11+3	--	14 fl oz	12 h	0d	70 fl oz	5	
Rally	3	--	2.5-6 oz		0d	3.25 lb	8	Begin at pink before infection and reapply at full bloom with a different MOA
Rhyme	3	--	7 fl oz	12 h	7 d	28 fl oz	4	
Scala	9	--	9-18 oz	12 h	2d	54 fl. oz		
Sulfur 80WG	M	--	10-30 lbs	24 h	#####			Do not use within two weeks of an oil spray treatment except for dormant, delayed-dormant or post-harvest applications with suitable oil.
Topsin 70WSB	1	--	E-P**. 1-1.5 lb	2d	1d	4 lb		An excellent fungicide if resistance isn't an issue.
Topguard	3	--	E** 14 floz.	12 hr	7 d	56 fl. oz	4	
Topguard EQ	3+11	--	E** 6-8 oz	12h	7d	32 oz	4	When used for scab, tank-mix with another fungicide from a different resistance management group. Also controls powdery mildew.

Although all these fungicides are labeled for use at this time, it is recommended that the use of systemic fungicides (FRAC code 3,7 and 11) be delayed until more leaf tissue is present and disease pressures are higher to improve management while staying within recommended application numbers per season.

Peach Bloom Draft (efficacy rating* and amount per acre)								
Product and formulation	FRAC Code	Bacterial Leaf Spot (Shothole)	Brown Rot Blossom Blight	REI	PHI	Maximum amount/acre/year	Maximum applications/year	Remarks
Azoxystrobin: Aframe, Abound, Satori,	11	-	E** 12-15 oz	12h	30d	27.6oz	-	Begin applications at early bloom and continue through petal fall.
Aframe Plus	11+3	-	E** 14 oz	12 h	0 d	70.0 fl oz	2	Stone fruit diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage
Bravo WeatherStik	M5		G 1- 1.75 pt	12h	-	20.5 pts		Make one application at popcorn (pink, red or early white bud) and a second application at full bloom.
Captan 80WDG	M4	-	G** 2.5-5 lb	24h	0d	40 lb	8	May cause leaf spotting on tender varieties of peaches. Other formulations are available, such as 4L and 50WP. See Use of Captan Fungicide on Tree Fruit- Restricted Entry Intervals (REI), page XX
Copper Hydroxide Kocide 3000	M1	1.7 lbs.	-		48h	40 lb	--	As season progresses, reduce the rate of copper applied, to reduce the risk of phytotoxicity. Copper applied to tanks with a pH of less than 6.5 may result in phytotoxicity issues.
C-O-C-S WDG	M1	1-2.9 lb	F 1-2.9 lb	24 h	--	35 lb	--	
Cuprofix Ultra 40 disperss	M1	1.25 lbs.	-		48h	53.3 lbs	--	
Elevate	17	--	E 1-1.5 lb	12h	0d	6 lb	4	Do not apply more than 2 sequential applications. Recommended for early bloom and late bloom.
Elite 45WSP	3	-	G . 4-8 oz	12 h	0d	3 lb	--	Apply at pink, rotate do a different MOA at 50% bloom, apply Elite at petal fall if conditions are favorable for disease.
Fontelis 1.67SC	7	-	G** 16-20 oz	12h	0d	61 oz	-	Make no more than 2 sequential applications
Flint Extra	11	--	E-G ** 1.9-3.8	12 h	24h	15.2 oz	4	Replaced Gem 500SC.
Indar 2F	3	-	E** 6 oz	12h	24h	48oz	8	Begin applications at early red bud stage before infection occurs.
Inspire Super	3 + 9	--	E-G 16-20 oz	12h	2d	80 oz	4	Do not apply more than 2 sequential applications. i
Iprodione: Meteor, Rovral	2	--	E**. 1-2 pt	24 h	N/A		2	Apply at bud break and at full bloom. Do not apply after petal fall
Luna Experience	3+7	--	E-G** 6-10 oz	12 h	0 d	34 oz		
Luna Sensation	7 + 11	--	E**. 5-7.6 oz	12h	2d	27.1 oz	4	Do not apply more than 2 sequential applications.i
Merivon	7 + 11	--	E**. 4-6.7 oz	12h	0d	20.1 oz	3	Do not apply more than 2 sequential applications. Do not use with crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS) or MSO/OS blend adjuvants.
