RHINO SEED | PRODUCT GUIDE

PRODUCTS AND SERVICE SO GOOD

PROFESSIONAL TURFGRASS, LANDSCAPE AND EROSION CONTROL PRODUCTS SINCE 1930.

FREE DELIVERY

(800) 482-3130

Detroit Area: Option 1, Grand Rapids Area: Option 2 ©2024 Rhino Seed and Landscape Supply, LLC

rhinoseed.com



WHY BUY RHINO SEED?

WITH OVER 90 YEARS IN BUSINESS, <u>A Marine Standards</u> <u>A Marine S</u>

"THE RHINO" WAY"

Rhino Seed & Landscape Supply is committed to our customers and their success. We develop and produce innovative landscaping seed, fertilizer, mulch, and erosion control products while delivering exceptional service. Landscape professionals count on Rhino Seed for tools and advice that deliver excellent results while making their jobs easier. **Satisfaction guaranteed.**

- ✓ High Quality Grass Seed
- Custom Grass Seed Mixing
- Variety of Landscaping Products
- Competitive Pricing
- ✓ Free Delivery
- ✓ No Minimum Order
- ✓ No Delivery Fee or Fuel Surcharge
- MDOT Approved Vendor
- Family Owned and Operated since 1930





- Erosion Control Blankets
- EZ-Straw[®] Products
- Hydromulches
- Tackifiers & Dye
- Fertilizer
- Field Seeds



- Native Seeds
- Grass Seed Varieties & Custom Mixes
- Wildflower Seed
- Construction Fabric
- Silt Fencing



- Edging
- Earthway Spreaders
- Great Rakes
- Herbicides
- Insecticides

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Issued 2024

GRASS SEED MIXES

GRASS SEED MIXES

Sunny Mix	Economy Mix	Pasture Mix - (25#/Acre)	School Lawn Mix
Ideal for sunny areas Contains: 20% Kentucky Bluegrass 20% Creeping Red Fescue 20% Turf Type Perennial Ryegrass 20% Turf Type Perennial Ryegrass 10% Elite Kentucky Bluegrass 10% Elite Kentucky Bluegrass	Contractor grade seed/ budget friendly Contains: 40% Creeping Red Fescue 30% Annual Ryegrass 20% Perennial Ryegrass 10% Kentucky Bluegrass	Suitable for pasture areas Contains: 25% Vernal Alfalfa 20% Medium Red Clover 20% Tetraploid Perennial Ryegrass 15% Timothy 10% Alsike Clover 10% Orchardgrass	Ideal for school lawns Contains: 30% Kentucky Bluegrass 25% Turf Type Perennial Ryegrass 25% Creeping Red Fescue 10% Elite Kentucky Bluegrass 10% Elite Kentucky Bluegrass
Hydro Mix Fast growing mix because of the perennial rye, faster germinating Contains: 50% Turf Type Perennial Ryegrass 30% Creeping Red Fescue 20% Kentucky Bluegrass	Horse Pasture Mix (25#/Acre) Specifically designed for horse pastures Contains: 25% Tetraploid Perennial Ryegrass 20% Vernal Alfalfa 20% Orchardgrass 20% Kentucky Bluegrass 15% Timothy	 3-3-3 Sun/Shade Mix For areas with both sun and shade Contains: 34% Creeping Red Fescue 33% Turf Type Perennial Ryegrass 33% Kentucky Ryegrass 	Suburban Mix Higher end lawn mix Contains: 20% Elite Kentucky Bluegrass 20% Elite Kentucky Bluegrass 20% Kentucky Bluegrass 20% Variety Creeping Red Fescue 20% Turf Type Perennial Ryegrass
Rhino Deer Forage (25#/Acre) Ideal for attracting deer Contains: 35% Alsike Clover 20% Medium Red Clover 20% Ladino Clover 20% Rape 5% Yellow Blossom Sweet Clover	Shady Mix Suitable for shaded areas Contains: 35% Variety Chewings Fescue 35% Creeping Red Fescue 20% Turf Type Perennial Ryegrass 10% Poa Trivialis	Supina Shady Mix Specifically designed for shaded areas Contains: 30% Variety Creeping Red Fescue 30% Variety Chewing Fescue 20% Turf Type Perennial Ryegrass 10% Poa Trivialis 10% Poa Supina	Wetland Mix (25#/Acre) Suitable for areas with high moisture content Contains: 25% Alsike clover 25% Red Top 25% Timothy 25% Birdsfoot Trefoil
Select Lawn Mix High-quality blend for lawns Contains: 15% Elite Kentucky Bluegrass 15% Elite Kentucky Bluegrass 15% Elite Kentucky Bluegrass 15% Elite Kentucky Bluegrass 15% Variety Creeping Red Fescue 15% Turf Type Perennial Ryegrass 10% Turf Type Perennial Ryegrass	Low Maintenance Meadow Mix Low maintenance option Contains: 50% Variety Chewing Fescue 30% Variety Hard Fescue 20% Sheep Fescue	Slow Grow Lawn Mix Designed for slow-growing lawns Contains: 40% Variety Chewing Fescue 35% Creeping Red Fescue 25% Variety Hard Fescue	Premium Sports 80/20 Mix Ideal for Athletic fields Contains: 20% Elite Kentucky Bluegrass 20% Elite Kentucky Bluegrass 20% Elite Kentucky Bluegrass 20% Elite Kentucky Bluegrass 20% Turf Type Perennial Ryegrass
Highway Class A Suitable for alongside highway landscaping Contains: 40% Creeping Red Fescue 30% Perennial Ryegrass 30 % Kentucky Bluegrass	Highway Roadside Highly trafficked areas Contains: 50% Perennial Ryegrass 35% Creeping Red Fescue 15% Kentucky Bluegrass	Rhino Tuff Stuff Mix Ideal for clay/sandy areas Contains: 70% 3-Way Turf Type Tall Fescue Blend 20% Turf Type Perennial Ryegrass 10% Kentucky Bluegrass	Sports Turf 50/50 Mix Ideal for Sports Fields Contains: 25% Elite Kentucky Bluegrass 25% Elite Kentucky Bluegrass 25% Turf Type Perennial Ryegrass 25% Turf Type Perennial Ryegrass

GRASS SEED MIXES

PACKAGING & MIXES

TOP CHOICE (RETAIL PACKAGING)	RHINO WILDFLOWER MIXES
OPTIONS	BLEND
Landscaper Sunny Shady Sun/Shade 3-3-3	Low Grow/ Low Profile Blend Midwest Blend Partial Shade Blend Sunny Blend
*Available in 3# & 10# bags	Pollinator Blend

SEED VARIETIES

SEED TYPE

BLUEGRASS

Kentucky Bluegrass 85/80
Kentucky Bluegrass 98/85
Appalachian
Selway
Concerto
Wildhorse
Washington
Poa Trivialis
Premium Sod Blend
Fults Puccinellia
Poa Supina

