

# L.D. OLIVER SEED CO., INC.

## WHOLESALE PRICE LIST



EST. 1971



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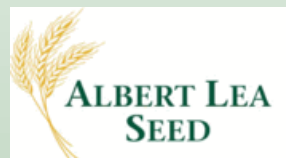
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**L.D. Oliver Seed Co. Inc. has a complete assortment of turf, forage and grain products. We select top quality varieties which have proven to grow well in the Northeast region. Our Catamount Seed mixes incorporate the best performing varieties to meet our customers' high expectations. In addition to our mixes, we maintain a vast assortment of top quality, straight seed, including the newest varieties. (Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue, Tall Fescue, etc.).**

**Check out the following links for information on the high quality, straight seed varieties:**

**Albert Lea Seed:**

[www.alseed.com](http://www.alseed.com)



**Brett Young:**

[www.brettyoung.ca](http://www.brettyoung.ca)



**Columbia Seeds:**

[www.columbiaseeds.com](http://www.columbiaseeds.com)



**Bailey Seed:**

[www.baileyseed.com](http://www.baileyseed.com)



**Grassland Oregon:**

[www.grasslandoregon.com](http://www.grasslandoregon.com)



**Mountain View:**

[www.mtviewseeds.com](http://www.mtviewseeds.com)



**Turf Merchants:**

[www.turfmerchants.com](http://www.turfmerchants.com)



# **CATAMOUNT TURF SEED MIXES**

## **CONSERVATION MIX (VT Conservation)**

Suitable for a wide range of applications from a home lawn to a woods road. Diverse blend of turf seed designed to handle whatever comes its way. Germinates in 5-21 days.

35% Creeping Red Fescue  
25% Turf Type Tall Fescue  
15% Annual Ryegrass  
12% Perennial Ryegrass  
10% 85/80 Kentucky Bluegrass  
3% Haifa White Clover

Suitable soil type- All  
Available sizes: 3lb, 7lb, 25lb, & 50lb

## **CONTRACTOR'S MIX**

Economical choice for home lawns and new construction. Will be at its best in year 2 and beyond of establishment. Germinates in 5-14 days.

30% Creeping Red Fescue  
30% Tall Fescue  
30% Annual Ryegrass  
10% Perennial Ryegrass

Suitable soil type- All  
Available sizes: 25lb & 50lb

## **CATAMOUNT MIX**

A dark green, thick lawn mix that will have you wanting to be barefoot when walking on it. This is a personal favorite of our staff. Germinates in 7-21 days.

50% Improved Tall Fescue  
30% Improved Perennial Ryegrass  
20% 98/85 Kentucky Bluegrass

Suitable soil type- Good to Excellent  
Available sizes: 3lb, 7lb, 25lb, & 50lb

## **FAST ESTABLISHMENT**

Rapid germination, with medium to dark green color once fully established. Diverse blend, aesthetically pleasing. Germinates in 5-21 days.

25% Improved Perennial Ryegrass  
25% Improved Perennial Ryegrass  
15% Chewings Fescue  
15% Improved Kentucky Bluegrass  
10% Turf Type Tall Fescue  
10% Annual Ryegrass

Suitable soil type- Fair to Excellent  
Available sizes: 3lb, 7lb, 25lb, & 50lb

## **GREEN MOUNTAIN SPECIAL**

For a show piece lawn, look no further. Dark green, thick and beautiful. Your neighbors will be "green" with envy. Germinates in 7-21 days.

40% Improved Perennial Ryegrass  
30% Creeping Red Fescue  
30% 85/80 Kentucky Bluegrass

Suitable soil type- Good to Excellent  
Available sizes: 3lb, 7lb, 25lb, & 50lb

## **PLAYGROUND MIX**

Designed for medium to heavy traffic areas. Fantastic wear tolerance and durability. Germinates in 5-21 days.

35% Creeping Red Fescue  
25% Perennial Ryegrass  
20% Chewings Fescue  
10% 85/50 Kentucky Bluegrass  
10% Annual Ryegrass

Suitable soil type- Fair to Excellent  
Available sizes: 3lb, 7lb, 25lb, & 50lb

**\*\*Unless noted, recommended seeding rate is 4 to 5 pounds per 1,000 sq.ft.\*\***

## **PREMIER SHADE & SUN**

Blended with top rated varieties for sun or shade situations. Creates a deep root system and has high drought tolerance. Germinates in 7-21 days.

25% Improved Red Fescue  
25% Chewings Fescue  
25% Improved Perennial Ryegrass  
15% Improved Hard Fescue  
10% Annual Ryegrass

Suitable soil type- Good to Excellent  
Available sizes: 3lb, 7lb, 25lb, & 50lb

## **SANDY SOIL MIX**

Specifically designed for marginal soil types. Has deep rooted properties to seek out nutrients and water. Germinates in 5-14 days.

40% Improved Red Fescue  
25% Improved Tall Fescue  
20% Improved Perennial Ryegrass  
10% Annual Ryegrass  
5% Dutch or Huia White Clover

Suitable soil type- Poor to Good  
Available sizes: 3lb, 7lb, 25lb, & 50lb

## **SHORTY MIX**

Slower germination, but good shade and drought tolerant varieties.

40% Hard Fescue  
30% Perennial Ryegrass  
30% Named Kentucky Bluegrass

Suitable soil type – Moderate to Excellent  
Available sizes: 25lb & 50 lb.

## **STATE OF VERMONT MIXES**

*(Certified)*

VT AOT Low Grow Mix  
VT AOT Rural Conservation Mix  
VT AOT Urban Conservation Mix

Available size: 50lb

## **BANK MIX**

A fast germinating, coarse-seeded mix well suited for sites with minimum preparation. As its name implies, for use on banks and other high erosion sites. Seed at 112 lbs. per acre.

87% Winter Rye  
5% Creeping Red Fescue  
4% Perennial Ryegrass  
4% Medium Red Clover

Available size: 50 lb.

## **HORSE LAWN**

Want to let your horses graze on your lawn? Use this endophyte-free lawn mix. Seed at 5-6# per 1000 sq. ft.

40% Duo Festulolium  
25% Creeping Red Fescue  
20% Kentucky Bluegrass  
10% Feast II Annual Tetraploid Ryegrass  
5% Highland Bentgrass

Available sizes: 25lb & 50 lb.

## **NEW HAMPSHIRE SLOPE 44**

Provides quick cover and dense sod for establishing slopes and controlling erosion. Will tolerate acidic soils with medium fertility, and prefers well drained conditions. Not recommended for grazing or forage. Seed at 60 lbs. per acre.

43% Creeping Red Fescue  
33% Perennial Ryegrass  
8% Redtop  
8% Alsike Clover  
8% Empire Birdsfoot Trefoil

Available size: 50 lb.

# **TURF GRASSES**

<b>COOL SEASON TURF GRASSES</b>						
<b>VARIETY</b>	<b>DAYS TO GERM</b>	<b>SEEDING RATE/ 1000SQFT</b>	<b>PERSISTENCE</b>	<b>SHADE TOLERANT</b>	<b>TRAFFIC TOLERANT</b>	<b>COLD TOLERANT</b>
ANNUAL RYEGRASS	5	8	1 YEAR	POOR	FAIR	POOR
PERENNIAL RYEGRASS	8	8	3-5 YEARS	FAIR	FAIR	MEDIUM
NAMED PERENNIAL RYEGRASS	5-6	5	3-5 YEARS	GOOD	EXCELLENT	MEDIUM
CREEPING RED FESCUE	14	4	5 YEARS +	GOOD	GOOD	EXCELLENT
NAMED RED FESCUE	10	4	5 YEARS +	GOOD TO EXCELLENT	GOOD TO EXCELLENT	EXCELLENT
HARD FESCUE	14	4	5 YEARS +	EXCELLENT	POOR	EXCELLENT
NAMED HARD FESCUE	10	4	5 YEARS +	EXCELLENT	FAIR	EXCELLENT
CHEWINGS FESCUE	14	4	5 YEARS +	EXCELLENT	GOOD	EXCELLENT
NAMED CHEWINGS FESCUE	10	4	5 YEARS +	EXCELLENT	GOOD TO EXCELLENT	EXCELLENT
KENTUCKY BLUEGRASS	28	3	5 YEARS +	POOR	GOOD	EXCELLENT
NAMED KENTUCKY BLUEGRASS	10-21	3	5 YEARS +	GOOD TO VERY GOOD	GOOD TO VERY GOOD	EXCELLENT
TALL FESCUE	14	8	5 YEARS +	GOOD	EXCELLENT	POOR
NAMED TALL FESCUE	8-10	8	5 YEARS +	GOOD TO VERY GOOD	EXCELLENT	GOOD

## **ESTABLISHING A NEW LAWN - 3 KEY STEPS:**

**STEP 1: PREPARATION** -The area should be free of rocks and debris. The soil should be tilled to create a seed bed. This will give you the best chance for proper seed to soil contact.