Oxytetracycline: Mycoshield	Antibiotic	G 12 oz		12h	21 d	12 lb	-	If bacterial spot has been a problem, apply at 7-day intervals beginning at petal fall (<5% shuck split) through first cover.
Pristine	7+11	--	E-G** 10.5-14.5	12h	0d	72.5 lb	5	Better deployed in later sprays due its ability to control multiple pathogens.
Propiconazole: Fitness, Orbit, Tilt	3	--	E**. 4 oz	12 h	0d	20 oz		A maximum of two sprays prior to harvest
Quadris Top	11+3	--	12-14 oz	12 h	0 d	56 fl. oz	--	The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.
Quash	3	--	2.5-4 oz	12 h	14d	12 oz	3	
Quilt Xcel	11+3	--	14 fl oz	12 h	0d	70 fl oz	5	
Rally	3	--	2.5-6 oz		0d	3.25 lb	8	Begin at pink before infection and reapply at full bloom with a different MOA
Rhyme	3	--	7 fl oz	12 h	7 d	28 fl oz	4	
Scala	9	--	9-18 oz	12 h	2d	54 fl. oz		
Sulfur 80WG	M	--	10-30 lbs	24 h	--			Do not use within two weeks of an oil spray treatment except for dormant, delayed-dormant or post-harvest applications with suitable oil.
Topsin 70WSB	1	--	E-P**. 1-1.5 lb	2d	1d	4 lb		An excellent fungicide if resistance isn't an issue.
Topguard/Topguard Specialty Crop	3	--	E** 14 floz.	12 hr	7 d	56 fl. oz	4	
Topguard EQ	3+11	--	E** 6-8 oz	12h	14d	64 oz	-	When used for scab, tank-mix with another fungicide from a different resistance management group. Contains azoxystrobin: Do not use where drift may contact apples.
Vanguard	9	--	5 oz	12 h	2d	30 oz	2	Do not use with X-77 adjuvant for bloom sprays on stone fruit
Ziram	M3		4.5-8 lbs.	48 h	14 d	48.2	6	

If possible, delay the use of systemic fungicides with (FRAC code 3,7 and 11) until more leaf tissue is present and disease pressures are higher to improve management while staying within recommended application numbers per season.

Peach Petal Fall Draft (efficacy rating* and amount per acre)									
Product and formulation	FRAC Code	Bacterial Leaf Spot/Shot-hole	Brown Rot Blossom Blight	Peach Scab	REI	PHI	Maximum amount/acre/year	Maximum applications/year	Remarks
Azoxystrobin: Aframe, Satori,	Abound, 11	-	G** 6-15.5 lb/A	G** 9-15.5 lb/A	12h	30d	27.6oz	-	Begin applications at early bloom and continue through petal fall.
Aframe Plus	11+3	-	E** 14 oz	E** 14 fl oz	12 h	0 d	70.0 fl oz	2	Use sufficient water volume to provide thorough and uniform coverage
Bravo WeatherStik	M5		E. 1-1.75 pt	G 1-1.4 pt	12h	-	20.5 pts		Make one application at popcorn (pink, red or early white bud) and a second application at full bloom.
Captan 80WDG	M4	-	G** 2.5-5 lb	2.5-5 lb	24h	0d	40 lb	8	May cause leaf spotting on tender varieties of peaches. Other formulations are available, such as 4L and 50WP. See Use of Captan Fungicide on Tree Fruit-Restricted Entry Intervals (REI)
Copper Hydroxide Kocide 3000	M1	1.7 lbs.	-	-	48h	40 lb	--		As season progresses, reduce the rate of copper applied, to reduce the risk of phytotoxicity. Copper applied to tanks with a pH of less than 6.5 may result in phytotoxicity issues.
C-O-C-S WDG	M1	1-2.9 lb	F 1-2.9 lb	-	24 h	--	35 lb	--	
Cuprofix Ultra 40 dispers	M1	5-8 lb/A	F 3.75 lb/A	-	48h	45 lbs	--		
Elevate	17	--	E 1-1.5 lb	-	12h	0d	6 lb	4	Do not apply more than 2 sequential applications. Recommended for early bloom and late bloom.