RYEGRASS

Annual
Perennial
Apple 3 GL
Coda
Fastball 3GL
Homerun LS
Interlude
Integra
Slugger
Stellar 4GL
3 Way Ryegrass Blend

SEED TYPE

MDOT MIXES
Highway Class A
Highway Roadside
TDS
TGM
ТНМ
THV
TUF
Performance

FIELD SEED

Birdsfoot Trefoil
Bromegrass
Orchardgrass
Pasture Mix
Rape
Red Top
Tetraploid Per Ryegrass
Timothy

FESCUES

Creeping Red
Fawn Tall
Ky 31 Tall
3-Way Turf Type Tall Blend
Celestial Creeping Red
Radar Chewings

SEED TYPE

Compass Chewings Beacon Hard Big Hord Hard

Sheep

CLOVERS – PRE INOCULATED

Alsike
Landino
Medium Red
White Dutch
Yellow Blossom Sweet

STABILIZATION GRASS

Crown Vetch Winter Rye Alsike Clover

ALFALFA – PRE INOCULATED

Vernal

BENTGRASS

PC 2.0

007 Bentgrass

- Inquire about our QUANTITY DISCOUNTS and TAILORED BLENDING SERVICES.
- VARIETIES CONTINGENT UPON AVAILABILITY

FREE DELIVERY

RHINO TURFGRASS INFORMATION

Bluegrasses (1,250,000-1,500,000 seeds per lb.)

- Kentucky Bluegrass is one of the best-adapted and most widely used types of turfgrass in the Midwest. <u>The strengths of Kentucky Bluegrass:</u>
 - 1. A strong spreading growth habit due to underground rhizomes.
 - 2. Very good wear tolerance and recovery, again due to underground rhizomes.
 - 3. Excellent color, density, texture and appearance of turf.
 - 4. Many excellent varieties are available for use by consumers.
- The biggest weakness of Kentucky Bluegrass is it's slow rate of germination and establishment. Typically is takes 3 to 4 weeks to get a good stand of seedling turf. Also, bluegrass tends to perform poorly during the hot summer months, when growth slows down and it is subject to summer "patch" diseases.
- Bluegrasses are best used in blends and mixtures. By blending different varieties, a maximum genetic diversity can be obtained. Mixing bluegrass with improved (or turf-type) perennial ryegrass also expands the genetic diversity. Bluegrass blends should be planted at 2-3 lbs. per 1,000 sq. feet. Blue/Rye mixes should be seeded at 4-7 lbs. per 1,000 sq. ft. Higher seeding rates result in quicker establishment and better weed control, but extra care has to be taken because 'too high' can lead to a weaker stand of turf susceptible to disease pressure. Early fall seeding is ideal, with spring seeding second best.
- Normally fall fertilization should be emphasized in managing bluegrass turf. Light fertilizer application in late August and September followed by a heavier application of fertilizer in October is a good guideline. Spring applications should be light to slow down excessive top growth. Bluegrass turf should receive 3-5 lbs of nitrogen per 1,000 sq. ft. per year.
- WHAT DOES THE DESIGNATION "ELITE" MEAN FOR KENTUCKY BLUEGRASS?

A Kentucky bluegrass variety can only be designated as "Elite" if it possesses these five characteristics:

- 1. Top quality turf scores
- 2. Very dark green color
- 3. Fine leaf texture
- 4. Excellent density
- 5. Excellent resistance to the major turf diseases

Perennial Ryegrass (250,000-300,000 seeds per lb.)

• Perennial Ryegrass is an extremely popular turfgrass for Michigan and the Midwest. This most versatile of grasses has a place in most premium lawn seed mixtures.

The strengths of improved Perennial Ryegrass are as follows:

- 1. Excellent germination and establishment
- 2. Excellent wear tolerance
- 3. Exceptional color, leaf texture, and appearance
- 4. Very good disease resistance
- 5. Compatible with bluegrass and fine fescue
- 6. Excellent for overseeding thin or damaged turf
- Although Perennial Ryegrass is an excellent turfgrass, it does have a few weaknesses. Namely, it does have bunch-type growth habits, has only fair shade tolerance and doesn't perform well under low fertility. There are new varieties now available that have lateral strands.
- Perennial Ryegrass can be used alone or in an improved blend, or it can be mixed with Kentucky bluegrass and fine fescue. A bluegrass-ryegrass mixture is particularly desirable because they complement each other so well on color, disease resistance, and traffic tolerance. Mixes with fine fescue are good for lower maintenance conditions.
- Perennial Ryegrass can be seeded anytime but late summer to early fall is the best time, with spring being second best. Seeding rates from 5-7 lbs. per 1000 square feet are recommended with the higher rates useful for the quickest possible establishment.
- Fall fertilization should be emphasized in managing Perennial Ryegrass turf. Light applications in late August and September followed by a heavy application of complete fertilizer in October is a good guideline. Spring applications should be lighter to avoid excessive spring growth. Perennial Ryegrass is often "stemmy" in May as the emerging seed heads grow through the turf and a light nitrogen application then will help the turf grow out of this condition. Turf-type Perennial Ryegrass turf should receive 3-5 lbs. of nitrogen per 1000 sq. ft. per year for optimum results.

FREE DELIVERY





RHINO TURFGRASS INFORMATION

Fine Fescues (400,000-700,000 seeds per lb.)

- The Fine Fescues are widely used in Michigan and the upper Midwest for shady areas and for lower maintenance situations. There are four sub species of Fine Fescue that are used as turfgrass. They are:
 - 1. <u>Creeping Red Fescue</u> the most commonly used due to its creeping growth habit and better establishment.
 - 2. <u>Chewings Fescue</u> The best overall turf type due to its attractive fine-leafed appearance and ability to tolerate lower cutting heights.
 - 3. <u>Hard Fescue</u> Rapidly increasing in popularity due to its excellent heat and drought tolerance plus superb performance on low maintenance, acidic lawns.
 - 4. <u>Sheep Fescue</u> Useful for only the lowest of maintenance in unmaintained areas.
- Creeping, Chewings, and Hard Fescue are usually mixed with Kentucky Bluegrass and Perennial Ryegrass to provide high quality and versatile seed mixtures that are adaptable to any situation.
- All Fine Fescues are considered medium in germination time (2-3 weeks), and establishment (approximately halfway between bluegrass and ryegrass). The normal seeding rate is 5-6 lbs. per 1000 square feet. Fine Fescue seedlings are sensitive to traffic and wear so avoid use until they're established.
- Fine Fescues grow more slowly and require about half the nitrogen of bluegrass or ryegrass. They also like acid soils and don't need lime. Light fertilizer applications in the fall and spring are best. Keep summer applications of fertilizer and water to a minimum.