**STEP 2: APPLICATION** -Square footage is key to knowing how much seed and fertilizer you are going to need. (200 lbs. seed per acre and 400-450 lbs. fertilizer per acre.) Spread the seed, making sure to get uniform coverage. Apply the fertilizer in the same manner. Drag both in (seed to soil contact), and cover with straw. Remember not to go too heavy with the straw to insure that enough sunlight will get through. Water the seed and fertilizer.

**STEP 3: AFTER CARE** -Water your new seeding twice per day, morning, and evening. Give the area a thorough amount, but not so much that you have puddles forming. Once establishment takes place (3-4 weeks), begin mowing when needed and enjoy your new lawn! Remember to water once or twice a week and fertilize twice a year, once in the spring and again in the fall.

**Note:** All perennial turf grasses will persist for 3 to 5 years. Overseeding should be considered in 2 to 4 years from establishment.

# ***TURF GRASSES***

## **RYEGRASSES**

Ryegrasses germinate and establish quickly. Mixes well with bluegrass and fine fescues. Improved perennial turf types have a dark green, fine textured leaf, although shoot growth is slower than common varieties. Preferred cutting height of 1.5 to 2 inches.

### **Perennial Ryegrass**

*(Lolium perenne)*

Best adapted to cool moist regions, suffers the most of all turf grasses from winterkill. Good adaptation to partial shading and wear tolerance. Newer perennial ryegrasses have some endophytes. Endophytes should not be used where horses pasture.

### **Annual Ryegrass**

*(Lolium multiflorum)*

Grown for pasture, turf, and erosion control, annual ryegrass is an economical ground cover. Use as a nurse grass in lawn maintenance areas while the permanent turf is establishing. Fine to medium texture, light green, and very fast establishment rate.

## **CLOVER**

**White Clover** *(Trifolium repens L.)*

A low growing perennial legume best adapted to moist, fine-textured soils and cool humid climates. Spreads by means of stolons with shallow rooting.

## **KENTUCKY BLUEGRASS**

*(Poa pratensis L.)*

Perennial cool season grass. Excellent cold tolerance but can also handle warmer temperatures. Fine textured, dark green appearance. Forms rapidly through underground tunnels (rhizomes) to provide thick, dense turf. Aggressive growth habits give it the ability to recuperate quickly. Prefers full sun but can also handle moderate shade.

## **ROUGH BLUEGRASS** *(Poa trivialis)*

A perennial bluegrass resembling Kentucky Bluegrass with no creeping root stalks. Prefers shady, wet lawn areas.

## **FINE FESCUES**

Chewings, creeping red, and hard fescue seeds mix well with Kentucky Bluegrass and Perennial Ryegrass. They are an important part of any fine turf mixture. Fine fescues are shade tolerant and exhibit good drought tolerance. Fine fescues are also ideal for use as a cover crop under grapes and orchards. Newer varieties have endophytes.

### **Chewings** *(Festuca rubra var. commutata)*

Performs well in acidic infertile soils with high sand content.

New varieties have superior performance and darker color than older varieties. Prefers cutting height of 1 to 2 inches. Our varieties have endophytes.

### **Creeping Red Fescue** *(Festuca rubra l.)*

Good establishment rate – faster than Kentucky Bluegrass, but slower than ryegrass. Long-lived perennial for cool, humid region. Good shade, heat, and cold tolerance. Our varieties show tolerance to a wide range of unfavorable conditions, contain endophytes, and have a darker color. Recommended cutting height of 1 to 2.5 inches.

### **Hard Fescue** *(Festuca ovina var. duriuscula)*

Slow vertical growth, may bunch in low fertility situations. Has a deep extensive root system. Mow at 1 inch or more.

### **Sheeps Fescue** *(Festuca ovina L.)*

Root depth affected by mowing height. Tolerates acidic, coarse-textured soils of low fertility. Prefers cutting height of more than ½ inch.

## **TALL FESCUES**

*(Festuca arundinacea schreb)*

Turf type tall fescues have made rapid improvements over the last decade. New proprietary varieties have finer leaves, a darker green genetic color, and a reduced growing height. Tall fescues are known for wear, shade, and drought tolerance. All newer varieties have endophytes.

# **CATAMOUNT PASTURE / FORAGE SEED**

## **PASTURE MIX**

All purpose mix with a variety of grasses and clovers that provide good feed value for horses or cattle. Varieties selected to provide feed through summer months with proper maintenance. Also has quick recovery properties. Seed at 25lbs per acre (50lbs if broadcast).

30% Orchardgrass  
30% Duo Festulolium Perennial Ryegrass  
20% Forage Tall Fescue  
10% Tetraploid Perennial Ryegrass  
5% Starfire Red clover  
5% Legacy White clover

## **T-A MIX**

For hay, silage, or green chop. Will tolerate somewhat poorly drained and acidic soils. Dries down well for baled hay.  
Seed at 15lbs per acre.

80% Timothy  
20% Alsike clover

## **T-A-R MIX**

For hay, silage, or green chop. Will tolerate somewhat poorly drained and acidic soils. Includes Medium Red clover (early mature) which encourages availability of two crops for haying. Good choice for low inputs. Clover supplies nitrogen to grasses.  
Seed at 15lbs per acre.

50% Timothy  
30% Medium Red clover  
20% Alsike clover

## **T-A-R-A MIX**

For hay, silage or green chop. Needs to be seeded on well drained soils but is highly drought tolerant. Alfalfa helps to reduce the risk of bloat and helps maintain good soil PH. Seed at 15lbs per acre.

40% Alfalfa  
30% Timothy  
20% Medium Red clover  
10% Alsike

## **T-W MIX**

Hay mix for horses, silage, or green chop. Will tolerate somewhat poorly drained and acidic soils. Dries down well for baled hay. Seed at 15lbs per acre.

80% Timothy  
20% White clover

## **T-W-R MIX**

For hay, silage, or green chop. Will tolerate somewhat poorly drained and acidic soils. Includes Medium Red clover (early mature) which encourages availability of two crops for haying. Good choice for low inputs. Clover supplies nitrogen to grasses. This can be fed to horses but can be difficult to dry down for baled hay. Seed at 15lbs per acre.

50% Timothy  
30% Medium Red clover  
20% White clover

## **HORSE PASTURE NORTH**

A high quality mix designed for horses; hay or pasture. Overseeds well into existing stands to provide ample hay production or better foot bed in horse paddocks. New seeding at 25 lbs. per acre. Overseed at 15 lbs. per acre. If broadcast seeding method is used increase rate by 50%.

59% Kentucky Blue Grass  
35% Timothy  
6% Ladino Clover

## **GRASS HAY/PASTURE MIX**

A fast-establishing grass only mix that is fit for long term pastures and hay production. Dries down quickly when used for hay. Seed at 30-35 lbs. per acres. If broadcast seeding method is used, increase rate by 50%.

