



# TARGET PRODUCTS LTD.

## FORESTRY SUPPLY DIVISION

1080 Bradner Road,  
Abbotsford, BC  
V4X 1H8

9503 87 Avenue,  
Morinville, AB  
T8R 1K6



Regular Grit AB Medium Grit AB Coarse Grit AB Forestry Sand BC California Tan Grit CAL

*Supplying Quality Nursery Grit to the Forestry Industry*





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# TARGET PRODUCTS LTD

## FORESTRY SUPPLY DIVISION

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#### PRODUCTS

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- Forestry Sand .....Abbotsford Plant
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#### WHERE DO I BUY?

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- Bulk Bag Materials
- Paper Bag Materials

Our plants specialize in producing the right gradations to meet your requirements at a competitive price.

Please call either Don Larsen or Merv Rogan to determine the appropriate material, packaging, source and supply for your material needs.



# PLANT LOCATIONS

## British Columbia

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### FORESTRY SAND PRODUCTS

#### TARGET PLANT – Abbotsford

1080 Bradner Rd, Abbotsford BC V4X 1H8  
Tel: 604.856.7976 Fax: 604.856.7972  
Orders: AbbotsfordOrder@Quikrete.ca

ITEM#	FORESTRY SAND	SIZE	BAGS/ PALLET
9992002	Forestry Sand	25 kg	32
9992569	Forestry Sand – Bulk Bag	~700 kg	1
9992563	Forestry Sand – Bulk Bag	~1150 kg	1
9992564	Forestry Sand – Bulk Bag	~1650 kg	1
9996906	California Tan #8	22.7 kg	56
9996906	California Tan #8 – Bulk Bag	~900 kg	1

## Alberta

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### FORESTRY SAND PRODUCTS

#### TARGET PLANT - Morinville

9503 – 87 Ave, Morinville, AB T8R 1K6  
Tel: 780.939.3033 Fax: 780.939.3044  
Orders: EdmontonOrder@Quikrete.ca

ITEM#	FORESTRY SAND	SIZE	BAGS/ PALLET
9992001	Grit Regular #8-16	25 kg	32
99932504	Grit Regular #8-16 – Bulk Bag	1 tonne	1
9992013	Grit Medium #4-16	25 kg	32
99932501	Grit Medium #4-16 – Bulk Bag	1 tonne	1
99932002	Grit Coarse #4-10	25 kg	32

# FORESTRY SAND

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## PRODUCT

TARGET® Forestry Sand is a well-graded, light grey, processed sand produced from our Abbotsford Plant, British Columbia. It contains mainly natural, uncrushed particles in the 2 to 3 mm (No. 6 to No. 10 sieve) size range. Foreign material and dust are removed in a high temperature drying process by air aspirator and by screening.



Forestry Sand

## USES & ADVANTAGES

TARGET Forestry Sand is suitable for seed and planting operations requiring clean, free-draining sand. Current cultural practices show that most tree species benefit from a grit cover after sowing. The required thickness of this cover varies, but in general the cover depth should not exceed 6 mm (1/4") for small-seeded species and 9 mm (3/8") for large-seeded species.

The main function of the grit is to keep the seed anchored during germination. The cover also protects the seed from direct sunlight and aids the moisture retention necessary for germination. Water and air are readily able to penetrate the sand, but moss and algae growth and the resultant adverse effects on germination and seedling growth are inhibited by the relatively inert sand particles. Crusting, which hinders water penetration, does not occur to any significant extent with TARGET Forestry Sand. Significant crusting often occurs with poorly graded sands. Because it is dry, dense, and evenly graded, TARGET Forestry Sand is easily applied and anchors the seed well. Perlite and vermiculite have proven to be poor seed covering materials because they have a light density and tend to blow off.

Because TARGET Forestry Sand is chemically neutral it does not interfere with seedling nutrition programs.

## PHYSICAL PROPERTIES

Colour	Grey
Grain Shape	Sub-round
Bulk Density	100 lb/ft <sup>3</sup> (1602 kg/m <sup>3</sup> )
Hardness, Moh	6 - 6.5
Specific Gravity	2.65
Moisture Content	<0.1% weight

## PACKAGING

TARGET Forestry Sand is available in 25 kg (55 lb) multi-wall paper bags, 1000 kg (2200 lb) and 1750 kg (3850 lb) bulk bags, and bulk handling systems..

Product performance is affected by many factors, including storage, method and conditions of application and use. User testing is ESSENTIAL to determine suitability of product for intended method of application and use. Target's SOLE WARRANTY is that the product has been manufactured to specifications. No oral or written information or advice shall increase this warranty or create new warranties. Target's SOLE LIABILITY is to replace product proved defective. In no event shall Target be liable for any consequential, indirect or other damages whether arising from negligence or otherwise.

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# FORESTRY NURSERY GRITS

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## PRODUCT

TARGET® Forestry Nursery Grits are a well-graded, light tan, processed sands produced from Alberta sources. The product is available in three size ranges to suit various planting conditions. Each grade contains mainly natural, rounded particles. Foreign material and dust are removed in a high temperature drying process and by screening. The available sizes are:

- TARGET Regular Forestry Nursery Grit 2.4 to 1.2 mm (No.8 to No.16)
- TARGET Medium Forestry Nursery Grit 4.8 to 1.2 mm (No.4 to No.16)
- TARGET Coarse Forestry Nursery Grit 4.8 to 2.4 mm (No.4 to No. 8)

## USES & ADVANTAGES

TARGET Forestry Nursery Grit products are suitable for seed and planting operations requiring clean, free-draining sand. Current cultural practices show that most tree species benefit from a grit cover after sowing. The required thickness of this cover varies, but in general the cover depth should not exceed 6 mm (1/4") for small-seeded species and 9 mm (3/8") for large-seeded species.