Turf Type Tall Fescue (200,000–250,000 seeds per lb.)

- The improvement of Turf Type Tall Fescue has played a major role in the upgrading of Midwestern Turf. Until just 20 or so years ago, the old pasture grass called "Kentucky 31" (Developed in Kentucky in 1931) was the major variety. Advances in breeding have since made KY31 obsolete for improved turf and we now have many great new varieties to choose from. KY31 and Fawn varieties are still used in erosion control situations where aesthetics are not a factor.
- These turfgrasses have the best heat and drought tolerance of any cool season grass. They will remain green and growing long after ryegrass, bluegrass, or fine fescue has gone dormant. Also, improved tall fescues require less fertilizer and water than other species and have better adaptability to low fertility and high or low pH soils. Tall fescue is also a very tough grass and has excellent wear tolerance once well established.
- Tall Fescue is great on it's own but can also be mixed with less aggressive bluegrasses on a 90% tall fescue, 10% bluegrass basis. If ryegrass is desired in the mix, use a 70% 20% 10% mix of tall fescue, perennial ryegrass, and Kentucky bluegrass respectively.
- Tall Fescue does have weaknesses. It is not as attractive as Kentucky Bluegrass or Perennial Ryegrass, and it does not spread quickly like bluegrass. Also, in hot humid areas it may get Pythium or Brown Patch Disease.
- A seeding rate of 6-10 lbs per 1,000 square feet is recommended for tall fescue. Establishment time is quite rapid (i.e. 2-3 weeks), but avoid putting traffic on the new stand for several months at least.
- Fall fertilization is excellent for tall fescue. It helps recover the turf from any summer damage and strengthens the turf for the winter and spring months. Keep spring fertilization low to avoid too rapid growth, and fertilize only if needed in the summer.

Bentgrass (6,000,000-7,000,000 seeds per lb.)

- Bentgrass is a specialty turfgrass in that it is generally used for golf course settings . . . greens, tees, and fairways. It is a very 'high maintenance' type of grass. It requires special management practices as it is more susceptible to disease pressure, and needs to be maintained (cut) very short. It is not recommended for lawn use.
- Bentgrass is a perennial grass that spreads by rhizomes and stolons. It is not tolerant of dry conditions, nor shaded environments. Thus, again, it is not recommended for lawn use.
- The seeding rate for bentgrass is 1/2 to 2 lb per 1,000 square feet as the seed size is very small. It is never recommended to mix bentgrass with other types of grass for 'lawn use'.
- 'Redtop' is a type of bentgrass that is used primarily in erosion or some pasture mixes for wet or low land applications. It is normally not used in premium lawn or turfgrass situations.

FIELD SEEDS/NATIVE SEEDS

FIELD SEEDS/NATIVE SEEDS

- We custom mix or blend seed to your site specifications and deliver for Free.
- Some native species and wetland mixes are mixed off site and shipped in. Call us with the specifications per job site, and we will help with pricing and availability.
- Please call for current information as pricing and availability may change.

VARIETY	GERMINATIC	DN	SEEDING RATE	COLOR	
Field Grass					
Bromegrass Tetraploid Ryegrass Orchardgrass Rape Seed Red Top Timothy Winter/Cereal Rye	14 Days 7-10 Days 21 Days 3-7 Days 10 Days 10 Days 7-10 Days		15-20 lbs. per Acre 15-30 lbs. per Acre 20-30 lbs. per Acre 20 lbs. per Acre 10 lbs. per Acre 6 lbs. per Acre 112 lbs. per Acre	Grayish white Dark Green Medium-Dark Green Medium Green Medium Green Medium Green Medium green	
Native Grasses (Availab	le Special Orde	er)			
Big Blue Stem Blue Gramma Buffalo Grass Canadian Wild Rye Forage Sorghum Indian Grass Little Bluestem Sand Drop Side-Oats Gamma Switch Grass	20-25 Days 20-25 Days 14-21 Days 25-30 Days 25 Days 30 Days 30 Days 15-20 Days 15-20 Days 15-20 Days		18-20 lbs. per Acre 12-14 lbs. per Acre 20-40 lbs. per Acre 14-16 lbs. per Acre 25 lbs. per Acre 18-20 lbs. per Acre 30 lbs. per Acre 18-20 lbs. per Acre 12-14 lbs. per Acre 20 lbs. per Acre		
Legumes					
Alsike Clover Alfalfa Ladino Clover Med. Red Clover Trefoil, Birdsfoot White Dutch Clover Y.B. Sweet Clover	7-10 Days 21 Days 14 Days 21 Days 12 Days 7 Days 14 Days		6 lbs. per Acre 15-20 lbs. per Acre 6 lbs. per Acre 10-12 lbs. per Acre 6-8 lbs. per Acre 6 lbs. per Acre 10-15 lbs. per Acre	White Pinkish Blossor Medium green /White White Blossom Bright Red Blossoms/ Yellow Blossom White Blossom Yellow Blossom	e-Purple Blossom
Crownvetch					
Penngift/Emerald	30 Days		1 lb. per 1,000 sq. ft.	Purple Blossoms	
Wildflower Mixes			SEEDS PER/LB.	COLOR	1-10 SHADE
Sunny Partial Shade Midwest Rhino Low Grow/	14-30 Days 14-30 Days 14-30 Days	235,000 435,000 495,000	8-12 lb. per Acre 8-12 lb. per Acre 8-12 lb. per Acre	Very Colorful Very Colorful Very Colorful	4 6 4
Low Profile Pollinator Mix	14-30 Days 14-30 Days	625,000 300,000	8-12 lb. per Acre 10-12 lb. per Acre	Very Colorful Very Colorful	4 4
Bentgrass (Other Varieties S	Special Order)				
007 Creeping Bentgrass	*Call for avai	lability			
PC 2.0	10-12 Days	6,056.075	1-2 lb. per 1000 sq. ft.	Medium Green	5

WILDFLOWER SEED

WILDFLOWER SEED

Rhino Sunny Wildflower Mix

Over 30 types of Annuals and Perennials provide excellent color and variety. 18"-36" tall. Seed at 10-12#/Acre

Seed varieties: Dwarf Columbine Calendula Aster Cornflower Siberian Wallflower Garland Chrysanthemum Shasta Daisy Clarkia **Chinese Houses** Lance-Lvd. Coreopsis Plains Coreopsis Cosmos Sulphur Cosmos Chinese Forget-Me-Not Larkspur Giant Imperial Mix Sweet William Purple Coneflower California Poppy Annual Gaillardia Perennial Gaillardi Bird's Eves Dame's Rocket Candvtuft **Tree Mallow** Spurred Snapdragon Scarlet Flax Blue Flax Sweet Alvssum Perennial Lupine Maltese Cross **Evening Scented Stock** Four-O'Clock Lemon Mint Five-Spot Corn Poppy, Shirley Poppy Mignonette Gloriosa Daisy Black-Eyed Susan Scarlet Sage Catchfly Marigold Tall Tall and Dwarf Nasturtium

Rhino Midwest Wildflower Mix

Mixture designed for our area. Annuals and Perennials, provide brilliant color. Seed at 8-12#/Acre grows 18"-36" tall.

