



**Fafard is a leading producer and supplier of Canadian Sphagnum Peat Moss, Professional Soilless Growing Mixes, Retail Soils, and Landscape Bark Products. American Clay Works has maintained a long standing relationship with Fafard and believes their products to be some of the best available.**

Fafard routinely provides a balanced water-soluble nutrient starter charge to all its media. Our nutrient starter charge provides a dilute, balanced nutritional environment for seed germination and/or early seeding growth. In our peat media our nutrient starter charge will provide sufficient fertility for 7 - 14 days. However, we do recommend grower application of a dilute complete fertilizer at 50 -100ppm at wet down or immediately after plant germination or transplanting. For sub-irrigation systems, we recommend that you test a sample of the mix being considered to determine its suitability for your particular application.

**Fafard Growing Mixes - Compressed Bales**

**Features**

- Custom blending available
- 30- 3.8 cu.ft. bales per pallet
- Quantum XL (55 cu. ft. bales compressed @ 2.25 to 1) available for these mixes
- Can be combined on the same truck with Peat Moss, Cedar Mulch and Retail Soils from Canada.



**Mixes and Amendments**

	<b>Growing Mix # 1-P</b>	<b>Growing Mix # 2</b>	<b>Growing Mix #F-15</b>
<b>Characteristics</b>	•General purpose	•General purpose	•General purpose
	•Economical	•Economical	•Economical
	•Good air space	•Good air space	•Good air space
	•Good drainage	•Good drainage	•Good drainage
<b>Bulk Density Per C/F</b>	8 - 10 lbs.	8 - 10 lbs.	8 - 10 lbs.
<b>pH Range After Wetting</b>	5.5 - 6.5	5.5 - 6.5	5.5 - 6.5
<b>Bale Size</b>	3.8 cubic foot	3.8 cubic foot	3.8 cubic foot
<b>Bale Yield</b>	7.5+ cubic foot	7.5+ cubic foot	7.5+ cubic foot
<b>All Contain Wetting Agent</b>	Peat Moss	Peat Moss	Peat Moss
<b>And Starter Nutrients</b>	Perlite	Perlite	Perlite
		Vermiculite	
<b>* Suitability</b>	Flowering Plants	Flowering Plants	Flowering Plants
<b>depends on amount</b>	Hanging Baskets	Hanging Baskets	Hanging Baskets
<b>of aggregate added</b>	Foliage	Foliage	Foliage
	Cuttings	Cuttings	Cuttings
	Seed Germination	Seed Germination	Seed Germination
	Interiorscape	Interiorscape	Interiorscape
<b>Code:</b>	<b>FPGM#1P</b>	<b>FPGM#2</b>	<b>FPGMF15</b>

## Fafard Bagged Mixes

### Features

- May be combined on the same truck with Fafard Professional Retail Products
- Custom blends available



	Germinating Mix	Mix # 4-P	Mix # 52
<b>Characteristics</b>	•Fine texture	• Medium texture	• Coarse
	•Good drainage	• Good capillary action	• Excellent drainage
	•Good water holding capacity	• Excellent general purpose mix	• Good air space
<b>Bulk Density Per C/F</b>	9 - 12 lbs.	12 - 15 lbs.	17 - 20 lbs.
<b>pH Range After Wetting</b>	5.5 - 6.5	5.5 - 6.5	5.5 - 6.5
<b>Bale Size</b>	2.8 and 60 C/F	2.8 and 60 C/F	2.8 and 60 C/F
<b>2.8 CF Bags Per Pallet</b>	48	48	42
<b>Sphagnum peat moss</b>	Yes	Yes	Yes
<b>Horticultural perlite</b>	Yes ( Fine )	Yes	Yes
<b>Horticultural vermiculite</b>	Yes	Yes	Yes
<b>Processed Bark</b>	No	Yes	Yes
<b>Wetting agent</b>	Yes	Yes	Yes
<b>Starter nutrients</b>	Yes	Yes	Yes
<b>Seeds</b>	Best	Yes	Yes
<b>Plugs</b>	Best	No	No
<b>Cuttings</b>	Yes	Yes	Yes
<b>Flowering plants</b>	Yes	Yes	Yes
<b>Bedding plants</b>	Yes	Yes	Yes
<b>Hanging Baskets</b>	Yes	Yes	Yes
<b>Foliage</b>	Yes	Yes	Yes
	No	Yes	Yes
<b>Code</b>	<b>FSP3CF</b>	<b>FPM#4P</b>	<b>FPM#52</b>

## Fafard Peat Moss

Canadian Sphagnum Peat Moss helps create an ideal soil for plant life. It has been considered far superior to all other forms of peat moss, and Fafard has been known as the quality leader in the industry since 1932.