25% Improved Meadow Fescue  
25% Improved Meadow Bromegrass  
15% Improved Tall Fescue  
10% Annual  
10% Tetraploid Perennial Rye  
15% Festulolium

**Available Sizes: 25lb & 50lb**



# CATAMOUNT FOOD PLOT MIXES

## WHITETAIL DEER MIX

\*MOST POPULAR\*

This mix provides great variety and excellent feed value. Tolerates a wide range of soil types but does best in drier areas. Plant in Spring or Fall.

Seed at 12lbs per acre

- 30% Legacy White Clover
- 30% Ladino Clover
- 20% Mycogen Alfalfa
- 10% Duo Festulolium Perennial Ryegrass
- 5% Starfire II Red Clover
- 5% Appin Turnips

Available sizes: 5lb, 10lb, 25lb, 50lb

## WILDLIFE BRASSICA MIX

Great harvest plot for late season. All annual mix with high protein value. Contains turnips, rape and other brassicas. Plant in mid to late August.

Seed at 5lbs per acre.

- 35% Vivant Hybrid Brassica
- 35% Purple Top Turnip
- 20% Bonar Rape Seed
- 10% Forage Kale

Available sizes: 2.5lb, 5lb, 15lb, 30lb

## WILDLIFE

## CHICORY/CLOVER MIX

A year round drought tolerant mix with clovers and chicory. Plant in Spring or Fall. Can tolerate marginal soil conditions. Seed at 12lbs per acre.

- 45% Starfire II Red clover
- 45% Legacy White clover
- 10% Oasis Chicory

Available sizes: 3lb, 6lb, 12lb

## CATAMOUNT SWEET SPOT

Northern formula high sugar grass mix for ir-resistible food plots. Contains Tetraploid perennial ryegrass, Ladino white clover, Medium red clover, Purple top turnip and Chicory. Best in moderate to well drained soils. Seed at 50lbs per acre.

- 66% Tetraploid Perennial Ryegrass
- 11% Ladino White Clover
- 11% Starfire II Red clover
- 6% Purple Top Turnip
- 6% Chicory Endure

Available size: 25lb

## Catamount Seed Custom Services

**Custom Blends** - L.D. Oliver Seed offers custom seed blending of turf and forage mixes. There is a 250lb minimum order per blend. Each custom blend request receives a quote, which requires a 50% deposit when order is placed, and the blend is non-returnable.

**Custom Labeling** - L.D. Oliver Seed offers custom labeling for large scale, high volume customer/distributors. Minimums for these blends are 10,000 pounds per year and 1,000lbs per order. Each custom blend seed mix can be packaged in various sizes to meet the minimums.

Please contact our office for information regarding custom services.

(802) 893-1241 or [customerservice@ldoliverseed.com](mailto:customerservice@ldoliverseed.com)

# COVER CROPS

<b>CROP</b>	<b>PLANTING DATE</b>	<b>RATE/ACRE BROADCAST</b>	<b>RATE/ACRE DRILL/PLANT</b>	<b>OVER DEPTH WINTERS</b>	
ANNUAL RYEGRASS	Until Early Sept	30 LBS	20 LBS	1/2"	
BUCKWHEAT	Until Early Sept	60 LBS	40 LBS	1/4 - 1/2 "	NO
CLOVERS - Annual	Spring - Fall	8-15 LBS		1/2"	NO
Clover - Balansa	Spring - Fall	6-9 LBS	5-8 LBS	1/2"	NO
Clover - Crimson	Spring - Fall	12-20 LBS	8-10 LBS	1/2"	NO
CLOVERS - Perennial	Spring - Fall	8-15 LBS	6-10 LBS	1/2"	YES
Clover - Alsike	Spring - Fall	10 LBS	8 LBS	1/2"	YES
Clover - Med. Red	Spring - Fall	12 LBS	10 LBS	1/2"	YES
FIELD PEAS	Until Early Sept	100 LBS	60 LBS	1"	NO
MUSTARD	Spring-Summer	8-12 LBS	6-8 LBS	3/4"	NO
OATS	Until Early Sept	100 LBS	50 LBS	1 - 2.5"	NO
RADISH	Until Early Sept	6-8 LBS		1/4 - 1/2"	NO
TURNIP	Spring or Fall	5 LBS	2 LBS	1/4"	NO
VETCH	Sept-Oct	8-10 LBS	6-8 LBS	1/4 - 1/2"	NO
WINTER PEAS	Aug-Oct	100 LBS	60 LBS	1"	YES
WINTER RYE	Aug-Oct	100-150 LBS	75 LBS	1-2"	YES
WINTER TRITICALE	Aug-Oct	100-150 LBS	75 LBS	1-2.5"	YES
WINTER WHEAT	Aug-Oct	100 LBS	75 LBS	1-2"	YES

Cover crops make so much sense – they cut fertilizer costs, improve soil health and condition, prevent soil erosion, improve water holding and infiltration capacity, produce nitrogen, and much more. Many cover crops are ALLELOPATHIC, which means they exude chemicals from their roots that suppress the growth of other plants (weeds!) around them.

Cover crops are either LEGUMES (clover, hairy vetch, peas, alfalfa) which convert nitrogen in the air to a form that plants can absorb or NON-LEGUMES (buckwheat, cereal/small grains, and crucifers like radish, turnip and mustard) that contribute added organic matter and suppress weeds. Both groups are useful tools in a crop rotation line-up. Often you don't have to choose one type over the other type but you can use a mixture of different types of cover crops. Peas & oats, rye & vetch, winter peas & triticale, oats & radish are particularly useful combinations.

When planning which cover crop to plant in the fall, it is also helpful to divide the available species: (1) those that will WINTER-KILL, and not re-grow in the spring, and (2) those that will produce some growth in the fall, go dormant during the winter, and then grow back in the spring.

# WILDFLOWERS

## **L.D. OLIVER NORTHEASTERN WILDFLOWER MIX (Annual/Perennial)**

A mixture of 20 native and naturalized wildflowers specially formulated for this area. A combination of annual, biennial, and perennial wildflowers offering an ever-changing carpet of color through the seasons. Contains the following ingredients:

- 10.75% Blue Flax
- 10.00% Scarlet Flax
- 10.00% Siberian Wallflower
- 10.00% Sweet William
- 10.00% Cornflower
- 8.00% Consolida Regalis
- 6.00% Garden Cosmos
- 6.00% Baby's Breath

*\*None of the following individual components exceed 5% of the total mix: Purple Coneflower, California Poppy, Plains Coreopsis, Wild Lupine, Arroyo Lupine, Common Poppy, Toadflax, Indian Blanket, Lanced-Leaved Coreopsis, Mountain Garland, White Yarrow, New England Aster.*

Recommended application: 1/2 lb. per 3000 sq. ft., 4 to 8 lbs. per acre  
Available sizes:  
1/2 lb. Shaker & 4 lb. Bucket

## **L.D. OLIVER NORTHEASTERN PERENNIAL WILDFLOWER MIX**

A mixture of 13 perennial wildflowers specially formulated for the northeast. Contains the following ingredients:

- 17.00% Perennial Lupine
- 13.00% California Poppy
- 12.00% Siberian Wallflower
- 11.00% Blue Flax
- 8.00% Lance Leaf Coreopsis
- 8.00% Purple Coneflower
- 8.00% Sweet William

*\*None of the following individual components exceed 5% of the total mix: Blanket Flower, Shasta Daisy, Prairie Coneflower-Yellow, Black-Eyed Susan, Ox-Eye Daisy, White Yarrow.*

Recommended application: 1/2 lb. per 3000 sq. ft., 4 to 8 lbs. per acre

Available sizes:  
1/2 lb. Shaker & 4 lb. Bucket

## **ESTABLISHING WILDFLOWERS**

- ◆ Rake the area to form grooves.
- ◆ Broadcast seed with shaker or cyclone seeder per recommended seeding rate.
- ◆ Lightly rake over area to ensure proper soil/seed contact.

**When to Plant:** Early spring is the best time, but dormant seeding is also an option. Late summer seeding should be 8-9 weeks prior to first frost.