Seed varieties: NE Aster Cornflower Siberian Wallflower Lance-Lvd. Coreopsis Plains Coreopsis Larkspur Giant Imperial Mix Sweet William Purple Coneflower Perennial Gaillardi Annual Gaillardia Blue Flax Perennial Lupine Dwarf Evening Primrose Red Corn Poppy, Flanders Poppy Prairie Coneflower Clasping Coneflower Black-Eyed Susan Catchfly

Rhino Pollinator Mix

Designed to attract bees and butterflies. Plant in a full sun area. The annual and perennial mix provide brilliant color with spring through fall blooms. Seed at 10-15#/acre. Grows 24"-72" tall.

Seed varieties: Butterfly Milkweed NE Aster Lance-Lvd. Coreopsis Cosmos Siberian Wallflower Purple Coneflower California Poppy Perennial Gaillardi Sunflower Gayfeather Sweet Alyssum Perennial Lupine Bergamot **Baby Blue-Eyes Common Evening Primrose** Red Corn Poppy, Flanders Poppy Lacy Phacelia Prairie Coneflower Crimson Clover

- Exact varieties may change depending on availability.
- Individual Wildflower varieties and/or custom mixes are available... special order.
- Prairie or Meadow Mixes with Fescues or Native Grasses are also available.

Rhino Partial Shade Wildflower Mix

Perennial & Annual Mixture tolerates some shade, provides beautiful color with enough sunlight. Grows 12"-30" tall. Seed at 8-12#/Acre

Seed varieties: Dwarf Columbine Cornflower Siberian Wallflower Shasta Daisv Clarkia Lance-Lvd. Coreopsis **Plains Coreopsis** Chinese Forget-Me-Not Larkspur Giant Imperial Mix Sweet William Foxalove Tree Mallow **Baby Blue-Eyes** Red Corn Poppy, Flanders Poppy

Rhino Low Grow/Low Profile Wildflower Mix

Great performing mix of annuals and perennials. Grows 12"-18" tall. Seed at 8-12#/Acre

Seed varieties: Cornflower Siberian Wallflower Godetia Chinese Houses Lance-Lvd. Coreopsis **Plains Coreopsis** Chinese Forget-Me-Not Sweet William African Daisy California Poppy Candytuft Blue Flax Sweet Alyssum **Baby Blue-Eyes** California Bluebell Catchfly

ATHLETIC FIELD SIZES

ATHLETIC FIELD SIZES

Golf Course	Dimensions	Sq .Ft.	Acres
Green		4,000-7,000 sq. ft.	
Тее		3,000-8,000 sq. ft.	
Fairway		130,000-260,000 sq. ft.	3-6 acres
Rough		87,000-130,000 sq. ft.	2-3 acres
ootball Field			
Field	160x360 ft.	57,600 sq. ft.	1-1/3 acres
Baseball Diamond			
Infield Area	90x90 ft.	8,100 sq. ft.	
Home plate to Left Field		300-360 sq. ft.	
Home plate to Center Field		360-410 sq. ft.	
Home plate to Right Field		300-360 sq. ft.	
Mound to Home Plate		60 ft. 6 in.	
Home Plate to First Base		90 ft.	
Home Plate to Second Base		127 ft. 3-3/8 in.	
Home Plate to Third Base		90 ft.	
		70 H.	
ennis Court			
Regulation	78x36 ft.	2,808 sq. ft.	
Full	120x60 ft.	7,200 sq. ft.	
ioccer Pitch			
Small	195x330 ft.	64,350 sq. ft.	1-1/2 acres
Large	225x330 ft.	74,250 sq. ft.	1-3/4 acres
lugby Pitch			
	328x226 ft.	4,128 sq. ft.	1-3/4 acres
lockey Pitch			
Small	301x164 ft.	46,364 sq. ft.	1-1/8 acres
Large	300x180 ft.	54,000 sq. ft.	1-1/4 acres
Cricket Square			
	90x90 ft.	8,100 sq. ft.	
Croquet			
	75x40 ft.	3,000 sq. ft.	
.awn Bowling			
Minimum	110x110 ft.	12,100 sq. ft.	
Maximum	125x110 ft.	13,750 sq. ft.	

PREMIUM HYDROMULCHES

PROFILE CELLULOSE MULCH 50# Bale 40/pallet (MLPROMULCH)

Premium Paper Hydromulch. Clean recycled newsprint dyed green. MDOT approved! Can be used anywhere but works better on flatter ground. Apply at 1,500-1,800 lbs./acre, 34-41 lbs./1,000 sq. ft., 50# bale covers 1,200-1,450 sq. ft.

PROFILE PLUS CELLULOSE MULCH WITH TACK 50# Bale 40/pallet (MLPROPLUSMULCH)

Premium Paper Hydromulch plus tackifier. Clean recycled newsprint dyed green. MDOT approved! Premium grade cold water dispersible organic tackifier premixed at 3% by weight. Apply at 1,500-1,800 lbs./acre, 34-41 lbs./1,000 sq. ft., 50# bale covers 1,200-1,450 sq. ft.

PROFILE SB 50/50 WOOD CELLULOSE MULCH 50# Bale 40/pallet (MLPROFILE5050PLUS)

New ratio of clean cellulose and exceptional Thermally Refined® wood fibers with a premium tackifier for enhanced performance and application efficiency. Apply at 1,500-1,800 lbs./acre, 34-41 lbs./1,000 sq. ft., 50# bale covers 1,200-1,450 sq. ft. Erosion control on slopes of 2.5:1 or flatter.

MAT FIBER (GREEN LABEL) 50# Bale 40/pallet (MLMAT)

100% Premium Wood Fiber mulch dyed green. Apply at 1,500-1,800 lbs./acre, 34-41 lbs./1,000 sq. ft., 50# bale covers 1,200-1,450 sq. ft. Erosion control on slopes of 4:1 or flatter.

MAT FIBER PLUS (PURPLE LABEL) 50# Bale 40/pallet (MLMATPLS)

100% Premium Wood Fiber mulch dyed green, plus a high quality water dispersible natural tackifier premixed at 3% by weight. Apply at 1,500-1,800 lbs./acre, 34-41 lbs./1,000 sq. ft., 50# bale covers 1,200-1,450 sq. ft. Erosion control on slopes of 2.5:1 or flatter.