- New lawns
- Lawn repair
- Shrubs and trees
- Vegetable gardens
- Flower gardens
- Mulching
- Add organic matter
- Lighten and aerate clay soil
- Give body to sandy soil
- Increase fertilization retention

- 95% organic
- Ash content not over 5 %
- pH 3.4 to 4.4
- Approximate weight 75 lbs per 3.8 cu.ft. bale
- Moisture content 35 to 55 %
- Absorption : 12 times its dry weight

Size C/F	Yield C/F	Quantity/Plt	Code
1.1	1.75	100	<b>FPM1CF</b>
2.2	3.75	50	<b>FPM2CF</b>
3.8	7.5	30	<b>FPM3.8CF</b>
55	125	2	<b>FPM55CF</b>

## Fafard Coir Mixes

A New Twist To 3 Proven Winners! Not all coir mixes make the grade. Fafard has done the research and testing needed to make sure we can deliver the very best in effectiveness with our coir mixes. First we tested coir samples from various suppliers to determine the best quality. Then we devised a method of processing highly-compressed coir into a usable form. Finally, we conducted growth trials to determine the best use of coir in our mixes. We found that the best results were obtained when we used coir as an additive in combination with peat moss, not as a substitute ingredient, and can now offer you three of our most popular mixes with coir.

### NO. 2C With Coir

Contains Canadian sphagnum peat moss, coir, vermiculite and perlite along with wetting agent, starter fertilizer, gypsum and dolomitic limestone.

**NO. 2C 3 C/F Code: FPM#2C**

**Also available in 60 C/F bags.**

### NO. 3BC With Coir

Contains Canadian sphagnum peat moss, processed pine bark, coir, and perlite along with wetting agent, starter fertilizer, gypsum and dolomitic limestone.

**NO. 3BC 3 C/F Code: FPM#3BC**

**Also available in 60 C/F bags.**

### NO. 4C With Coir

Contains Canadian sphagnum peat moss, processed pine bark, coir, and vermiculite along with wetting agent, starter fertilizer, gypsum and dolomitic limestone.

**NO. 4C 3 C/F Code: FPM#4C**

**Also available in 60 C/F bags.**



### Features

- Excellent total porosity and air porosity.
- Improved root growth over comparable CSP mix.
  - Wets out readily.
- Media made with this product have been shown to have lower/no algae in comparison to comparable CSP products.
  - Known acceptable sources show consistent product.
  - Better water holding capacity than CSP.
- Cost parity with Hort Grade CSP; Significantly less expensive than the majority of the CSP used at Scotts (rough estimates by Lorel Au, based on outturn).
- Some sources are high in soluble salts, especially sodium, chloride, and potassium.
  - To date, only a few vendors have acceptable product.
- Needs different handling as opposed to CSP (adds to handling during production, but only slightly).
  - Essentially sterile.
- Provides excellent plant growth with proper combinations and feed programs.
  - Quickly Renewable Resource.
  - Not as well researched as CSP Moderate pH level.
  - Can be combined with various other raw materials.

**Mixes and Amendments**

## Fafard Specialty Mixes

Description	Code
Fafard #2-SV	F2-SV
Fafard #2-V	F2-V
Fafard Peatlite	FPEATLITE

American Clay Works now stocks three custom potting mixes from Fafard. These mixes are #2-V, #2-SV and Peat Lite. All are fine grade soil, perfect for seedlings and plugs. #2-sV contains fine vermiculite, and the #2-V contains vermiculite and perlite. All contain a starter charge, wetting agent and Fafard's canadian Peat Moss. This mixes have been blened by request of American Clay Works and all have different ammendment ratios. To find out more about these mixes please contact American Clay Works.

## More about Fafard Soils

### Lightweight Mixes

Fafard routinely provides a balanced water-soluble nutrient starter charge to all its media. Our nutrient starter charge provides a dilute, balanced nutritional environment for seed germination and/or early seedling growth.

Lightweight mixes include Germination Mix, Peat Lite, #2-V and #2-SV

### Middleweight Mixes

Fafard routinely provides a balanced water-soluble nutrient starter charge to all its media. Nitrogen should be supplied to bark mixes primarily as nitrate nitrogen. We suggest rotating any complete water soluble general purpose fertilizer with calcium nitrate.

Middleweight mixes include #4-P, one of our most popular soil products.








### Heavyweight Mixes

Fafard routinely provides a balanced water soluble nutrient starter charge to all its media. Nitrogen should be supplied to bark mixes primarily as nitrate nitrogen. We suggest rotating any complete water soluble general purpose fertilizer with calcium nitrate.

Heavyweight mixes include Mix #52.