**Companion Crop:** A non-competing companion grass such as sheep fescue or hard fescue will bulk up the mix for easier application, stabilize the soil until wildflowers become established and decreases annual weed competition. Use 4 lbs. per 1000 sq. ft. with the wildflower mix.

**Maintenance:** Established wildflowers do not require a lot of maintenance. If natural rainfall does not occur, watering will aid in germination and establishment. Mow the area in the fall. This will make the area neater, and spread the seeds of the annuals for germination in the following year.

# ALL-IN-ONE WILDFLOWER KITS

Available in **SIX** bright and beautiful varieties

- Non-GMO Seed Varieties
- Contains over 100,000 Seeds
- Covers up to 700 Square Feet



Net Weight – 2 lbs (907 g)  
Case pack – 18 units  
Cases per pallet – 16 cases



## HUMMINGBIRD AND BUTTERFLY

- 79% Annual Flowers
- 6% Perennial Flowers
- 15% Tender Perennial Flowers

## BEE POLLINATOR

- 39% Annual Flowers
- 50% Perennial Flowers
- 11% Tender Perennial Flowers

## SHADY

- 73% Annual Flowers
- 27% Perennial Flowers

## PERENNIAL MIX

- 100% Perennial Flowers

## AROMATIC

- 60% Annual Flowers
- 26% Perennial Flowers
- 14% Tender Perennial Flowers

## LOW-GROW BORDER

- 59% Annual Flowers
- 14% Perennial Flowers
- 13% Tender Perennial Flowers
- 14% Biennial Flowers

**GUARANTEED TO GROW  
EASY TO MAINTAIN**

# GMF CONSUMER FERTILIZERS

The following blends of GMF fertilizer are in CONSUMER BAGS. Each bag has complete directions for use, rates of application, and spreader settings. In heat-sealed 5 mil. poly bags (unless otherwise noted).

**5-10-10, and 10-10-10** - Ever popular and economical general purpose fertilizers for vegetables, flowers, and trees.

Available Sizes: 25lb & 50lb

## **GMF LAWN STARTER 6-16-12** **1.2Mg 33% WATER INSOLUBLE NITROGEN**

An excellent starter fertilizer with 33% slow release nitrogen for extended feeding. Keeps roots growing well beyond the end of top growth, thereby guarding against winterkill. 50 lbs. Covers 5,000 sq. ft.

Available Sizes: 25lb & 50lb

## **GMF GARDEN SUPREME 6-5-11**

A comprehensive fertilizer mix for gardens. 20-30lbs per 1,000 sq.ft. or 2-3lbs per 25 linear row feet.

Available Sizes: 25lb & 50lb

## **GMF LAWN SUPREME 20-0-12** **1.2Mg 20% WATER INSOLUBLE NITROGEN**

Encourages dark green color, increases plant vigor and disease resistance. Use for extended feeding .

50 lb. bag covers 10,000 sq. ft.

Available Sizes: 25lb & 50lb

## **GMF One Step 12-0-7 20% Water Insoluble Nitrogen**

Our timesaving fertilizer and pelletized lime combined with iron to encourage dark green color. Provides major nutrients along with a variety of micronutrients.

40 lb. bag covers 5,000 sq. ft.

Available size: 40 lb.

## **GMF FALL SUPREME 06-00-12 1.2 Mg 62% Slow Release Nitrogen**

50 lb. bag covers 10,000 sq. ft. as a WINTERIZER.

## **GMF STARTER FERTILIZER for HYDROSEEDING 19-19-19**

A complete fertilizer that dissolves better in hydroseeding tanks to help avoid clogging.

Available size: 50 lb.

**L. D. Oliver Seed Co. has changed its formulas for lawn fertilizer to comply with the Vermont statute. No fertilizer is to be applied to lawns before April 1<sup>st</sup> or after October 15th, or when the ground is frozen.**



# **FERTILIZER ANALYSIS & APPLICATION**

The three numbers in the analysis tell the percentage of the three essential plant foods: nitrogen, phosphorus, and potassium. Additional numbers indicate the addition of secondary or minor plant food elements: Magnesium (Mg), Copper (Cu), Zinc (Zn), Iron (Fe), Manganese (Mn), Boron (B), and Sulfur (S).

**Nitrogen** will increase growth of leaves and stems, stimulates rapid early growth, and greening up the plant. A deficiency in nitrogen will cause yellow leaves and stunted growth.

**Phosphorus** promotes root formation and growth. Particularly helpful to root crops such as potatoes, carrots, and beets. A deficiency in phosphorus will cause lower leaves to turn red, purple or an unusual deep green.

**Potassium** increases plant vigor and resistance to disease. It stimulates production of strong, stiff stalks, promotes the production of sugar, starch and oils, and increases plumpness of fruits and vegetables. A deficiency will result in yellow leaves at the tips and edges, weak stalks, and poor “setting” of fruit.

## **GENERAL GUIDELINES FOR APPLICATION:**

### **Lawns— Established**

### **Lawns—New Seeding**

Analysis	Lbs/1000 sq.ft	Analysis	Lbs./ 1000 sq ft
Lawn Supreme - All Formulas 20-00-12 1.2 mg 20% SRN	5 lbs.	Lawn Starter - 06-16-12 33% SRN	10 lbs
One Step—All Formulas 12-00-07 w/ mg & FE 20% SRN	8 lbs		

## **FLOWERS and VEGETABLES**

ANALYSIS	Lbs. /1000 Sq.FT	Row Application / 100 sq,ft	Banding/ 25 linear ft Both sides	Circling Per Plant
6-5-11 Garden Supreme	20-30 lbs.	2-3 lbs	2-3 cups	1.2 Tablespoons
10-10-10	20-25 lbs.	2-3 lbs	2 cups	1.5 Tablespoons
10-20-20	15-18 lbs	2-3 lbs	2 cups	1-2 Tablespoons

### **TREES and SHRUBS**

### **DIAMETER of DRIP LINE**

Analysis	10 FEET	20 Feet	40 FEET	60 Feet	80 FEET
05-10-10	2 lbs.	6-9 lbs.	25-38 lbs.	56-84 lbs.	100-150 lbs
10-10-10	1 lbs.	3-4 lbs.	12-19 lbs.	28-40 lbs.	33-50 lbs
15-15-15	1/2—1 lbs.	2-3 lbs.	8-13 lbs	19-28 lbs	20-30 lbs

# **GMF FERTILIZER PROGRAM**

Fertilizer “programs” are very subjective. To have a set 3 or 4 step program that assumes all lawns have the same needs is not the way Green Mountain Fertilizer approaches recommendations. The information contained in the following text are general guidelines for assessing your needs.

Your first step would be to have your soil tested for at least “PH” to give yourself a point of reference to help determine your fertilizer needs.

## **Step 1**

If your lawn is prone to crabgrass, then our Lebanon Crabgrass Preventer with fertilizer (22-0-6 w/dimension or similar) would be your step 1 product. Apply late April early May in our area when soil temp is 50 degrees. If no crabgrass then either GMF Lawn Supreme (20-0-12 w/SRN) or GMF One Step (12-0-7 w/SRN and iron) Use the Lawn Supreme on a lawn with good topsoil and ph above 6.5. If ph is lower or you’re on sandy soils then use our One Step fertilizer. This product is blended with our GMF high efficient pelletized lime and will help maintain and raise ph if used on a regular schedule.

## **Step 2**

Late May (Memorial Day) through mid-June. To help maintain your lawn and minimize stress through the dog days of summer. If no weed pressure, we recommend using GMF 20-0-12 Lawn Supreme w/SRN.

If you have broadleaf issues ie. (dandelion, creeping Charlie , or other weeds) use Lebanon Turf Weed and Feed 25-0-5 with Trimec or similar product.

We also recommend an Ortho Weed B-Gon liquid for spot treatment of broadleaf weeds.

## **Step 3**

Late August through mid-September to help put your lawn to bed for winter.

If after the stressful summer you are seeing broadleaf or other weed issues fall is a great time for weed control. We would recommend a liquid herbicide like Ortho Weed B-Gon, Bonide Sedge Ender or other product to target specific weeds.