Elite 45WSP	3	-	G. 4-8 oz	-	12 h	0d	3 lb	-	Apply at pink, rotate do a different MOA at 50% bloom, apply Elite at petal fall if conditions are favorable for disease.
Fontelis 1.67SC	7	-	G** 16-20 oz	-	12h	0d	61 oz	-	Make no more than 2 sequential applications
Flint Extra	11	--	E-P** 1.9-3.8	G** 2.5-3.8 fl oz	12 h	24h	15.2 oz	4	Replaced Gem 500SC.
Indar 2F	3	-	E** 6 oz	G-P** 6 fl oz	12h	24h	48oz	8	Begin applications at early red bud stage before infection occurs.
Inspire Super	3 + 9	--	E-G 16-20 oz	-	12h	2d	80 oz	4	Do not apply more than 2 sequential applications. i
Iprodione: Meteor, Rovral	2	--	E**. 1-2 pt	-	24 h	N/A		2	Apply at bud break and at full bloom. Do not apply after petal fall
Luna Experience	3+7	--	E-G** 6-10 oz	E-G. 8-10 oz	12 h	35 d	34 oz		
Luna Sensation	7 + 11	--	E** 5-7.6 oz	E-G. 5-7.6 fl oz	12h	2d	27.1 oz	4	Do not apply more than 2 sequential applications.i
Merivon	7 + 11	--	E**. 4-6.7 oz	E-G 4-6.7 fl oz	12h	0d	20.1 oz	3	Do not apply more than 2 sequential applications. Do not use with crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS) or MSO/OS blend adjuvants.
Oxytetracycline: Mycoshield	Antibiotic	12 oz	--	-					If bacterial spot has been a problem, apply at 7-day intervals beginning at petal fall (<5% shuck split) through first cover.
Pristine	7+11	--	E-G** 10.5-14.5 oz	E-G** 10.5-14.5 oz	12h	0d	72.5 lb	5	A maximum of two sprays prior to harvest
Propiconazole: Fitness, Orbit, Tilt	3	--	E**. 4 oz	-	12 h	0d	20 oz		The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.
Quadris Top	11+3	--	12-14 oz	-	12 h	0 d	56 fl. oz	--	
Quash	3	--	2.5-4 oz	-	12 h	14d	12 oz	3	
Quilt Xcel	11+3	--	14 fl oz	E-G** 14 fl	12 h	0d	70 fl oz	5	Begin at pink before infection and reapply at full bloom with a different MOA
Rally	3	--	2.5-6 oz	-		0d	3.25 lb	8	
Rhyme	3	--	7 fl oz	-	12 h	7 d	28 fl oz	4	
Scala	9	--	9-18 oz	G-P. 9-18 oz	12 h	2d	54 fl. Oz		Do not use within two weeks of an oil spray treatment except for dormant, delayed-dormant or post-harvest applications with suitable oil.
Sulfur 80WG	M	--	10-30 lbs	-	24 h	--			An excellent fungicide if resistance isn't an issue.
Topsin 70WSB	1	--	E-P**. 1-1.5 lb	-	2d	1d	4 lb		When used for scab, tank-mix with another fungicide from a different resistance management group.
Topguard/ Topguard Specialty Crop	3	--	E** 14 floz.	-	12 hr	7 d	56 fl. oz	4	
Topguard EQ	3+11	--	E** 6-8 oz	E-G**. 6-8 oz	12h	14d	64 oz	-	Do not use with X-77 adjuvant for bloom sprays on stone fruit
Topguard Specialty Crop	3		G 14 fl oz	-	12 h	7 d	56 fl oz	4	Does not contain azoxystrobin
Vanguard	9	--	G -F 5	-	12 h	2d	30 oz	2	
Ziram	M3		F 4.5-8	-	48 h	14 d	48.2	6	

Peach Shuck Split Draft (efficacy rating* and amount per acre)											
Product and formulation	Abound,	FRAC Code	Bacterial Leaf Spot/Shot-hole	Brown Rot Blossom Blight	Peach Scab	Powdery Mildew	REI	PHI	Maximum amount/acre/year	Maximum applications/year	Remarks
Azoxystrobin: Aframe, Satori,	11	-	E** 12-15 oz	9-15.5 fl oz	--	12h	30d	27.6oz	-	Begin applications at early bloom and continue through petal fall.	
