

**Arapaho Citrus Management, Inc.
Minneola Tangelo Spray Program**

App #	Application	Timing	Material	Rate/A	Unit	Young Tree		Target	1-3 Yr Trees
						Water/A	Rate/100 Gal		
1	Emerging Spring Flush	1/4 - 2/3 Flush Emergence	Headline		12 oz	250	5 oz	Alternaria	Y
			Danitol 2.4 EC		1 pt		3 oz		
2	Full Petal Fall	80% Flowers Petal Fall	Ferbam Granuflo		5 lbs	250	NA	Alternaria	N
3	1st Postbloom	3-4 weeks after petal fall or Previous Spray	Kocide 2000		4 lbs	250	2 lbs	Alternaria, Mites, Leafminers	Y
			Arapaho Mix		12.5 lbs		5 lbs		
			Nitro 30		1 gal		2 qt		
			Micromite 80WGS		6.25 oz		3 oz		
			SAR Activator		1 pint		0.5 pint		
4	2nd Postbloom	3 weeks after 1st Postbloom	Lexxaphos		2.5 gal	125	2 gal		Y
5	3rd Postbloom	3 weeks after 2nd Postbloom	Headline		12 oz	125	5 oz	Alternaria	N
			FC435 Spray Oil		4 gal		3 gal		
			Movento MPC		16 oz		6 oz		
6	4th Postbloom	3 weeks after 3rd Postbloom	Lexxaphos		2.5 gal	125	2 gal		Y
			SAR Activator		1 pint		0.5 pint		
7	1st Summer	3-4 weeks after 4th Postbloom	Kocide 2000		4 lbs	250	2 lbs	Alternaria	N
			Arapaho Mix		12.5 lbs		5 lbs		
			Nitro 30		1 gal		2 qt		
8	Late Summer Oil	Full Expansion of Summer Flush	FC435 Spray Oil		5 gal	250	1 gal	Alternaria Leafminer	Y
			Arapaho Mix		12.5 lbs		5 lbs		
			Nitro 30		1 gal		2 qt		
			ABBA .15		10 oz		5 oz		
9	Early Fall	Full Expansion of Fall Flush	Arapaho Mix		12.5 lbs	125	5 lbs		Y
			Nitro 30		1 gal		2 qt		
			<i>Optional</i> Envidor 2SC		13 oz				
			<i>Optional</i> Kumulus		15 lbs				

Arapaho Citrus Management, Inc.
HLB Spray Program
Temple, Robinson, Dancy, Page, Nova

App #	Application	Timing	Material	Rate/A	Unit	Water/A	Young Tree		Target	1-3 Yr Trees
							Rate/100 Gal	Unit		
1	Jan-Feb	Dormant	Danitol 2.4 EC		1 pint	125	0.5	pint	ACP	N
2	Full Petal Fall	80% Flowers Petal Fall	Ferbam Granuflo		5 lbs	250	NA		Scab, Alternaria	N
3	1st Postbloom	3-4 weeks after petal fall or Previous Spray	Kocide 2000		4 lbs	250	2	lbs	Mites Diaprepes	Y
			Arapaho Mix		12.5 lbs		5	lbs		
			Nitro 30		1 gal		2	qt		
			Micromite 80 WGS		6.25 oz		2.50	oz		
			SAR Activator		1 pint		0.5	pint		
4	2nd Postbloom	3 weeks after 2nd Postbloom	Lexxaphos		2.5 gal	125	2	gal		Y
5	1st Summer	3-4 weeks after 3rd Postbloom Full Flush Expansion	Kocide 2000		4 lbs	250	2	lbs	Mites Leaf Miner	Y
			Arapaho Mix		12.5 lbs		5	lbs		
			Nitro 30		1 gal		2	qt		
			FC 435 Spray Oil		3 gal		1	gal		
			Agri-Mek .15EC		10 oz		5	oz		
			SAR Activator		1 pint		0.5	pint		
6	Fall Miticide	3 Weeks after first summer	Lexxaphos		2.5 gal	125	2	gal	Mites	N
			Envidor 2 SC		13 oz		10	oz		
7	Fall Nutritional	Full Flush Expansion	Arapaho Mix		12.5 lbs		2	lbs		Y
			Nitro 30		1 gal		2	qt		
8	Supplemental Fall	As Needed	Kumulus 80 DF		15 lb	125	N/A		Mites	N

Arapaho Citrus Management, Inc.
HLB Spray Program
Navel, Red Navel, Valencia, Ortanique Oranges