After addressing any weed issues we recommend using our GMF “One Step” 12-0-7 if you have sandy or low ph soil, or our GMF 6-0-16 Fall Supreme if you are on better soils. These products will supply the nutrients your lawn needs to recover from the stressful summer months and provide good plant health going into the northeast winter for a quicker recovery in the spring.



# ***SPECIALTY TURF FERTILIZER***



## **LEBANON PRO 25-0-5 40% SCU W/TRIMEC (WEED 'N' FEED)**

- ◆ An economical combination fertilizer and weed control product with NPK of 25-0-5
- ◆ For residential, commercial and general turf use
- ◆ 1.0 Trimec for control of broadleaf weeds
- ◆ 40% SCU (sulfur coated urea) for controlled release of nitrogen
- ◆ Muriate of potash which stimulates the growth of strong cells and provides disease resistance by promoting thickness of the outer cell walls
- ◆ Please see label for specific information on pests controlled, application rates, timing and use.

Covers up to 15,000 sq. ft.

## **PROSCAPE 22-0-6 40% MESA .15 DIMENSION (CRABGRASS PREVENTER)**

- ◆ A premium combination fertilizer and weed control product with an NPK of 22-0-6
- ◆ For residential, commercial and general turf use
- ◆ .15 Dimension pre-emergent for control of crabgrass and other weeds
- ◆ 40% MESA for slow release of nitrogen with immediate green up without surge growth
- ◆ Muriate of potash which stimulates the growth of strong cells and provides disease resistance by promoting thickness of the outer cell walls

Please see label for specific information on pests controlled, application rates, timing and use

## **ACELEPRYN WITH FERTILIZER**

(Use anytime; spring thru summer)

An insecticide with no-phos fertilizer (0-0-5 or 22-0-7) for fertilization and grub control in turfgrass and landscape ornamentals.

Contains 0.067% Chlorantran-liprole

## **PREEN ONE WEED CONTROL w/ FERTILIZER**

Controls a wide range of lawn weeds including dandelion, chickweed, plantain, and many others commonly found in home lawns.

Covers 15,000 sq.ft 36 lb.

## **PREEN GARDEN WEED PREVENTER**

Prevents most weeds from germinating in flower and vegetable gardens, in ground covers, and around trees and shrubs. Will not kill existing weeds, but will prevent new weeds from sprouting.

Covers 5,000 sq.ft. 31.3 lb.

**\*\*Manufacturer's substitutions for these products may be made, based on availability. \*\***





# North Country Organics

**ALL NATURAL LAND CARE SUPPLIES**

Visit Us at [NORGANICS.COM](http://NORGANICS.COM)

All Our  
Products are



## PRO-GRO (5-3-4)

North Country Organics's premium general purpose fertilizer that excels in every application. Pro-Gro is a high nutrient natural product that plants and trees respond to with rapid and sustained growth, making it the most popular blend of nurserymen, landscapers, fruit and vegetable growers, farmers, and retail dealers.

Item # PROGRO50....50 lb. bags...50 per pallet

Item # PROGRO25....25 lb. bags...80 per pallet

Item # PROGRO05.....5 lb. bags...8 per case

## PRO-START (2-3-3)

Excellent choice for root crops, legume vegetables, perennials, flowering shrubs, mature fruit trees, legume hays (as a summer top-dress), and especially as a starter fertilizer for any kind of seed or transplant.

Item # PROSTA50....50 lb. bags...50 per pallet

Item # PROSTA25....25 lb. bags...80 per pallet

## PRO-HEMP (5-3-9)

We designed Pro-Hemp specifically for the Cannabis family of plants. Whether you grow an acre or a hundred, Pro-Hemp will deliver. Pro-Hemp has been proven to and will increase yield as well as quality of your end product.

Item # PROHEM50....50 lb. bags...50 per pallet

## CHEEP CHEEP (4-3-3)

Single ingredient, all purpose organic fertilizer from North Country Organics designed to fulfill the needs of certified organic growers and ecological land care professionals at a significantly lower cost.

Item # CHECHE50....50 lb. bags...40 per pallet

## PRO-BOOSTER (10-0-0)

Special blend of protein meals and natural nitrate of soda that offers 10 percent total nitrogen, one third of which is immediately available (water soluble) and two thirds in a slow release form.

Item # PROBOO50....50 lb. bags...50 per pallet

## PRO-HOLLY (4-6-4)

A natural fertilizer blended from mineral and organic ingredients specifically made for ericaceous and other acid loving plants such as Azaleas, Ferns, Heaths, Hydrangeas, Raspberries, Blueberries, Pachysandras, Holly, and Rhododendrons.

Item # PROHOL50....50 lb. bags...50 per pallet

Item # PROHOL25....25 lb. bags...80 per pallet

## GREENSAND

This naturally occurring iron-potassium silicate (also called glauconite) has the consistency of sand but is able to absorb 10 times more moisture making it an exceptional soil conditioner for pastures, forage fields, orchards, small fruits, vegetables and greenhouse potting mixes.

Item # GRESAN44....44 lb. bags...60 per pallet



## BONE CHAR (0-16-0)

A biochar that contains more than 16% available phosphate (P<sub>2</sub>O<sub>5</sub>) and 32% total phosphate.

Item # BONCHAR50....50 lb. bags...50 per pallet

## PHOSPHATE ROCK

A natural occurring rock phosphate that provides an excellent source of slowly available phosphorus, calcium and many essential trace elements.

Item # ROCCAL50....50 lb. bags...50 per pallet

## NATURAL NO-PHOS (6-0-6)

A natural fertilizer that contains no phosphates.

Item # NATNPH50....50 lb. bags...50 per pallet

## SULFATE OF POTASH

A natural potash mineral that contains 51% soluble potash. Potassium is second only to nitrogen in terms of the abundance needed for plants.

Item # SOPNC50....50 lb. bags...50 per pallet

## SULFATE OF POTASH/MAGNESIA

Also referred to as Sul-Po-Mag or K-Mag (these are brand names), is also a natural mineral salt and typically contains 22% potash, 11% magnesium and 23% sulfur.

Item # SPMORG50....50 lb. bags...50 per pallet

Also available from NCO - Alfalfa Meal, Azomite, Kelp Meal, Blood Meal, Calcium Lime (pelletized), Sulfur, Epsom Salt, Feather Meal, Gypsum, Natural Nitrate of Soda (Chilean Nitrate), Sulfate of Potash, Sulfate of Potash-Magnesia, and Tea Seed Meal.

**NEW**

To see North Country Organics's full product line, please visit their website at [NORGANICS.COM](http://NORGANICS.COM)

# ***LIME EFFICIENCY***

All lime is not the same. While all lime contains calcium, an essential element for the formation of cell walls, and all lime neutralizes acid in the soil, the "reaction time" can be anywhere from 2 weeks to 25+ years, depending on the form of the lime. The determining factor in how quickly a lime product will act is how finely the lime is ground. (The finer the lime, the quicker it acts.) This is determined by passing the product through screens with openings specified by a U.S. standard. The screen "size" is the openings per inch.

With pelletized lime, it is sized before the pelletizing process. This process binds the lime together into pellets using an organic binder for easy, dust-free spreading. Once applied, the lime is quickly broken down into its original form by moisture. With pelletized lime, the reaction time is determined by the form of the lime prior to pelletizing, which means that not all pelletized limes behave the same. For example, SoilSweet is pulverized lime before pelletizing, while GMF calcium is made from "superfines".

Use the two charts below as a guide to how quickly the various lime products we offer will act.