Aframe Plus	11+3	-	E** 14 oz	14 fl oz	--	12 h	0 d	70.0 fl oz	2	Be sure to provide thorough and uniform coverage	
Bravo WeatherStik	M5		E. 3.1-4.1 pt	3.1-4.1 oz	--	12h	-	20.5 pts		Make one application at popcorn (pink, red or early white bud) and a second application at full bloom.	
Captan 80WDG	M4	-	G** 2.5-5 lb	2.5-5 lb	2.5-5 lbs	24h	0d	40 lb	8	May cause leaf spotting on tender varieties of peaches. Other formulations are available, such as 4L and 50WP. See Use of Captan Fungicide on Tree Fruit-Restricted Entry Intervals (REI)	
Copper Hydroxide Kocide 3000	M1	1.7 lbs.	-	--	--	48h	40 lb	N/A		As season progresses, reduce the rate of copper applied, to reduce the risk of phytotoxicity. Copper applied to tanks with a pH of less than 6.5 may result in phytotoxicity issues.	
C-O-C-S WDG	M1	1-2.9 lb	F 1-2.9 lb	--	--	24 h	--	35 lb			
Cuprofix Ultra 40 dispers	M1	1.25 lbs.	-	--	--	48h	53.3 lbs	N/A			
Elevate	17	--	E 1-1.5 lb	--	--	12h	0d	6 lb	4	Do not apply more than 2 sequential applications. Recommended for early bloom and late bloom.	
Elite 45WSP	3	-	G. 4-8 oz	--	--	12 h	0d	3 lb	-	Apply at pink, rotate do a different MOA at 50% bloom, apply Elite at petal fall if conditions are favorable for disease.	
Fontelis 1.675C	7	-	G** 16-20 oz	14-20 fl oz	14-20 fl oz	12h	0d	61 oz	-	Make no more than 2 sequential applications	
Flint Extra	11	--	1.9-3.8	2.5-3.8 fl oz	2.5-3.8 fl oz	12 h	24h	15.2 oz	4	Replaced Gem 500SC.	
Indar 2F	3	-	E** 6 oz	--	--	12h	24h	48oz	8	Begin applications at early red bud stage before infection occurs.	
Inspire Super	3 + 9	--	E-G 16-20 oz	16-20 fl oz	--	12h	2d	80 oz	4	Do not apply more than 2 sequential applications. i	
Luna Experience	3+7	--	E-G** 6-10 oz	8-10 oz	6-17 oz	12 h	35 d	34 oz			
Luna Sensation	7 + 11	--	E**. 5-7.6 oz	5-7.6 fl oz	5-7.6 fl oz	12h	2d	27.1 oz	4	Do not apply more than 2 sequential applications.i	
Merivon	7 + 11	--	E**. 4-6.7 oz	4-6.7 fl oz	4-6.7 fl oz	12h	0d	20.1 oz	3	Do not use with crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS) or MSO/OS blend adjuvants.	
Oxytetracycline: Fireline, Mycolshield	Antibiotic	12 oz	--	--	--					If bacterial spot has been a problem, apply at 7-day intervals beginning at petal fall (<5% shuck split) through first cover.	
Pristine	7+11	--	E-G** 10.5-14.5 oz	10.5-14.7 oz	10.5-14.5 oz	12h	0d	72.5 lb	5	Better deployed in later sprays due its ability to control multiple pathogens.	
Propiconazole: Fitness, Orbit, Tilt	3	--	E** 4 oz	--	--	12 h	0d	20 oz		A maximum of two sprays prior to harvest	
Quadris Top	11+3	--	12-14 oz	--	--	12 h	0 d	56 fl. oz	--	The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant is recommended.	
Quash	3	--	2.5-4 oz	3.5-4 oz	3.5-4 oz	12 h	14d	12 oz	3		
Quilt Xcel	11+3	--	14 fl oz	--	--	12 h	0d	70 fl oz	5		
Quintec 2.08F	13	--	--	--	7 fl oz	12h	7d	28 fl oz	4	May cause leaf spotting and chlorosis. If this occurs, discontinue use	
Rally	3	--	2.5-6 oz	--	2.5-6 oz	0d		3.25 lb	8	Begin at pink before infection and reapply at full bloom with a different MOA	
Rhyme	3	--	7 fl oz	7 oz	7 oz	12 h	7 d	28 fl oz	4		
Scala	9	--	9-18 oz	--	--	12 h	2d	54 fl. Oz			
Sulfur 80WG	M	--	10-30 lbs	--	--	24 h	--			Do not use within two weeks of an oil spray treatment except for dormant, delayed-dormant or post-harvest applications with suitable oil.	