# How Much Fafard You'll Need to Fill

Mixes and Amendments

		Container	per cubic foot	3.8 cubic foot compressed bale	2.8 cubic foot bag	
Round Pots:		2 1/4'	260	1853	780	
		3"	121	862	363	
		4"	45	320	135	
		5"	25	175	75	
		6"	15	104	45	
		8"	5.5	40	16	
		10"	3	20	9	
		12"	2	14	6	
Square Pots:		2 1/2"	356	2494	1068	
		3"	127	904	381	
		4"	58	414	174	
Azalea Pots:		4"	63	448	189	
		5"	31	220	93	
		6"	18	128	54	
		6 1/2"	15	106	45	
		8"	7	50	21	
		10"	4	28	12	
Hanging Baskets:		6"	20	142	60	
		8"	10	71	30	
		10"	5	35	15	
Geranium Pots:		4 1/2"	40	285	120	
Flats:		11" x 21" 804	5.9	41	18	
		11" x 21" 806	7.1	50	21	
		11" x 21" 1203	5.9	41	18	
		11" x 21" 1204	6.7	48	20	
		11" x 15" 601	5.9	41	18	
		12" x 14" 806	7.7	55	23	
Plug Trays:		52 Square	9	64*	-	
		72 Square	14.2	100	-	
		72 Round	16.5	118	-	
		128 Round	9.7	69	-	
		200 Round	19	135	-	
		288 Square	16.5	118	-	
		288 Round	16.5	118	-	
		*Germinating Mix -	392 Round	18.3	130	-
			406 Square	16.5	118	-
		Quantities listed are approximate	406 Round	18	128	-
	512 Round	15	106	-		

## Miscellaneous Mixes and Ammendments

### Fafard Professional Potting Mix and Other Retail Mixes

Description	Code
Professional Potting Mix 10 qt. (8 per bale)	FFPM10
Professional Potting Mix 20 qt.	FFPM20
Professional Potting Mix 40 qt.	FFPM40
Professional Potting Mix 64 qt	FFPM64
Fafard Container Mix 32 qt	FCCM32
Fafard Organic Soil Conditioner 40 qt	FPOSC

This lightweight formula has been pH adjusted and combines Canadian sphagnum peat moss, processed pine bark, vermiculite and perlite for excellent drainage and great results. Blended for professional growers, this all-purpose mix can be used from starting seeds to growing on. Available in 10, 20, 40 and 64 qt. sizes. Other retail soils available include the Complete Potting Mix with an .18-.6-.12 NPK slow release fertilizer and the Organic Soil Conditioner gardeners that want to add organic matter back into their existing topsoil.

#### Fafard Retail Vermiculite and Perlite

Packaged 8 per bale in 8 quart bags Fafard Retail Vermiculite and Perlite products come in attractive packaging and are sized for retail consumers to use in home gardening.

Code: FPPPVER-8 Fafard Vermiculite  
Code: FPPER-8 Fafard Perlite

**Other Retail Fafard Mixes** are available upon request including an African Violet Mix, Cactus Mix, Orchid Mix and Clay Buster. Please contact American Clay for sizes and quantities.



#### Vermiculite

Vermiculite is a mica-type mineral. The ore is heated to above 1,400 F and thus is sterile. Heating causes expansion into accordion-like particles capable of holding considerable plant-available air, water, and nutrients. Vermiculite is characterized as having high water-holding capacity and good buffering characteristics while possessing adequate cation exchange capacity. It has an absorptive capacity for fertilizer. The mineral itself contains potassium, magnesium, and calcium available as a slow release supply.

Use as a medium for seed germination or cutting propagation and as a seed covering. Combined with soil and/or other inert ingredients to make soil or soilless mixes.

4 C/F #1A Code: TL12-01-1 -01A  
4 C/F #2 Code: TL12-02-1-02  
4 C/F #3 Code: TL12-01-1-02

#### Perlite

Perlite is a heat expanded volcanic mineral specially processed for horticultural use. Perlite contains a network of air spaces which provide excellent drainage and space for needed oxygen to get to the plant roots. It is an especially effective medium for loosening heavy, clay soils. Colorado Perlite is manufactured by Persolite Products Company. Coarse grind, No. 6, coarser than 6 mesh. Fine grind, No. 8 coarser than 8 mesh but finer than 6 mesh. (Mesh refers to the number of openings per linear inch in a wire mesh screen). Weight approximately 21 lbs. per bag for No. 6 and 31 lbs. per bag for No. 8.

#6 - 4 C/F Code: PPIPER64CF  
#8 - 4 C/F Code: PPIPER84CF

#### Long Fiber Sphagnum Moss for Wire Baskets

Un-milled Sphagnum Moss provides an extra long fiber ideal for wire baskets. Long fiber moss also provides an excellent media for worms and night crawlers with a great moisture holding capacity.

3.5 Cubic Foot Bale Code: DLBFM

#### Organic Bark Mulch (40 lb. Bag)

Composted Bark Mulch is an excellent amendment to any media. Bark mulch improves water percolation, provides better aeration and helps break up heavy clay soils. Bark mulch is inexpensive for both greenhouse and landscape.