PRODUCT	% OF PRODUCT PASSING:				
	20 MESH	40 MESH	60 MESH	100 MESH	200 MESH
SCREEN SIZE					
TIME TO REACT	25 YEARS	2 YEARS	1 YEAR	8 WEEKS	2 WEEKS
GMF PELLETIZED LIME	98%		94%	75%	50%
SOIL DOCTOR GRANULAR LIME	98%		55%	30%	
SOIL DOCTOR PULVERIZED LIME	90%	75%	65%	50%	
SOIL DOCTOR PELLETIZED LIME	90%	75%	65%	50%	
LEE HYDRATED LIME	99%		96%	95%	75%

The amount of material required to change pH depends on the type of soil. There are three basic soil types – sandy, loam and clay. Sandy soils dry out rapidly and clay soils do not absorb water, but puddle and run off.

To raise pH 1 point by broadcast spreading add: (per 1000 sq.ft.)

<u>Material</u>	<u>Sandy Soil</u>	<u>Loam</u>	<u>Clay Soil</u>
Dolomite lime	100 lbs.	150 lbs.	200 lbs.
Hydrated lime	50 lbs.	75 lbs.	100 lbs.
Neutralime	.16 oz	.15 oz	.18 oz
Pelletized Lime	100 lbs.	100 lbs.	200 lbs.

To lower pH 1 point by broadcast spreading add: (per 1000 sq.ft.)

<u>Material</u>	<u>Sandy Soil</u>	<u>Loam</u>	<u>Clay Soil</u>
Sulfur	10 lbs.	15 lbs.	20 lbs.
Aluminum Sulfate	70 lbs.	105 lbs.	140 lbs.
Gypsum	50 lbs.	75 lbs.	100 lbs.

# **LIME/GYPSUM PRODUCTS**

## **PELLETIZED LIME**

50% of the GMF pelletized lime passes through a 200- mesh screen. Not messy—works like fertilizer. Can be spread in either a drop spreader or a rotary spreader.

GMF Pelletized Lime—High Calcium  
Bag Size 40lb  
63 bags/Pallet

## **PULVERIZED LIME**

Ideal for vegetable and flower gardens. Fast-acting, finely-ground particles that neutralize soil acidity. A natural source of calcium and magnesium that promotes healthy bacterial action.

40 lbs. 80/pallet

## **GRANULAR LIME**

Extended-release coarse granules that enhance fertilizer effectiveness. Supplies calcium and magnesium that neutralizes. Soil acidity over time..

40 lbs. 80/pallet

## **ATHLETIC FIELD MARKER**

Superior quality ground marble marking material designed for use on all types of athletic fields.

50 lbs. 56/pallet

## **GYPSUM**

Calcium sulfate with 20-23% available calcium and 15-19% sulfur in a pelleted form. Loosens heavy clay soils, aids soil aeration and water percolation. Leaches out excessive amounts of sodium and magnesium. Counteracts winter salt damage.

50 lbs. 50/ pallet Kirby  
40 lbs. 70/ pallet Soil Doctor

## **SOLU-CAL PLUS**

Enhanced high calcium lime—36% Calcium: A unique formulation of soluble calcium complexed with INTENSIFY Soil Microbial Biocatalyst.

50lb bag covers up to 10,000 sq.ft.

## **SOLU-CAL Humic Plus**

The power of activated Humic/ Fulvic Acid teamed with Solu-Cal soluble calcium in a dust free pellet. 50lb bag covers 11,000 sq.ft.

## **SOIL DOCTOR—OMRI**

Higher in Magnesium  
Bag Size 40lb

Pelletized Lime - 70 bags/Pallet

Granular Lime - 80 bags/Pallet

Pulverized Lime - 80 bags/Pallet

Gypsum - 70 bags/Pallet

# ***SOIL AMENDMENTS***

## **PERLITE**

Lightweight perlite provides excellent aeration and moisture retention when blended with other soil media. Perlite supports root growth and retains nutrients which it releases for superior plant growth.

Available size: 4 cu.ft. Wgt:20 lbs.  
Grade: SUPER COARSE 33/pallet

## **VERMICULITE**

Lightweight vermiculite provides aeration and moisture retention.

Available in 4 cu.ft. bags (20 lbs.)

Grades:

FINE, MEDIUM OR COARSE 33/pallet

## **CANADIAN SPAGNUM PEAT MOSS**

Partially decomposed product with large cell structure which acts like a sponge, retaining moisture and helping to prevent leaching of fertilizer. OMRI Listed

Available Sizes (Compressed Bales):  
1 cu ft./2.2 cu.ft./3.8 cu.ft.

## **PEAT MOSS BRANDS:**

**LAMBERT & FAFARD(BLACK GOLD)**

## **LAMBERT PRODUCTS**

### **Lambert LM-2 Germination Mix**

Canadian sphagnum peat with micro and macro nutrients, it also has water retention properties. It's formulated for the germination of seeds that require more moisture.

Available size: 3.8 cu.ft.

### **Lambert LM-3 General Purpose Mix**

A general purpose mix with excellent aeration, high water retention, and good drainage. It contains macro and micro nutrients. Uniform plant growth can be expected.

Available size: 3.8 cu.ft.

### **Lambert LM-8 Bark Mix**

Coarse fibered Canadian sphagnum peat moss blended with composted Canadian fir bark. A media that provides weight for container grown crops that tend to be top heavy. It's pH adjusted and mixed with a fertilizer charge.

Available size: 3 cu.ft.

### **Lambert LM-18 Germination Mix**

Composed of fine peat, fine perlite, limestone and wetting agent that will support an effective and uniform germination. Ideal for germination trays and to start cuttings.

Available size: 3 cu.ft.

## **VERMONT COMPOST PRODUCTS**

**\*\*Ask for Pricing and Availability**

## **VERMONT ORGANICS RECLAMATION**

### **Biochar Blend**

Biochar is a type of charcoal or activated carbon that is especially good at supporting plant growth. Organic fertilizer and coffee skins are added to charge the biochar with nutrients, and add bio-available carbon to the soil. This results in a product that is ready to be added to your soil without mixing biochar and fertilizer yourself.

Available size: 1 cu.ft.

### **Coir**

OMRI-Listed for organic use Coconut Coir is an ideal soil enhancer. Use it as a fine textured mulch. Add fertilizer to make a complete soil. Add it directly to soil to lighten it. Plus it holds ten times its weight in water. Available size: 11 pound Block

### **Vorganics Potting Mix**

Made with OMRI-certified coconut coir, nutrients and minerals. All natural, helps curb climate change, low carbon footprint Works for all plant types. Peat Free OMRI listed  
Available size: 1 cu.ft.

### **Vorganics Raised Bed Mix**

Manure solids are treated and pasteurized, then blended with Premium Screened Topsoil to make optimum Raised Bed Garden Soil.  
Available size: 2 cu.ft.

### **Vorganics Seed Starter**

As one of our earth's friendliest soils, organic seed starter helps curb climate change by sequestering more stable carbon in your garden than peat- and compost-based products. Contains 2-4 times the organic content of traditional compost. OMRI listed.  
Available size: 1 cu.ft.

## **Fafard Products**

### **Fafard Ultra Container Mix**

This all-purpose container mix with Moisture Pro™ water-holding crystals helps maintain mix moisture for longer and has an extended-release fertilizer to keep plants fed for up to four months. Use for all container plantings, indoors and out, like hanging baskets, window boxes, and planters. 1 cu.ft. (red bag)

### **Fafard Ultra Outdoor Planting Mix**

High in organic matter, this quality planting mix has been formulated for garden and landscape planting. It contains peat moss and aged soft-wood bark to add structure and organic matter to clay or sandy soils. Use to enrich all outdoor garden or landscape plantings like vegetables, herbaceous ornamentals, roses, trees, and shrubs. 1 cu.ft. (purple bag)

### **Fafard Premium Natural & Organic Compost (Not certified organic)**

Formulated for organic gardening, this natural and organic amendment is excellent for any garden bed or landscape planting, like bedding annuals and perennials, vegetables, trees, and shrubs. 1 cu.ft. (teal bag)

### **Fafard Professional Potting Mix**

An all-purpose potting mix based on professional formulation used by commercial growers, Fafard® Professional Potting Mix is a top-quality peat-based blend recommended for all indoor and outdoor container plantings. 1 & 2 cu.ft. (green bag)

### **Fafard Ultra Potting Mix**

Extended feed (4 months) indoor/outdoor potting mix. 2 cu.ft. (blue bag)

### **Fafard Premium Topsoil**

Fafard Premium Topsoil will add much-needed organic matter to garden soil or landscape planting that requires enrichment. It's also ideal for starting or top-dressing lawns or filling in low spots in the landscape or garden. 1 cu.ft.