The main function of the grit is to keep the seed anchored during germination. The cover also protects the seed from direct sunlight and aids the moisture retention necessary for germination. Water and air are readily able to penetrate the sand, but moss and algae growth and the resultant adverse effects on germination and seedling growth are inhibited by the relatively inert sand particles. Crusting, which hinders water penetration, does not occur to any significant extent with TARGET Forestry Nursery Grits. Because they are dry, dense, and evenly graded, TARGET Forestry Nursery Grit products are easily applied and anchor the seed well. Perlite and vermiculite have proven to be poor seed covering materials because of their light density, which allows them to be blown off.

Because TARGET Forestry Nursery Grits are chemically neutral they do not interfere with seedling nutrition programs.



Regular Grit



Medium Grit



Coarse Grit

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# FORESTRY NURSERY GRITS

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## PHYSICAL PROPERTIES

Colour	Tan
Grain Shape	Sub-rounded
Bulk Density	1474 - 1522 kg/m <sup>3</sup> (92 - 95 lb/ft <sup>3</sup> )
Hardness, Moh	6.5 - 7
Specific Gravity	2.65
Moisture Content	<0.1% weight

## PACKAGING

TARGET Forestry Nursery Grits are available in 25 kg (55 lb) multi-wall paper bags, 1000 kg (2200 lb) and 1750 kg (3850 lb) bulk bags, and bulk handling systems.



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# CALIFORNIA TAN NURSERY GRIT

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## PRODUCT

TARGET® Coarse California Tan Nursery Grit is a well-graded, processed sand produced from California sources. It contains mainly natural, sub-rounded to sub-angular particles in the No. 8 to No. 1/4" sieve (2 to 6 mm) size range. Foreign material and dust are removed in a high temperature drying process and by screening.



California Tan Grit

## USES & ADVANTAGES

TARGET Coarse California Tan Nursery Grit is suitable for seed and planting operations requiring a clean, free-draining sand. Current cultural practices show that most tree species benefit from a grit cover after sowing. The required thickness of this cover varies, but in general the cover depth should not exceed 1/4" (6 mm) for small-seeded species and 3/8" (9 mm) for large-seeded species

The main function of the grit is to keep the seed anchored during germination. The cover also protects the seed from direct sunlight and aids the moisture retention necessary for germination. Because it is dry, dense, and evenly graded, TARGET Coarse California Tan Nursery Grit is easily applied and anchors the seed well. Water and air are readily able to penetrate the sand, but moss and algae growth and the resultant adverse effects on germination and seedling growth are inhibited by the relatively inert sand particles. Crusting, which hinders water penetration, does not occur to any significant extent with TARGET Coarse California Tan Nursery Grit. Significant crusting often occurs with poorly graded sands. Perlite and vermiculite have proven to be poor seed covering materials because they have a light density and tend to blow off.

Because TARGET Coarse California Tan Nursery Grit is chemically neutral it does not interfere with seedling nutrition programs.

## PHYSICAL PROPERTIES

Grain Shape	Sub-round
Bulk Density	100 lb/ft <sup>3</sup> (1602 kg/m <sup>3</sup> )
Hardness, Moh	6 - 6.5
Specific Gravity	2.65
Moisture Content	<0.1% weight

## PACKAGING

TARGET Coarse California Tan Nursery Grit is available in 50 lb multi-wall paper bags and 3000 lb bulk bags

Product performance is affected by many factors, including storage, method and conditions of application and use. User testing is ESSENTIAL to determine suitability of product for intended method of application and use. Target's SOLE WARRANTY is that the product has been manufactured to specifications. No oral or written information or advice shall increase this warranty or create new warranties. Target's SOLE LIABILITY is to replace product proved defective. In no event shall Target be liable for any consequential, indirect or other damages whether arising from negligence or otherwise.

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## CONTACT INFORMATION

### FOR TECHNICAL AND SALES ASSISTANCE

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MERV ROGAN  
DON LARSEN

**Tel:** 1 780 493 1345  
**Tel:** 1 604 556 4137

**Email:** [mrogan@targetproducts.com](mailto:mrogan@targetproducts.com)  
**Email:** [dlarsen@targetproducts.com](mailto:dlarsen@targetproducts.com)

### PLANT LOCATIONS

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#### VANCOUVER PLANT:

1080 Bradner Road  
Abbotsford, BC  
Canada V4X 1H8

**Tel:** 1 604 856 7976

**Fax:** 1 604 856 7972

**Toll Free:** 1 888 484 1258 **Orders:** [AbbotsfordOrder@Quikrete.ca](mailto:AbbotsfordOrder@Quikrete.ca)

DON LARSEN

**Tel:** 1 604 556 4137

**Email:** [dlarsen@targetproducts.com](mailto:dlarsen@targetproducts.com)

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#### EDMONTON PLANT:

9503 87 Avenue  
Morinville AB  
Canada T8R 1K6

**Tel:** 1 780 939 3033

**Fax:** 1 780 939 3044

**Toll Free:** 1 800 575 0500 **Orders:** [MorinvilleOrder@Quikrete.ca](mailto:MorinvilleOrder@Quikrete.ca)

MERV ROGAN

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