MAT BLEND (ORANGE LABEL) 50# Bale 40/pallet (MLMATFIB)

Clean recycled newsprint blended with premium wood fiber, dyed green. Apply at 1,500-1,800 lbs./acre, 34-41 lbs./1,000 sq. ft., 50# bale covers 1,200-1,450 sq. ft. For sites with little to no slope.

MAT BLEND PLUS (BLUE LABEL) 50# Bale 40/pallet (MLMAT50PLS)

Clean recycled newsprint blended with premium wood fiber dyed green, plus a high quality water dispersible natural tackifier premixed at 3% by weight. Apply at 1,500-1,800 lbs./acre, 34-41 lbs./1,000 sq. ft., 50# bale covers 1,200-1,450 sq. ft. For sites with mild slopes.

TACKIFIERS AND DYE

LAWN TACK - MULCH & STRAW TACKIFIER

Natural high quality cold water dispersible guar gum based tackifier. Provides quick, inexpensive, effective erosion control of mulch & soil. Combines easily with mulch & water.

MDOT Approved 50 lb. box

50 lbs. per acre (MLLAWNTK50) 30 cs/pallet

EARTH BOND TACKIFIER - MULCH & STRAW TACKIFIER 3 lb. Container 6/Case (MLEBTACK)

Premier polyacrylamide (PAM) water dispersible granule. Re-sealable, water proof container with mixing guide. Easy to use. 3 lb/Acre

PROFILE SLIKCOLOR DYE 11 Ib. Container 2 Containers per box (MLPROFILEPLUSSLIKJUG)







EE DELIVERY



EZ STRAW®



EZ STRAW® SEEDING MULCH W/TACKIFIER 2.5 Cu. Ft. Bale 40/pallet (MLEZSTRAWMULCH) Covers up to 600 Sq. Ft. Processed Straw, plus an all natural tacking agent. CLEAN, NEAT & EASY! Great for small jobs. - **MDOT APPROVED**



EZ STRAW® SEEDING MULCH W/ TACKIFIER MINI 1 cu. ft. 24/pallet Covers up to 200 Sq. Ft. (MLEZSTRAWMULCH11)



EZ STRAW® LAWN REPAIR MIX 28# 40/pallet (MLEZSTRAWSUNSHD)

An all organic lawn repair combination product with premium grass seed, organic fertilizer, processed straw and tackifier. Spreads much easier than paper and no need to rake up the straw as it biodegrades into the soil. The mix is suspended in a compressed bale and available in two sizes for your convenience. More grass seed and coverage than any other product available in the market. Covers 600 sq. ft.



EZ STRAW® LAWN REPAIR MIX 11# 4/case 40/Gaylord pallet (MLEZLRM11SUNSHD, MLEZLRM11SUNSHD4, MLEZLRM11SUNSHD40) Covers 200 sq. ft.



EZ STRAW® JUST STRAW 1 cu. ft. 24/pallet (MLEZJUSTSTRAW)

All-purpose, clean processed straw for many uses. For garden, pets, crafts, home, farm, and more. Convenient bag with a handle, leaves no mess.



FREE DELIVERY

EZ STRAW® WILDFLOWERS 11# Covers 200 sq. ft. 24/pallet (MLEZWILDFLOWER)

Our custom blend of approximately 25 annual and perennials, mostly native seed. Spreads EZ, and retains moisture. A range of maturities, plant heights, and picturesque blossom of color. Convenient bag with a handle, leaves no mess.



EZ STRAW® DEER FORAGE 11# Covers 500 sq. ft. 24/pallet (MLEZDEERFORAGE11)

The first all in one combination deer forage mix. Formulated with preferred and nutritious legumes, fast establishing ryegrass plus the wildlife sensation, chicory. Highly palatable forage for energy and protein needs of developing antlers and milking does. Designed to deliver a year-round, high quality, nutritional food plot.

PennMulch. PENNMULCH 40# Bag 50/pallet (MLPENN40#)

Pelletized paper mulch with starter fertilizer and tackifier. Moisture holding polymer to aid germination. Great for smaller jobs or repairs. Covers 750-800 sq. ft.



EROSION CONTROL BLANKETS

RHINO EROSION KING STRAW BLANKETS

High quality erosion control blanket made with clean processed straw. Ecocycle Rapid Degrade photo-degradable netting and thread. Wood Stakes, and Metal Staples are sold separately. Use approx. 150 pegs per 100 SYD blanket. Available in both Single Net, and High Velocity/Double Net. **MDOT approved**.

- 6' X 100' 66.7 SYD (600 SFT) (ML6X100)
- 6.5' X 138.5' 100 SYD (900 SFT) (ML6.5X138.5)
- 8' X 112.5' 100 SYD (900 SFT) (ML8X112.5)

500 syd 8' x 563' and 16' wide rolls available by special order.

RHINO EROSION KING JR. STRAW BLANKET 4' WIDE ROLLS

Same product as above just smaller width. Use in narrow locations between walk and curbs, or under downspouts. Use 50-75 pegs per blanket depending on slope. Stakes/pegs/staples sold separately.

Single Net rolls are individually stretch-wrapped and packed 16/pallet. MDOT approved.

• 4' x 112.5' 50 SYD (450 SFT) (ML4X112.5)

RHINO EZ STRAW® STRAW BLANKET

4 x 50 ft. roll in high quality retail packaging. Comes in a 9 pack (36/pallet), and 24 pack pallet. Stakes included. Shrink wrapped and palletized for easy handling and storage.

• 4 x 50 (200 sq. ft.) 9 pack (ML4X509PK) 24 pack (ML4X5024PK)

SPECIAL ORDER ITEMS

Excelsior Wood Blankets • Straw/Coconut Blend Blankets • Coconut Blankets • Turf Reinforcement Mats • Straw Wattles

ANCHORING STAKES AND STAPLES

METAL STAPLES 6" X 1" X 6" 1,000/box 60/plt (ST6X1X6)

Also packages of 50/bag (ST50STAPLE)

WOOD ANCHOR STAKES 6" 1,000/box MDOT Approved. 24 box/plt (STANCHOR)

Also packages of 50/bag (ST50ANCHOR)



72" Tree Stakes 2" X 2" X 72" (ST2X2X3)

RHINO SILT FENCE

24" CONTRACTOR PLUS 24" x 100' Premium Grade Geotextile Fabric, 6' post spacing, w/lathe 56/pallet

(SF24PREM6.0LATH)

MDOT 36" x 100' DOT Grade Geotextile Fabric, 6' post spacing, heavy duty post, with lathe 20/pallet (SF36MDOT6.0LATH)

- All stock silt fence rolls are 100' long
- Other size and types available





36" Stakes

2" X 2" X 36" (ST2X2X6)

FERTILIZER - SPORTS TURF

15-30-15 SUPER STARTER 40/pallet (FRSUPER)

20% Slow release nitrogen. Great starter formula. Covers up to 15,000 sq. ft. per 50 lb bag. SGN200.