### **Sunshine Mix #4 with Mycorrhizae**

A premium mix for indoor growing. Contains a higher amount of perlite for plants that prefer greater air porosity.

**Sunshine Advanced #4 with Mycorrhizae**  
OMRI listed premium mix for indoor growing. Retains moisture while providing improved drainage and root aeration. 3cu.ft. bale

## **Coast of Maine Products**

### **Quoddy Blend Lobster Compost**

Organic Quoddy Compost is made with chitin and calcium-rich lobster shells, compost and sphagnum peat moss. It is a dark-brown, complex soil filled with naturally occurring microorganisms all plants need for healthy growth. It drains well and is an ideal soil conditioner for existing beds that need reinvigorating. It is [OMRI listed](#) for use in organic gardens. 1 cu.ft.

### **Stonington Blend Grower's Mix**

Uses: Containers and large pots. Grows the most amazing tomatoes & vegetables!

Stonington Blend Grower's Mix is a complex "super soil" designed for high performance container growing. It works well with tomatoes, and, where growing cannabis and medical marijuana is legal, growers have reported tremendous results. This soil incorporates mycorrhizal fungi, kelp, fish bone and alfalfa meal, as well as worm castings, peat, coir and lobster compost. When growing in 15 gallon containers, there is no need for additional nutrients. It is [OMRI listed](#) for use in organic gardens Available in 1.5 cu.ft. bags – enough to fill a 10 gallon pot.

### **Fundy Blend Enriching Mulch with Kelp**

Uses: Top dressing roses and perennials  
Fundy Blend Enriching Mulch with Kelp is made from humified barks (birch, maple and hemlock) and a blend of kelp solids and sphagnum moss peat to create an almost black humus that is rich in organic matter. It helps retain moisture in the soil and can be dug into the beds in the fall to improve the organic content of the soil. It is permitted for use in the production of [MOFGA certified](#) organic crops. 1 cu.ft.

### **Wiscasset Blend—Earthworm Castings**

Gardeners have long known that there's magic in worm castings. Use to enrich potting soil with active biology and plant ready minerals or top-dress your indoor container plants to give them a boost. Castings can also be brewed into a quick compost tea by mixing with water, molasses and aerating overnight. 8 quart bag

# Foster Brothers Dairy Farm Premium

## Top Soil

### Ingredients:

Compost  
Sphagnum Peat Moss  
Sand

### Application:

Improving Poor Soils  
Seeding New Lawns  
Top Dressing Lawns  
Repairing Damaged Lawns  
Filling Low Spots  
Amending Existing Soils  
Replacing Poor Soils

Available Bag Size: 1 cf

## Composted Cow Manure

### Ingredients:

Composted Cow Manure

### Application:

Garden Beds  
Mulching Trees and Shrubs  
Top Dressing Lawns  
Controlling Erosion  
Adding Organic Matter  
Increasing Organic Matter

### Minimum Guaranteed Analysis:

Nitrogen (N)	1.0%
Water Insoluble (N)	.8%
Water Soluble (N)	.2%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	1.0%
Soluble Potash (K <sub>2</sub> O)	1.0%

Available Bag Size: 1 cf

## Dehydrated Composted Cow Manure

### Ingredients:

Dehydrated Composted Cow Manure  
Sand

### Application:

Garden Beds  
Mulching Trees and Shrubs  
Top Dressing Lawns

### Minimum Guaranteed Analysis:

Nitrogen (N)	2.00%
Water Insoluble (N)	1.6%
Water Soluble (N)	.4%
Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	1.00%
Potassium (K <sub>2</sub> O)	2.00%

Available Bag Size: 1 cf

## All Purpose Potting Soil

### Ingredients:

Composted Cow Manure  
Sphagnum Peat Moss  
Sand  
Perlite

### Application:

Container Plants  
Window Boxes  
Garden Beds  
Annuals  
Perennials  
Large Containers

Available Bag Sizes: 1 cf, 20 lb

## Shrub & Tree Mix

### Ingredients:

Compost  
Sphagnum Peat Moss  
Sand

### Application:

Garden Beds  
Mulching Trees and Shrubs  
Top Dressing Lawns  
Improving Poor Soils

Available Bag Size: 1 cf



Our products earned the Commissioner's Choice Vermont Seal of Quality while this award existed. It acknowledged Vermont farm products that were essentially 100% produced and processed in the state of Vermont, a claim which we continue to meet.



Vermont Natural Ag Products, Inc.

Middlebury, VT

(800) 639-4511

[www.vermontnaturalagproducts.com](http://www.vermontnaturalagproducts.com)

## MOO DIRT®

### Top Soil

**Ingredients:**

Composted Manure (from one or more of the following: cow, horse, and chicken)  
Sphagnum Peat Moss  
Sand

**Applications:**

Improving Poor Soils  
Seeding New Lawns  
Top Dressing Lawns  
Repairing Damaged Lawns  
Filling Low Spots

**Available Bag Size:**

1 cf

## MOO DOO®

### Composted Cow Manure

**Ingredients:**

Composted Cow Manure

**Applications:**

Garden Beds  
Mulching Trees and Shrubs  
Top Dressing Lawns  
Increasing Soil Fertility  
Adding Organic Matter  
Controlling Erosion

**Minimum Guaranteed Analysis:**

Nitrogen (N)	0.5%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	0.3%
Soluble Potash (K <sub>2</sub> )	0.5%

**Available Bag Sizes:**

1 cf, .5 cf

## MOO PLUS®

### Dehydrated Composted Cow Manure

**Ingredients:**

Dehydrated Composted Cow Manure

**Applications:**

Garden Beds  
Mulching Trees and Shrubs  
Top Dressing Lawns  
Increasing Soil Fertility  
Adding Organic Matter  
Controlling Erosion

**Minimum Guaranteed Analysis:**

Nitrogen (N)	1.0%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	1.0%
Soluble Potash (K <sub>2</sub> )	1.0%

**Available Bag Sizes:**

1 cf, .5 cf

## MOO GROW®

### All Purpose Potting Soil

**Ingredients:**

Composted Manure (from one or more of the following: cow, horse, and chicken)  
Sphagnum Peat Moss  
Composted Hardwood Bark  
Sand

**Applications:**

Window Boxes  
Garden Beds  
Annuals  
Perennials  
Large Containers

**Applications:**

Hanging Baskets  
Window Boxes and Small Containers  
House Plants  
Greenhouses  
Annuals and Perennials

**Available Bag Sizes:**

2.5 cf, 1 cf, .5 cf

## MOO MIX®

### Fortified Professional Potting Soil

**Ingredients:**

Dehydrated Composted Manure (from one or more of the following: cow, horse, and chicken)  
Sphagnum Peat Moss  
Perlite  
Aged Pine Bark  
Organic Fertilizer

**Applications:**

Hanging Baskets  
Window Boxes and Small Containers  
House Plants  
Greenhouses  
Annuals and Perennials

**Available Bag Sizes:**

2.5 cf, 1 cf, .5 cf

## MOO START®

### Germinating Mix

**Ingredients:**

Dehydrated Composted Manure (from one or more of the following: cow, horse, and chicken)  
Sphagnum Peat Moss  
Vermiculite  
Organic Starter Charge

**Applications:**

Starting Seeds  
Cuttings  
Sensitive Transplants  
Six Packs  
Plug Trays

**Available Bag Sizes:**

2.5 cf, 1 cf, .5 cf

## MOO PLANT™

### Tree & Shrub Mix

**Ingredients:**

Composted Manure  
Sphagnum Peat Moss

**Applications:**

Garden Beds  
Mulching Trees and Shrubs  
Top Dressing Lawns  
Improving Poor Soils

**Available Bag Size:**

1 cf

## MOO COMPOST™

### Premium Compost

**Ingredients:**

Composted Manure (from one of the following: cow, horse, and chicken)  
Composted Hard & Softwood Bark

**Applications:**

Garden Beds  
Container Mix and General Use  
Mulching Under Trees and Shrubs  
Top Dressing Lawns

**Available Bag Size:**

1 cf

## MOO ENHANCED™

### Dark Mulch Enhanced With Compost

**Ingredients:**

Composted Cow and/or Chicken Manure  
Aged Hardwood & Softwood Bark

**Applications:**

Mulching  
Soil Conditioner

**Available Bag Size:**

1.5 cf



All of our MOO™ blends are made to be acceptable for Organic Farms. While most users are not Organic Farmers, we decided long ago that MOO™ products would be the best in the industry from both an environmental and quality perspective. Try MOO™ and you will agree.



