



THE DAWN OF GREEN REVOLUTION WITH WHITE GRANULES



Super-Soil

HORTICULTURAL PERLITE

OFFERS SOLUTIONS IN ...

- 🌱 Seed Germination & Transplanting
- 🌱 Hydroponic Growing
- 🌱 Flowers & Vegetable Cultivation
- 🌱 Exotic House and Potted Plants
- 🌱 Stadium & Golf Course Turf
- 🌱 Established & New Lawns

ADVANTAGES OF SUPER-SOIL...

- 🌱 Improves Aeration
- 🌱 Improves Soil Structure and Drainage
- 🌱 Improves Root Growth
- 🌱 Reduces Surface Crusting
- 🌱 Improves availability of
Plant Foods & Water






Super-Soil

HORTICULTURAL PERLITE



GREEN REVOLUTION



The "GREEN REVOLUTION" has brought Super-Soil into many farms and nurseries in our country in the form of the "LITTLE WHITE GRANULES" evident in the soils from professional growers. These white granules are **HORTICULTURAL PERLITE**. Perlite is a unique volcanic mineral when crushed & heated under proper conditions, it pops like "popcorn", expanding to twenty or more times its original volume, forming a granular white material so light in density that it weighs only 40 to 128 Kgs./Cubic Metre. Each particle of Perlite is comprised of tiny closed air cells or bubbles due to which air passages are formed in the growing mix providing optimum aeration. The surface cavities trap moisture and make it available to plant roots and to stem of cuttings. The development of near ideal structural conditions in growing and propagating media is made possible by following characteristics of "Super-Soil".

APPLICATIONS : Super-Soil horticultural perlite alone or with soil is widely used by professionals & home gardeners as follows :



HYDROPONIC GROWING

HYDROPONIC GROWING : Extensive research has shown that superior crop yields result when Super-Soil horticultural perlite is used as a growing medium. In addition, since perlite exhibits a unique water exchange ability, over and under-watering problems are reduced or eliminated. This reduces plant stress, greenhouse labour and irrigation costs. Typical crops grown hydroponically in horticultural perlite are lettuce, cucumbers, tomatoes, cabbage, cauliflower, herbs and strawberries.



TRANSPLANTING

TRANSPLANTING : Moisture-holding insulating perlite minimizes transplanting shock. The media should be kept moist and transplanting should not be attempted until a sturdy, well formed, root system has been developed.



ROOT CUTTINGS

ROOTCUTTINGS : Use flats or containers that permit adequate drainage. Fill 3 to 6 inches Super-Soil horticultural perlite. Set cuttings in place retaining only minimal leaves on them and pack firmly. Keep well watered. With perlite, there's little danger of overwatering. Allow cuttings to develop sturdy roots before transplanting.



FLOWERS & VEGETABLES

FLOWERS & VEGETABLES : Spade soil to a depth of 8-12 inches. Then prepare a uniform mixture of Super-Soil horticultural perlite and the native soil. Mix well, treat the area well before planting to settle the soil evenly.



STADIUM & GOLF COURSE TURFS

STADIUM & GOLF COURSE TURF : Stadium turf and golf green can suffer from compaction which reduces drainage and air in the growing or root zone. The addition of Super-Soil horticultural perlite to soil mixes or top dressing with it can make the turf area more resistant to compaction and improves drainage. Because of the superior water exchange properties of Super-Soil horticultural Perlite, less frequent watering is required. In addition, turf areas that have been treated with horticultural perlite will recover more quickly after use.





SEED GERMINATION

SEED GERMINATION : Use pots or some containers with good drainage and fill only with Super-Soil horticultural perlite or with a mixture of Super-Soil horticultural perlite and soil and sow seeds. Water gently but thoroughly. Cover the containers. Water daily or when necessary. Remove covering when seeds have sprouted.



LAWNS

LAWNS : Super-Soil horticultural perlite can be used to advantage in the planting of new lawns as well as in the upgrading of established lawns. For new lawns, perlite should be filled into the top soil. The lawn may then be sodded or seeded following seed producers recommendations. It improves the texture of soils by increasing aeration and drainage. It also improves the water holding ability of soil.



EXOTIC HOUSE & POTTED PLANTS



EXOTIC HOUSE & POTTED PLANTS : Take the pots with good drainage. Put some gravels at the bottom of the pot. Then put the mixture of Super-Soil horticultural perlite and soil into the pot and put the plant. Users should consult for recommended mixes suited for geographic region & particular crop. Subsequent feeding may be with each watering or at two week intervals. Adequate drainage in pots or containers will prevent possibility of overwatering.

MANUFACTURED BY :



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