20-20-20 PLUS WATER SOLUBLE STARTER 80/pallet (FR202020WS)

Great starter formula. Covers up to 5,000 sq. ft. per 25 lb bag.



25-0-15 PREMIUM FERTILIZER (ZERO PHOSPHORUS) 40/pallet (FR25015)

50% slow release nitrogen, SOP - 2% iron. Covers 12,500 sq. ft. per 50 lb bag. SGN200.

30-0-10 PROFESSIONAL FERTILIZER (ZERO PHOSPHORUS) 40/pallet (FR30010)

50% slow release nitrogen, MOP - 2% iron. Covers 15,000 sq. ft. per 50 lb bag. SGN200.

FERTILIZER - ALL MINERAL

<u>12-12-12 ALL PURPOSE FERTILIZER</u> 40/pallet	Covers 6,000 sq. ft. per 50 lb bag.	(FR121212)
<u>19-19-19 ALL PURPOSE FERTILIZER</u> 40/pallet	Covers 9,500 sq. ft. per 50 lb bag.	(FR191919)
<u>6-24-24 ALL PURPOSE FERTILIZER</u> 40/pallet	Covers 12,000 sq. ft. per 50 lb bag.	(FR062424)

FERTILIZER - MDOT SPECIFICATION

Class A: 23-14-14 40/pallet Applied at 228 lbs/acre = correct MDOT nutrient rate per acre. 40% slow release nitrogen. 50 lb bag Class B: 31-00-14 40/pallet Applied at 120 lbs/acre = correct MDOT nutrient rate per acre. 50 lb bag *1 pallet min. - Special Order

Class C: 39-0-0 40/pallet Applied at 80 lbs/acre = correct MDOT nutrient rate per acre. 50 lb bag *1 pallet min. - Special Order

MILORGANITE CLASSIC FERTILIZER

MILORGANITE CLASSIC 6-2-0 W/4% IRON (FRMIL) 40/pallet Economical Organic fertilizer. Granular Biosolids provide long lasting feeding. Covers 3,000 sq. ft. per 50 lb bag. Non Burning.

WOODACE FERTILIZER - LANDSCAPE AND NURSERY

12-3-6 ACRE ACIDIFYING FERTILIZER (FR1236) Slow release w/ minors. Covers 6-12,000 sq. ft. per 50 lb baa

14-14-14 SLOW RELEASE WITH MINORS (FR141414) Great flowering plant food. Covers 5,700 sq. ft. per 40 lb bag.



FERTILIZER - COMBINATION

22-0-5 WITH DIMENSION FERTILIZER AND PRE-EMERGENT CRABGRASS PREVENTER 40/pallet (FRCG2205)

Controls crabgrass and other annual grass weeds and some broadleaf. Apply April - early May. Covers 12,500 sq. ft. per 50 lb bag. 20% Slow Release Nitrogen.

22-0-5 FERTILIZER WITH TRIMEC BROADLEAF HERBICIDE (WEED & FEED) 40/pallet (FRWDFD2205)

Controls broadleaf weeds, dandelions and more. Apply spring/early fall when active growth occurs. Covers 12,500 sq. ft per 50 lb bag. 50% Slow Release Nitrogen.

21-22-4 FERTILIZER WITH MESOTRIONE 40/pallet (FR21224 W/MESOTRIONE)

Starter fertilizer with .05 Mesotrione, covers 11000 sq. ft., Preemergent weed control.

EC GROW

INSECTICIDES

MERIT .2G W/ 21-0-4 FERTILIZER Grub preventer, apply July. Covers 14,500 sq. ft. per 50 lb bag. (FRMERIT) 50% slow release nitrogen.

DYLOX 6.2G Apply where grubs are active. Provides quick control. Covers 10,000 sq. ft. per 30 lb bag. (CHDYLOX)

BIFENTHRIN For surface feeding insects. Covers up to 10,000 Sq. Ft. 30# Bag (CHINS-BIFENTHRIN)

HERBICIDES

TREFLAN 5G Controls a wide range of annual grasses and broadleaf weeds. Pre - Emergent Flower and Garden bed weed preventer. Covers 22,000 sq. ft. per 40 lb bag (CHTREFLAN)

DRIVE-XLR8 Herbicide post-emergent crabgrass control. 1/2 gallon jug (CHDRIVE)

TRIMEC - 992 "LCO" formula of Trimec. 3-4 pts./acre. 2.5 gallons each. (CHTRIMEC 992)

TRIMEC CLASSIC Classic formula. 3-4 pts./acre. 2.5 gallons each. (CHTRIMEC)

ROUND UP PRO MAX 0.5-2 oz/gal. 1.67 gallons each (CHRUPROMAX)

ROUND UP QUIK PRO Faster knockdown. Dry flowable powder. 1.5 oz/gal Mix. 6.8 lb jug. (CHRUPQPJUG)

SYNGENTA BRAND MESOTRIONE/TENACITY 8 oz. bottle, apply at 5/8 oz. per acre (CHMESO4SC8OZ)

LAWN CARE/FERTILIZER PROGRAM

Application	Product	Date
1ST Application	Fertilizer w/ Slow Release + Crabgrass Preventer	Mid March - April
2ND Application	Fertilizer w/ Slow Release + Broadleaf Weed Control	Late April - Early May
3RD Application	Slow Release Fertilizer Also: Insecticides if needed*	Late June - Early July
4TH Application	Same as #2 above, or Slow Release Fertilizer	Late August - September
5TH Application	Higher Potash blend w/ Slow Release Nitrogen	October - November

There are many variables regarding which fertilizer analysis is 'best' to use. Amount and type of fertilizer used depends on soil type, available irrigation...or precipitation, and the total amount of Nitrogen required per season to reach optimal turf quality. It is usually best to use fertilizer with 'Slow Release Nitrogen'. Always read and follow label instructions for fertilizers, combination fertilizer and pesticide products, and other lawn pest control products. Above dates are estimates depending on weather. Apply all fertilizers to dry turf and water in, except granular 'weed & feed' applications.

* Merit for grub prevention is applied now. Insecticides and fungicides are applied during summer months when infestation(s) are present.

CONSTRUCTION FABRIC/LANDSCAPE FABRIC/BURLAP

WOVEN NEEDLE PUNCHED - HEAVY WEIGHT BLACK FABRIC

Designed for the Professional who wants the best in a finished project. 5 year guarantee against U.V. Deterioration. Woven needle punched material. Almost 100% opaque to prevent photosynthesis & seed germination. Lines Spaced 12" apart, for easy plant alignment. Reduces the need for continual use of chemical herbicide to control unwanted weeds or grasses.