Our MOO™ products earned the Commissioner's Choice Vermont Seal of Quality while this award existed. It acknowledged Vermont farm products that were essentially 100% produced and processed in the state of Vermont, a claim which we continue to meet.



All of our products promote sustainable agriculture and a commitment to family owned businesses. We continue to research new applications and methods for composting and ways to utilize precious agricultural resources.

Vermont Natural Ag Products, Inc. • Middlebury, VT • (800) 639-4511 • [www.moодоо.com](http://www.moодоо.com)

# VERMONT MULCH CO.



**Hemlock:** Strong reddish tones in an all natural product. Not enhanced. A very aromatic mulch.



**Fragrant Forest:** Mostly pine, supplemented with spruce and Fir. The aroma will transport you to the tranquil forest of the Northeast.



**Dark Bark:** All the species of Fragrant Forest, yet aged longer. This mulch breaks down into organic matter more rapidly and is a dark brown.



**Cedar:** The most persistent in the environment. Cedar is proven to be the mulch most resistant to artillery fungi. Light brown in color.



**Hardwood Mulch:** A blend of mixed Northeast hardwood bark aged to create a deep, dark brown mulch.



**Colorfast Black:** Color enhanced mulch in Black. Made with 100% all natural forest products. This product carries a one year guaranty to retain its color.



**Colorfast Brown:** Color enhanced mulch in Brown. Made with 100% all natural forest products. This product carries a one year GUARANTEE to retain its color.



**Colorfast Red:** Color enhanced mulch in Red. Made with 100% all natural forest products. This product carries a one year GUARANTEE to retain its color.



**Playground:** 100% all natural pine chips used under outdoor playground equipment and on informal pathways. Now ASTM certified.



# ***HYDROSEEDING SUPPLIES***

## **PROFILE WOOD MULCH**

A fully biodegradable hydraulic mulch that contains 100% quality wood fiber. Now with TriFlo for better yield, better shooting, and better ground coverage.  
50 lbs. 40/pallet

## **PROFILE WOOD/PAPER MULCH**

Fully biodegradable hydraulic mulch consisting of refined wood fiber (50%) with high quality cellulose mulch (50%). Now with Triflo for better yield, less clogging and better ground coverage.  
50lbs 40/pallet

## **PROFILE CELLULOSE MULCH**

A 100% paper mulch that forms an even fibrous mat to minimize seed displacement from wind and soil erosion. It's biodegradable and provides favorable temperature and moisture conditions for seed germination. Contains temporary green dye for a visual guide.  
40 lbs. 48/pallet

## **PROFILE POURABLE MULCH**

### **SEED—AIDE COVER GROW**

A granular mulch composed of 37% wood fiber/58% cellulose fiber and 5% tackifier. Use for rapid dispersion and fast mixing in jet-agitated hydroseeders. Once applied to a seeded area and activated by water, the granules quickly expand and disperse to provide outstanding protection.  
40 lbs. 48/pallet

## **PENNMULCH**

Easy-to-apply pellets expand when watered to provide even mulch coverage. Provides quick-release starter fertilizer (1-3-1). Application rate of 75 lbs. per 1000 sq. ft. A one-step mulch and fertilizer for new turf establishment. No weed seeds and no cleanup required.  
40 lbs. 50/pallet

## **PROGANICS BIOTIC SOIL MEDIA**

Designed as a topsoil alternative that accelerates the development of depleted soils with low organic matter and low nutrient levels.

Provides an abundant source of organic matter and soil building components.  
50 lbs 40/pallet

## **EROSION CONTROL MATS**

Straw Blanket 8'x112' DS150  
Covers 900 sq.ft.

## **FLOC LOC TACKIFIER**

3lb Jugs - 6 per case  
1 Jug per Acre

## **METAL STAPLES**

1000/Box

## **BIODEGRADEABLE STAKES**

500/Box

## **NEUTRALIME DRY**

Balances soil pH within 6-10 days of application – with the added plus of longer control, up to 18 weeks. Application rate is 40# per acre. Will change pH 1 point.  
40 lbs 50/pallet  
4/10 lb bags/case

## **SOLU-CAL L**

Improves soil structure, stimulates root and leaf development, regulates soil pH, and strengthens cell walls.  
2.5 Gallon Jug

## **HYDRO-CAL DRY**

High concentration of micro fine limestone. Provides immediately available calcium. Improves nutrient uptake in low pH soil.  
50 lbs

# MISCELLANEOUS

## **GMF ROCK SALT**

*(Sodium Chloride)*

Most economical way to melt snow and ice.  
Effective melting temperature down to 20°F.

Available sizes: 50lb - 49/pallet  
25 lb. 100/pallet  
Bulk by the Yard

## **GMF ROCK SALT PLUS**

*(Sodium Chloride treated with a liquid magnesium product)*

Salt that is treated to increase the rate at which the salt begins working, and increase the penetration into ice and snow pack. This can be used at lower temperatures, and will prevent stockpiles from freezing or clumping. Helps protect equipment from corrosion.  
Effective to -10 F.

Available size: 50 lb. - 50/pallet

## **CALCIUM CHLORIDE**

*(Flakes & Pellets)*

Two to five times faster than rock salt and ice melt blends. Effective down to -30 F. Safe for lawns and concrete when used as directed. Does not leave white residue like other salts.  
Available size: 50 lb. - 45/ pallet

## **MAGNESIUM CHLORIDE**

*(Flakes & Pellets)*

Works on contact, and cuts through ice. This has great melting power, but is gentle on concrete, lawn, and plants. Effective to -25°F.

Available sizes: 50 lbs. -45/pallet

## **TUBE-TRAC SAND**

An ideal vehicle weight stabilizer in 60 lb. tubes that fit into trunks of cars and beds of trucks.

Sand can be used from the re-sealing tube bag to aid traction in an emergency situation

Available size: 60 to 70 lbs each

## **SAND**

Washed Play Sand .4 cu.ft.

All Purpose Sand .5 cu.ft

## **PET SAFE ICE MELTER**

A 100% salt free, non-toxic formula that does not generate heat and will not burn or irritate paws. It is an environmentally friendly formula that is safe for concrete and asphalt. Melts down to -15\* degrees.

Available in 20 lbs. 120/pallet

## **DECORATIVE STONE**

**Kolorscape by Old Castle—River Rock, Pea Pebbles & White Marble Chips**

Adds a decorative touch to any lawn or garden area. Each bag is a 1/2 cubic foot and weighs between 40 and 50lbs.

- ◆ River Rock
- ◆ River Gravel (Pebble)
- ◆ Marble Chip—Large 2"
- ◆ Marble Chip—Mini 3/8"
- ◆ Marble Chip—Chips

## **GARDEN STAKES**

**1" X 1"**

Hardwood plant stakes: straight, strong, and pointed.

For all types of medium and heavy staking.

25 per bundle

Sizes: 3 ft.; 4 ft.; 5 ft.; 6 ft.

## **STRAW**

Bales of straw for mulch and bedding.

## **WILD BIRD FOOD**

Black Oil Sunflower Seed