Composted Bark Mulch Code: WAPBM2CF

## CONVERSION TABLE FOR SOILS, MIXES & AMENDMENTS

*These figures should be treated as approximations. Soil volumes may vary, depending upon the type of soil involved and the packing methods used. Actual pot dimensions will vary from one manufacturer to another.*

POT	APPROX. DIMENSIONS TOP / DEEP / BOTTOM	POT PER CU. FT. OF MIX	GERANIUM POTS		
	<b>AZALEA POTS</b>		3 1/2"	3 1/4" x 3" x 2 3/8"	96
			4"	3 15/16" x 3 7/16" x 2 7/8"	56
			4 1/4"	4 1/4" x 3 9/16" x 3 1/8"	50
			4 1/2"	4 3/8" x 3 7/8" x 3"	44
4"	4" x 2 13/16" x 3"	56			
4 1/2"	4 1/2" x 3 3/8" x 3 1/4"	44			
5"	5" x 3 13/16" x 3 9/16"	28			
5 1/2"	5 1/2" x 4 1/4" x 3 7/8"	24			
6"	6" x 4 5/8" x 4 1/4"	18			
6 1/2"	6 1/2" x 5" x 4 9/16"	16			
7"	6 7/8" x 5 3/8" x 5 1/16"	12			
7 1/2"	7 3/8" x 5 11/16" x 5 3/8"	10			
8"	8 1/8" x 5 7/8" x 6"7	7			
8 1/2"	8 1/2" x 6 1/4" x 6 1/4"	6			
10"	9 7/8" x 7 3/8" x 7 1/4"	4			
	<b>SQUARE POTS</b>				
2 1/4"	1 15/16" x 1 7/8" x 1 1/2"	357			
2 1/2"	2 3/8" x 1 15/16" x 1 7/8"	224			
3"	2 3/4" x 2 1/4" x 2 1/8"	128			
3 1/2"	3 1/4" x 2 3/4" x 2 1/2"	96			
4"	3 5/8" x 3 1/8" x 2 7/8"	56			
4 1/2"	4 1/8" x 3 5/8" x 3 1/4"	40			
	<b>STANDARD ROUNDS</b>				
2 1/4"	2 1/4" x 2 1/16" x 1 3/4"	256			
2 1/2"	2 3/8" x 2 1/4" x 2"	208			
3"	3" x 2 13/16" x 2 1/4"	120			
3 1/2"	3 3/8" x 3 3/16" x 2 3/8"	80			
4"	4" x 3 7/8" x 2 3/4"	48			
4 1/2"	4 3/8" x 4 3/8" x 3"	40			
5"	5" x 3 1/2" x 4 15/16"	28			
5 1/2"	5 1/2" x 5 3/8" x 3 13/16"	20			
6"	6" x 5 3/4" x 4 1/16"	16			
7"	6 3/4" x 6 3/4" x 4 11/16"	10			
8"	7 5/8" x 7 3/4" x 5 3/8"	6			
10"	9 7/8" x 9 3/4" x 6 7/8"	3			
			<b>FLATS</b>	<b>DIMENSIONS</b>	<b>1 CU. FT OF SOIL WILL FILL</b>
				<b>FLATS</b>	
			AF Standard	11 1/2" x 2 1/4" x 2 1/4"	4.6
			MF Standard	9 5/8" x 18 7/8" x 2 1/2"	5.3
			Germination	11 1/2" x 21 1/4" x 1 1/8"	7
			20 Row Seeding Tray	11 1/2" x 21 1/4" x 1 1/8"	11
				<b>CELL PAKS</b>	
			AC- 4/8	2 3/8" x 2 3/8" x 2 1/4"	5.6
			AC- 6/8	1 1/2" x 2 3/8" x 2 1/4"	6
			AC- 6/10	1 3/4" x 1 1/2" x 2 1/4"	5.4
			AC- 6/12	1 1/2" x 1 1/2" x 2 1/4"	9.2
			AC- 4/18	1 1/2" x 1 1/2" x 2 1/4"	9.2

### COVERAGE ESTIMATES

Thickness	4 Cu. Ft. Perlite	6 Cu. Ft. Can. Peat (12 Cu. Ft. Loose)	1 Cubic Yard Peat Mulches, Topsoil, etc.
2 Inches	24 Sq. Ft.	72 Sq. Ft.	162 Sq. Ft.
1 Inch	48 Sq. Ft.	144 Sq. Ft.	324 Sq. Ft.
1/2 Inch	96 Sq. Ft.	288 Sq. Ft.	648 Sq. Ft.
1/4 Inch	192 Sq. Ft.	576 Sq. Ft.	1296 Sq. Ft.

Mixes and Amendments