Available in 3 sizes:

3' X 100' - 4.1 oz. Fabric 3 X 250' - 4.1 oz. Fabric 4' x 250' - 4.75 oz. Fabric 6' x 250' - 4.75 oz. Fabric (DE3X100) (DE3X250) (DE4X250) (DE6X250)

PROFESSIONAL 3 OZ. SPUNBOND GREY FABRIC

Provides excellent weed control, filtration and soil separation. The heat-treated spunbond non-woven construction makes it virtually resistant to damage or stress both during and after installation. The unique manufacturing process provides a large number of various opening sizes which allows for water and air to pass, yet prevent weed growth or soil movement. Grey color works well with stone.

Available in 3 sizes: 3' X 100'

(DE3OZPRO)

(DE3PRO3X300)

(DE3PRO4X300)

6' X 300' (DE3PRO6X300)

BURLAP-NON TREATED

48" x 100 yds. - 7 oz. (FEBURLAP48)

72" x 100 yds. - 7 oz. (FEBURLAP72)

4' X 300'

CONSTRUCTION/FILTER/STABILIZATION FABRIC/LARGE ROLL

3' X 300'

(SPECIAL ORDER ONLY)

NW6 - NON-WOVEN 15'X300' 60Z FABRIC Uses - Subsurface drainage, pondliner underlayments

EC8 - NON-WOVEN 15'X300' 80Z FABRIC Uses - Subsurface drainage, Boulder retaining walls, pondliner underlayments

SS5 - WOVEN 200# 12.5'X432' FABRIC Uses - Soil separation and stabilization

EDGING PRODUCTS

DIMEX EDGE-PRO BLACK POLY EDGING

Produced from prime grade sun guarded, polyethylene resins. High guality, heavy duty edging provides easy installation, superior top bead, cold impact strength. **Stakes and connectors sold separately. Pro Lip 20' x 5" 5/bundle (EDPROLIP) 6 lbs. per strip w/stake kit

METAL STAKE KIT

(ST3METAL) 50/case

STAKE - BULK PACK

4 stakes plus 1 connector 100/case or sold indiv. (STMETAL200) (STMETALI) CONNECTORS For Dimex Edge-Pro Edging (EDCONNECT) 25/case

30° (EDCONNECT30) 25/case 45° (EDCONNECT45) 25/case 90° (EDCONNECT90) 25/case

DURAEDGE PREMIUM STEEL EDGING

Dark green protective painted coating. Four 12 Ga. X 14" tapered stakes supplied with each section. Allow 8" per section for overlap. Approx. weight: 1.7 lb/ft. 10/bundle.

12 Ga. X 4" X 10' (EDSTEEL) 3/16" X 4" X 16' (EDSTEEL3/16X4X16BLK - black) or (EDSTEEL3/16X4X16GRN - green) with 6 stakes per piece 1/4" X 5" X 16' available by special order. Extra stakes come in packs of 40.

PREMIUM ALUMINUM EDGING 1/8" X 4" X 16' Mill Finish (EDCURVII)

Includes 5 stakes per strip. Packed 14/box. *Other colors and sizes available Special Order (full case qty. only,) call for pricing and availability.

Colors: Deco Black, Deco Bronze, Deco Green (Deco finishes-powder coat painted.) Sizes: 1/8"x4"x16' - 14/case (same as stock size), 1/8"x5.5"x16' - 10/case, 3/16"x4"x16' - 12/case, 3/16"x5.5"x16' - 10/case.

(800) 482-3130 • www.rhinoseed.com

Dimex LLC



GREAT RAKES

PROFESSIONAL HEAVY DUTY LANDSCAPE RAKES

Strong & Light Double Duty Rake. All magnesium-aluminum alloy with smooth, strong and tapered 2-21/2 teeth with extra heavy tips. Handles are 66" long, 1-1/8" diameter, anodized magnesium-aluminum with a 3/32" wall thickness and rounded end caps. The heavy duty deep grading lip on the edge has a supreme advantage. This is by far the strongest landscape rake on the market.

14" Rake (EQGREAT14) 24″ Rake (EQGREAT24)

36" Rake (EQGREAT36)

EARTHWAY® SPREADERS





#2750 NYLON **BAG HAND CRANK** SPREADER

Nylon Bag with zippered top, High RPM enclosed gears, **Convenient Flow** Control setting, and Single shoulder strap. (EQ2750)



#3100 PROFESSIONAL **HAND CRANK SPREADER**

40 lb. Capacity Hopper, Super Duty enclosed gearbox, **Ev-n Spred Stainless** Steel shut-off plate, wide shoulder harness, powder coated frame. (EQ3100)



#2050P ESTATE GRADE BROADCAST SPREADER

80 lb. Capacity Hopper, Commercial enclosed gearbox, **Ev-n Spred Stainless** Steel shut-off plate, 10" pneumatic tires, powder coated frame. (EQ2050P)



#F80H 80LB COMMERCIAL **SPREADER**

Includes High-Output Tray for use with Rock Salt and other large gauge materials, difficult to spread materials, or for very heavy application rates. (F80H)

FREE DELIVERY

TURFGRASS ESTABLISHMENT

1. Prepare seed bed

- A. Minimum of 4-6 inches of good topsoil
- B. Remove stones
- C. Work soil and rake out lumps.

2. Spread fertilizer

15-30-15 at 5.75 lbs. per 1,000 sq.ft./ 5 bags per acre max. Minimum rate is 3 bags per acre or 3.4 lbs. per 1000 sq. ft.

3. Spread seed

Spread evenly at the rate recommended for your specific variety.

4. Lightly rake

Lightly rake in seed and fertilizer - mix the seed within the 1/4 inch of soil.

5. Apply Mulch

Spread EZ Straw Mulch, Pennmulch, Loose Hydromulch, or straw blanket to protect and enhance establishment.

6. Water! Water! Water!

- A. After seeding, water frequently but light (10-20 minutes). This would be 2 to 3 times per day, depending on how hot and dry the weather is. Continue this frequent watering for 10 days to 2 weeks. Ryegrass should be greening up by now.
- B. After 10 days to 2 weeks, water 1 to 2 times per day, 30-45 minutes each. Bluegrass will start to germinate after about 3 weeks of water.
- C. After 3-4 weeks, reduce the frequency of watering, but increase the length of time the

sprinkler is on. After about 2-3 months you should be watering 1-2 times per week, applying 1 inch of water per week.

7. After 3-4 weeks

After 3-4 weeks, apply 3.5 lbs. of 15-30-15 per 1000 sq. ft.. Repeat this for the first 3 months of establishment.