App #	Application	Timing	Material	Rate/A	Unit	Water/A	Young Tree		Target	1-3 Yr Trees
							Rate/100 Gal	Unit		
1	Jan-Feb	Dormant	Danitol 2.4 EC		1 pint	125	0.5	pint	Psyllids	N
2	Spring Flush	Full Flush Expansion	Arapaho Mix	12.5 lbs		125	5	lbs	Leafminer	Y
			Nitro 30	1 gal			2	qt	Diaprepes	
			Micromite 80 WGS	6.25 oz			2.50	oz		
3	1st Postbloom	3 weeks after 1st Postbloom	Lexxaphos	2.5 gal		125	2	gal		Y
			SAR Activator	1 pint			0.5	pint		
4	2nd Postbloom	Late April	Kocide 2000	4 lbs		250	2	lbs	Melanose	Y
			Envidor 2 SC	15 oz			8	oz		
5	Summer Oil	Full Flush Expansion	FC 435 Spray Oil	2.5 gals		250	1	gal	Leafminer	Y
			Arapaho Mix	12.5 lbs			5	lbs	Greasy Spot	
			Nitro 30	1 gal			2	qt		
6	Supplemental	3 weeks after Summer Oil	Lexxaphos	2.5 gal		125	2	gal		Y
			SAR Activator	1 pint			0.5	pint		
7	Fall Nutritional	Full Expansion of Fall Flush	Arapaho Mix	12.5 lbs		125	2	lbs		Y
			Nitro 30	1 gal			2	qt		
8	Fall Miticide	As needed	Kumulus 80 DF	15 lbs		125	N/A		Mites	N

Arapaho Citrus Management, Inc.
HLB Spray Program
Mature Grapefruit

App #	Application	Timing	Material	Rate/A	Unit	Young Tree		Target	1-3 Yr Trees
						Water/A	Rate/100 Gal		
1	Jan-Feb	Dormant	Danitol 2.4 EC		1 pint	125	0.5 pint	Psyllid	N
2	Emerging Spring Flush	1/4 - 2/3 Flush Emergence	Delegate WG FC 435 Spray Oil		6 oz 5 gals	250	3 oz 2 gal	Leafminer	N
3	Spring Flush	Full Flush Expansion	Arapaho Mix Nitro 30 Kocide 2000 SAR Activator Micromite 80 WGS		12.5 lbs 1 gal 4 lbs 1 pint 6.25 oz	250	1 lbs 2 qt 2 lbs 0.5 pint 2.50 oz	Canker Mites Diaprepes	Y
4	1st Postbloom	3-4 weeks after petal fall or Previous Spray	Kocide 2000 K Phos Nitro 30		4 lbs 2 gals 1 gal	250	2 lbs 1 gal 2 qt	Canker	N
5	2nd Postbloom	3 weeks after 1st Postbloom	Kocide 2000 K Phos Nitro 30 SAR Activator		4 lbs 2 gals 1 gal 1 pint	250	2 lbs 1 gal 2 qt 0.5 pint	Canker	Y
6	Summer Flush Leafminer	3 weeks after 2nd Postbloom Summer Flush 1/4 emerged	Kocide 2000 Portal		4 lbs 64 oz	250	2 lbs 32 oz	Canker	N
7	1st Summer	Full Flush Expansion	Enable 2F Arapaho Mix Nitro 30 Envidor 2 SC SAR Activator		4 lbs 12.5 lbs 1 gal 13 oz 1 pint	125	2 lbs 1 lbs 2 qt 10 oz 0.5 pint	Greasy Spot	Y
8	2nd Summer	4 weeks after 1st Summer	Headline K Phos		12 oz 2 gals	125	2 oz 2 gal	Greasy Spot	Y
9	Fall Leafminer	Fall Flush 1/4 emerged	Intrepid 2F FC 435 Oil		8 oz 5 gals	250	4 oz 2 gals	Leafminer	N
10	Fall Nutritional	Full Expansion of Fall Flush	Arapaho Mix Nitro 30		12.5 lbs 1 gal		0 lbs 2 qt		Y
11	Fall Miticide	As needed							N

Arapaho Citrus Management, Inc.
HLB Spray Program
Basic Program - All Options

Application	Timing	Material	Rate/A	Unit	Water/A	Young Tree	
						Rate/100 Gal	Unit
Jan-Feb	Dormant	Danitol 2.4 EC		1 pint	125	0.5	pint
Emerging Spring Flush	1/4 - 2/3 Flush Emergence	Headline		12 oz	250	5	oz
Full Petal Fall	80% Flowers Petal Fall	Ferbam Granuflo		5 lbs	250	NA	
Spring Flush	Full Flush Expansion	Arapaho Mix		12.5 lbs		5	lbs
		Nitro 30		1 gal		2	qt
1st Postbloom	3-4 weeks after petal fall or Previous Spray	Copper		4 lbs	250	2	lbs
		Arapaho Mix		12.5 lbs		5	lbs
		Nitro 30		1 gal		2	qt
2nd Postbloom	3 weeks after 1st Postbloom	Headline		12 oz	125	5	oz
		Lexxaphos		2.5 gal		2	gal
3rd Postbloom	3 weeks after 2nd Postbloom	Lexxaphos		2.5 gal	125	2	gal
1st Summer	3-4 weeks after 3rd Postbloom	Copper		4 lbs	125	2	lbs
		Arapaho Mix		12.5 lbs		5	lbs
		Nitro 30		1 gal		2	qt
2nd Summer	4 weeks after 1st Summer	Headline		12 oz	125	5	oz
		Lexxaphos		2.5 gal		2	gal
Summer Oil	Full Expansion of Summer Flush	FC435 Spray Oil		2.5 gal	250	1	gal
Fall Miticide	As needed						