Wettable sulfur 90%	M	10-30 lbs	10-30 lbs	10-30 lbs	10-30 lbs	24 h					
Topsin 70WSB	1	--	E-P**. 1-1.5 lb	1.5 lbs	--	2d	1d	4 lb		An excellent fungicide if resistance isn't an issue.	
Topguard EQ	3+11	--	E** 6-8 oz	6-8 oz	6-8 oz	12h	14d	64 oz	-	When used for scab, tank-mix with another fungicide from a different resistance management group.	
Topguard/ Topguard Specialty Crop	3		14 fl oz		14 fl oz	12 h	7 d	56 fl oz	4	Does not contain azoxystrobin	
Vanguard	9	--	5 oz	--	--	12 h	2d	30 oz	2	Do not use with X-77 adjuvant for bloom sprays on stone fruit	
Ziram	M3	--	4.5-8 lbs.	4.5-8 lbs	--	48 h	14 d	48.2	6		

If possible, delay the use of systemic fungicides with (FRAC code 3,7 and 11) until more leaf tissue is present and disease pressures are higher to improve management while staying within recommended application numbers per season.

Peach Shuck Split Draft (efficacy rating* and amount per acre)										
Product and formulation	FRAC Code	Bacterial Leaf Spot/Shothole	Brown Rot Blossom Blight	Peach Scab	Powdery Mildew	REI	PHI	Maximum amount/acre/year	Maximum applications/year	Remarks
Azoxystrobin: Aframe, Abound, Satori,	11	-	E** 12-15 oz	12-15.5 fl oz	12-15.5 fl oz	12h	30d	27.6oz	-	Begin applications at early bloom and continue through petal fall.
Aframe Plus	11+3	-	E** 14 oz	14 oz		12 h	0 d	70.0 fl oz	2	Stone fruit diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage
Captan 80WDG	M4	-	G** 2.5-5 lb	2.5-5 lbs		24h	0d	40 lb	8	May cause leaf spotting on tender varieties of peaches. Other formulations are available, such as 4L and 50WP. See Use of Captan Fungicide on Tree Fruit-Restricted Entry Intervals (REI), page XX
Copper Hydroxide Kocide 3000	M1	1.7 lbs.	-	--		48h		40 lb	N/A	As season progresses, reduce the rate of copper applied, to reduce the risk of phytotoxicity. Copper applied to tanks with a pH of less than 6.5 may result in phytotoxicity issues.
C-O-C-S WDG	M1	1-2.9 lb	F 1-2.9 lb	--		24 h	--	35 lb		
Cuprofix Ultra 40 disperss	M1	1.25 lbs.	-	--		48h		53.3 lbs	N/A	
Elevate	17	--	E 1-1.5 lb	--		12h	0d	6 lb	4	Do not apply more than 2 sequential applications. Recommended for early bloom and late bloom.
Elite 45WSP	3	-	G. 4-8 oz	--		12 h	0d	3 lb	-	Apply at pink, rotate do a different MOA at 50% bloom, apply Elite at petal fall if conditions are favorable for disease.
Fontelis 1.675C	7	-	G** 16-20 oz	14-20 fl oz	14-20 fl oz	12h	0d	61 oz	-	Make no more than 2 sequential applications
Flint Extra	11	--	1.9-3.8	2.5-3.8 fl oz	2.5-3.8 fl oz	12 h	24h	15.2 oz	4	Replaced Gem 500SC. Effective against scab. Suppresses brown rot.
Indar 2F	3	-	E** 6 oz	6 fl oz		12h	24h	48oz	8	Begin applications at early red bud stage before infection occurs.