8. MOW! MOW! MOW!

Mow the new grass as soon as it reaches 2" with very sharp mower blades. Cut off about 1/3 of the grass blade per mowing. Take extra care not to tear up the new turf. By mowing soon and often, the slower-growing Kentucky Bluegrass varieties will have a much better opportunity to fill in.

POLICIES AND PROCEDURES

Hours Seasonal

Monday-Friday Open 8:00 am to 5:00 pm Brighton OPEN Sat. 8:00 am to 12:00 pm (April-October)

Payment Terms

We accept Visa, MasterCard, Discover, American Express, Cash and Checks. Open accounts are available to customers with established credit. We would be happy to provide your company with a line of credit if you can provide sufficient trade and financial references. There is a \$35 charge for returned checks.

Past Due Accounts

Invoices are due from the date of delivery and are expected to be paid when due. A finance charge of 1.5% per month (18% per annum) will be charged to past due accounts in addition to all cost of collection including but not limited to attorney fees and agency fees. Should an account lapse beyond it's terms we reserve the right to deny special/quantity pricing, and all credit privileges until the account is within specified terms.

Special Orders

Non-stock special orders placed will require a 50% deposit. Balance will be required upon delivery.

Prices

Prices are subject to change without notice. Please call for current prices and quotes. Quotes good for 30 days unless noted otherwise.

Grass Seed – Special Packaging

Bulk grass seed is packaged in 50 lb. bags. Smaller sizes are available and will have a packaging charge added:

Less than 50 lb: add .05 per lb. Less than 25 lb: add .10 per lb.

Less than 10 lb: add .20 per lb.

Returns

Returns are accepted ONLY in clean, <u>saleable condition</u>. A 15% restocking charge will be deducted from the credit, except in the case of defective product or our error. No returns allowed on Special Order or Non-Stock Items. All returns must be accompanied by an invoice.

Prices Subject to Change. See Separate Pricelist. Please Call for Current Pricing and Quotes.



CONVERSION CHART

22.680 kilograms

800 ounces

CONVERSION CHART

CONVERSION FROM U.S. TO METRIC

CONVERSION FROM U.S. 10 METRIC			50#	800 ounces	22.080 kilograms
length	MULTIPLY BY	to determine	ton (short)	2,000 pounds	907.18 kilograms
inches	25,400	millimeters	ton (long)	2,240 pounds	1.016.0 kilograms
inches	2,5400	centimeters			
feet	30,480	centimeters	GEOGRAPHIC AR	EA EQUIVALENT TO	OR
	0.9144		acre 4	.840 square yards	4,047 square meters
yards		meters L'hanna hann	acre 4	3,560 square feet	4,047 square meters
miles	1.6093	kilometers			
teaspoons	4.93	milliliters	COOKING MEAS	JRES EQUIVALENT TO	OR
tablespoons		milliliters	drop	1/76 teaspoon	0.0649 milliliter
fluid ounces	29.57	milliliters	teaspoon	76 drops or 1	
cups	0.2363	liters	leaspoon	1/3 teaspoons	4.9288 milliliter
pints	0.4725	liters	table and a	• •	14.786 milliliter
quarts	0.9450	liters	tablespoon	3 teaspoons	14.700 milliner
gallons	3.7854	liters	cup 1	6 tablespoons or	0.00///
cubic feet	0.0283	cubic meters		1/2 pint or 8 oz	0.2366 liter
cubic yards	0.7646	cubic meters	pint	2 cups or 16 oz	0.4732 liter
ounces	28.350	grams	quart 4	cups or 2 pints or	
	0.4536			32 oz	0.9463 liter
pounds		kilograms			
		metric tons	METRIC RELATION	ISHIPS	
square inche		square centimeters	10mm = 1 cm		
square feet	0.0929	square meters	100cm = 1 m		
square yards		square meters	1000m = 1km		
square miles	2.5900	square kilometers	1 hectare = 10,000) square motors	
acres	0.4047	hectares		square melers	
			CONIVERSION	I BETWEEN METR	
length	EQUIVALENT TO	OR	CONVERSION		IC AND U.S.
inch	1/12 foot	2.5400 centimeters	LENGTH	MULTIPLY BY	to determine
foot	12 inches or 1/3 yard	0.3048 meter	millimeters	0.0394	inches
yard	36 inches or 3 feet	0.9144 meter	centimeters	0.3937	inches
rod	16-1/2 feet or 5-1/2 yards	5.0292 meters	meters	3.2808	feet
furlong	220 yards of 1/8 mile	0.2012 kilometer		1.0936	yards
mile	5,280 feet or 1.760 yards	1.6093 kilometers	kilometers	0.6214	miles
(statute)	0,200 1001 01 11,000 yarao		milliliters	0.2028	teaspoons
mile	6,076 feet or 2025 yards	1.8519 kilometers	IIIIIIIIIers	0.0676	-
		1.0017 KIIOIIIEIEIS			tablespoons
(nautical)			1	0.0338	fluid ounces
			liters	1.0582	quarts
VOLUME/D		OR		0.2642	gallons
pint	1/2 quart	0.5506 liter		4.2328	cups
quart	2 pints	1.1012 liters		2.1164	pints
peck	8 quarts or 1/4 bushel	8.8098 liters	cubic meters	35.315	cubic feet
bucket	2 pecks	17.620 liters		1.3080	cubic yards
bushel	2 buckets or 4 pecks	35.239 liters	grams	0.0353	ounces
			kilograms	2.2046	pounds
VOLUME/LIQUID EQUIVALENT TO		OR	metric ton (1,000 kg		short ton
ounce	1/16 pint	29.574 milliliters	square centimeters	0.1550	square inches
gill	4 ounces	0.1183 liter	square meters	1.2960	square yards
-	16 ounces	0.4732 liter	· ·		
pint		0.9463 liter	square kilometers	0.3861	square miles
~			hectares	2.4710	acres
	2 pints of 1/4 gallon			107//	r .
•	2 pints of 1/4 gallon 128 ounces or 8 pints	3.7854 liters	square mile	10,764	square feet
gallon	128 ounces or 8 pints	3.7854 liters	square mile	10,764	square feet
gallon WEIGHT	128 ounces or 8 pints EQUIVALENT TO	3.7854 liters OR	square mile	10,764	square feet
gallon WEIGHT grain	128 ounces or 8 pints EQUIVALENT TO 1/7000 pound	3.7854 liters OR 64.799 milligrams	square mile	10,764	square feet
gallon WEIGHT	128 ounces or 8 pints EQUIVALENT TO 1/7000 pound 1/16 ounce	3.7854 liters OR 64.799 milligrams 1.7718 grams	square mile	10,764	square feet
quart gallon WEIGHT grain dram ounce	128 ounces or 8 pints EQUIVALENT TO 1/7000 pound	3.7854 liters OR 64.799 milligrams	square mile	10,764	square feet

50#





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