Inspire Super	3 + 9	--	E-G 16-20 oz	16-20 fl oz	16-20 fl oz	12h	2d	80 oz	4	Do not apply more than 2 sequential applications. i
Luna Experience	3+7	--	E-G** 6-10 oz	8-10 oz	6-10 oz	12 h	0 d	34 oz		
Luna Sensation	7 + 11	--	E**. 5-7.6 oz	5-7.6 fl oz	5-7.6 fl oz	12h	2d	27.1 oz	4	Do not apply more than 2 sequential applications.i
Merivon	7 + 11	--	E**. 4-6.7 oz	4-6.7 fl oz	4-6.7 fl oz	12h	0d	20.1 oz	3	Do not apply more than 2 sequential applications. Do not use with crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS) or MSO/OS blend adjuvants.
Oxytetracycline: Fireline, Mycolshield	Antibiotic	12 oz	--	--	--					If bacterial spot has been a problem, apply at 7-day intervals beginning at petal fall (<5% shuck split) through first cover.
Pristine	7+11	--	E-G** 10.5-14.5 oz	10.5-14.5 oz	10.5-14.5 oz	12h	0d	72.5 lb	5	Better deployed in later sprays due its ability to control multiple pathogens.
Propiconazole: Fitness, Orbit, Tilt	3	--	E**. 4 oz	--	--	12 h	0d	20 oz		A maximum of two sprays prior to harvest
Quadris Top	11+3	--	12-14 oz	12-14 fl oz	12-14 fl oz	12 h	0 d	56 fl. oz	--	The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.
Quash	3	--	2.5-4 oz	3.5-4 oz	3.5-4 oz	12 h	14d	12 oz	3	
Quit Xcel	11+3	--	14 fl oz	14 fl oz	14 fl oz	12 h	0d	70 fl oz	5	
Quintec 2.08F	13	--	--	--	7 fl oz	12h	7d	28 fl oz	4	May cause leaf spotting and chlorosis. If this occurs, discontinue use
Rally	3	--	2.5-6 oz	--	2.5-6 oz		0d	3.25 lb	8	Begin at pink before infection and reapply at full bloom with a different MOA
Rhyme	3	--	7 fl oz	7 oz		12 h	7 d	28 fl oz	4	
Scala	9	--	9-18 oz	--	9-18 oz	12 h	2d	54 fl. oz		
Sulfur 80WG	M	--	10-30 lbs	--		24 h	--			Do not use within two weeks of an oil spray treatment except for dormant, delayed-dormant or post-harvest applications with suitable oil.
Wettable Sulfur 90%	M	10-30 lbs	10-30 lbs	10-30 lbs	10-30 lbs	24 h				
Topsin 70WSB	1	--	E-P**. 1-1.5 lb	--		2d	1d	4 lb		An excellent fungicide if resistance isn't an issue.
Topguard/ Topguard Specialty Crop	3	--	14 fl oz	14 fl oz	14 fl oz	12 h	7 d	56 fl oz	4	Does not contain azoxystrobin
Topguard EQ	3+11	--	E** 6-8 oz	6-8 oz	6-8 oz	12h	14d	64 oz	-	When used for scab, tank-mix with another fungicide from a different resistance management group.
Vanguard	9	--	5 oz	--	--	12 h	2d	30 oz	2	Do not use with X-77 adjuvant for bloom sprays on stone fruit
Ziram	M3		4.5-8 lbs.	4.5-8lbs		48 h	14 d	48.2	6	

Use systemic fungicides with (FRAC code 3,7 and 11) if disease pressures are high to improve management while staying within recommended application numbers per season.

Peach Harvest Draft (efficacy rating* and amount per acre)								
Product and formulation	FRAC Code	Bacterial Leaf Spot/Shot-hole	Brown Rot Blossom Blight	REI	PHI	Maximum amount/acre/Year	Maximum applications/year	Remarks
								If possible, delay the use of systemic fungicides with (FRAC code 3,7 and 11) until more leaf tissue is present and disease pressures are higher to improve management while staying within recommended application numbers per season.
Azoxystrobin: Aframe, Abound, Satori,	11	-	E** 12-15 oz	12h	30d	27.6oz	-	Begin applications at early bloom and continue through petal fall.
Aframe Plus	11+3	-	E** 14 oz	12 h	0 d	70.0 fl oz	2	Stone fruit diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage
Bravo WeatherStik	M5		E. 3.1-4.1 pt	12h	-	20.5 pts		Make one application at popcorn (pink, red or early white bud) and a second application at full bloom.
Captan 80WDG	M4	-	G** 2.5- 5 lb	24h	0d	40 lb	8	May cause leaf spotting on tender varieties of peaches. Other formulations are available, such as 4L and 50WP. See Use of Captan Fungicide on Tree Fruit- Restricted Entry Intervals (REI), page XX
Copper Hydroxide Kocide 3000	M1	1.7 lbs.	-		48h	40 lb	N/A	As season progresses, reduce the rate of copper applied, to reduce the risk of phytotoxicity. Copper applied to tanks with a pH of less than 6.5 may result in phytotoxicity issues.
C-O-C-S WDG	M1	1-2.9 lb	F 2.9 lb	1- 24 h	--	35 lb		
Cuprofix Ultra 40 disperss	M1	1.25 lbs.	-		48h	53.3 lbs	N/A	
Elevate	17	--	E 1-1.5 lb	12h	0d	6 lb	4	Do not apply more than 2 sequential applications. Recommended for early bloom and late bloom.
Elite 45WSP	3	-	G . . 4-8 oz	12 h	0d	3 lb	-	Apply at pink, rotate do a different MOA at 50% bloom, apply Elite at petal fall if conditions are favorable for disease.
Fontelis 1.675C	7	-	G** 16-20 oz	12h	0d	61 oz	-	Make no more than 2 sequential applications
Flint Extra	11	--	G** 1.9-3.8	12 h	24h	15.2 oz	4	Replaced Gem 5005C.
Indar 2F	3	-	E** 6 oz	12h	24h	48oz	8	Begin applications at early red bud stage before infection occurs. Resistance is an issue where peach are reliably produced.
Inspire Super	3 + 9	--	E-G 16-20 oz	12h	2d	80 oz	4	Do not apply more than 2 sequential applications. i
Luna Experience	3+7	--	E-G** 6-10 oz	12 h	0 d	34 oz		
Luna Sensation	7 + 11	--	E**. 5-7.6 oz	12h	2d	27.1 oz	4	Do not apply more than 2 sequential applications.i
Merivon	7 + 11	--	E**. 4-6.7 oz	12h	0d	20.1 oz	3	Do not apply more than 2 sequential applications. Do not use with crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS) or MSO/OS blend adjuvants.
Pristine	7+11	--	E-G** 10.5- 14.5 oz	12h	0d	72.5 lb	5	Better deployed in later sprays due its ability to control multiple pathogens.
Propiconazole: Fitness, Orbit, Tilt	3	--	E**. 4 oz	12 h	0d	20 oz		A maximum of two sprays prior to harvest
Quadris Top	11+3	--	12-14 oz	12 h	0 d	56 fl. oz	--	The addition of a spreading/penetrating type adjuvant such as a non-ionic based surfactant or crop oil concentrate or blend is recommended.
Quash	3	--	2.5-4 oz	12 h	14d	12 oz	3	
Quilt Xcel	11+3	--	14 fl oz	12 h	0d	70 fl oz	5	
Rally	3	--	2.5-6 oz		0d	3.25 lb	8	Begin at pink before infection and reapply at full bloom with a different MOA
Rhyme	3	--	7 fl oz	12 h	7 d	28 fl oz	4	
Scala	9	--	9-18 oz	12 h	2d	54 fl. Oz		
Sulfur 80WG	M	--	10-30 lbs	24 h	--			Do not use within two weeks of an oil spray treatment except for dormant, delayed-dormant or post-harvest applications with suitable oil.
Topsin 70WSB	1	--	E-P**. 1-1.5 lb	2d	1d	4 lb		An excellent fungicide if resistance isn't an issue.
Topguard EQ	3+11	--	E** 6-8 oz	6-8 oz	12h	14d		
Topguard EQ	3+11	--	E** 6-8 oz	12h	14d	64 oz	-	When used for scab, tank-mix with another fungicide from a different resistance management group. Contains azoxystrobin: Do not use where drift may contact apples.
Vanguard	9	--	5 oz	12 h	2d	30 oz	2	Do not use with X-77 adjuvant for bloom sprays on stone fruit
Ziram	M3		4.5-8 lbs.	48 h	14 d	48.2	6	