



www.asbgreenworld.com

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USA

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Commitment to Nature

In cooperation with nature conservation authorities, ASB Greenworld is constantly re-cultivating peat lands. The prime objective is to return a harvested bog to a functioning wetland or forestation through the restoration process developed by Laval University in Quebec.

ASB Greenworld Ltd., Pte. Sapin



# GROWING MEDIA

FOR HORTICULTURE

www.asbgreenworld.com





For more Informations visit us at [www.asbgreenworld.com](http://www.asbgreenworld.com)

### Your Success in Horticulture is Our Priority – Growth is Our Strength!

#### From one professional to another:

Excellent raw materials – Just-in-time production in modern facilities – customized batch after batch.

Thanks to targeted research and development, ASB Greenworld is constantly upgrading products and exploring new ways to improve production.

#### The ASB quality guarantee

- ASB develops products based on its own high quality raw materials: Constant structure and composition.
- Batch analysis and quality control in all our production sites.
- Regular testing at independent institutes.

## NEW ADDITIVES



### MYCORRHIZAE ULTRAFINE ENDO

#### BENEFITS OF MYCORRHIZAL

- Improved Extraction of Water
- Expanded Root Mass
- Efficiency in Nutrient Uptake
- Increased Transplant Success
- Improved Plant Performance
- Resistance to Drought
- Works well with other Biologicals

#### FOUR MYCORRHIZAE SPECIES vs ONE SPECIES

- Each species has unique benefits
- Each species provides different benefits to plants at different times
- Four species covers a wider range of plants

### MAXroot™

Produces up to 30% larger plants and vegetables

- Increased yields
- Earlier flower/fruit production
- Stronger stems
- Increased root mass
- Improved tolerance to drought and harsh conditions



## GROWER PRODUCTS

| PRODUCT  | CHARACTERISTICS  | SIZE              | UNIT   | ITEM # |
|--|--|-------------------|--------|--------|
|  <b>ASB GROWER MIX 15% PERLITE</b><br>85% Canadian Sphagnum Peat Moss<br>15% Coarse Perlite<br>NPK            | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added               | 110 cu.ft.        | 1/PAL  | 302846 |
|  <b>ASB GROWER MIX 15% PERLITE</b><br>85% Canadian Sphagnum Peat Moss<br>15% Coarse Perlite<br>NPK            | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added               | 60 cu.ft.         | 2/PAL  | 314567 |
|  <b>ASB GROWER MIX 15% PERLITE</b><br>85% Canadian Sphagnum Peat Moss<br>15% Coarse Perlite<br>NPK            | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added               | 3.8 cu.ft.        | 30/PAL | 313667 |
|  <b>ASB GROWER MIX 15% PERLITE</b><br>85% Canadian Sphagnum Peat Moss<br>15% Coarse Perlite<br>NPK           | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added | 80 L / 2.8 cu.ft. | 45/PAL | 310830 |
|  <b>ASB GROWER MIX 15% WOOD FIBER</b><br>85% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>NPK           | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added               | 110 cu.ft.        | 1/PAL  | 314973 |
|  <b>ASB GROWER MIX 15% WOOD FIBER</b><br>85% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>MaxRoot, NPK  | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added               | 110 cu.ft.        | 1/PAL  | 313609 |
|  <b>ASB GROWER MIX 15% WOOD FIBER</b><br>85% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>No Fertilizer | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9                                  | 110 cu.ft.        | 1/PAL  | 315878 |
|  <b>ASB GROWER MIX 15% WOOD FIBER</b><br>85% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>NPK           | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added               | 3.8 cu.ft.        | 30/PAL | 314972 |
|  <b>ASB GROWER MIX 15% WOOD FIBER</b><br>85% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>NPK           | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br>Nutrients Added | 80 L / 2.8 cu.ft. | 45/PAL | 314970 |

| PRODUCT |   | CHARACTERISTICS   | SIZE                | UNIT   | ITEM # |
|---------|---|---|---------------------|--------|--------|
|         | <b>ASB GROWER MIX 20% PERLITE</b><br>80% Canadian Sphagnum Peat Moss<br>20% Coarse Perlite<br>NPK                     | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 312758 |
|         | <b>ASB GROWER MIX 20% PERLITE</b><br>80% Canadian Sphagnum Peat Moss<br>20% Coarse Perlite<br>NPK                     | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 313784 |
|         | <b>ASB GROWER MIX 20% PERLITE</b><br>80% Canadian Sphagnum Peat Moss<br>20% Coarse Perlite<br>NPK                     | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 314912 |
|         | <b>ASB GROWER MIX 25% PERLITE</b><br>75% Canadian Sphagnum Peat Moss<br>25% Coarse Perlite<br>NPK                     | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 306801 |
|         | <b>ASB GROWER MIX 25% PERLITE</b><br>75% Canadian Sphagnum Peat Moss<br>25% Coarse Perlite<br>NPK                     | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 311227 |
|         | <b>ASB GROWER MIX 25% PERLITE</b><br>75% Canadian Sphagnum Peat Moss<br>25% Coarse Perlite<br>NPK                     | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 311049 |
|         | <b>ASB GROWER MIX 10% PERLITE + 10% WF</b><br>80% Canadian Sphagnum Peat Moss<br>10% Wood Fiber<br>10% Perlite<br>NPK | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 315840 |
|         | <b>ASB GROWER MIX 10% PERLITE + 10% WF</b><br>80% Canadian Sphagnum Peat Moss<br>10% Wood Fiber<br>10% Perlite<br>NPK | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 315844 |
|         | <b>ASB GROWER MIX 10% PERLITE + 10% WF</b><br>80% Canadian Sphagnum Peat Moss<br>10% Wood Fiber<br>10% Perlite<br>NPK | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 315841 |



| PRODUCT |  | CHARACTERISTICS   | SIZE                | UNIT   | ITEM # |
|---------|--|---|---------------------|--------|--------|
|         | <b>ASB GROWER MIX 15% PERLITE + 15% WF</b><br>70% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>15% Perlite<br>NPK        | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 315494 |
|         | <b>ASB GROWER MIX 15% PERLITE + 15% WF</b><br>70% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>15% Perlite<br>NPK        | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 315497 |
|         | <b>ASB GROWER MIX 15% PERLITE + 15% WF</b><br>70% Canadian Sphagnum Peat Moss<br>15% Wood Fiber<br>15% Perlite<br>NPK        | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 315499 |
|         | <b>ASB GROWER MIX 20% WOOD FIBER<br/>LOW PH W/GYPSUM</b><br>80% Canadian Sphagnum Peat Moss<br>20% Wood Fiber<br>Gypsum, NPK | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 315677 |
|         | <b>ASB GROWER MIX 30% WOOD FIBER</b><br>70% Canadian Sphagnum Peat Moss<br>30% Wood Fiber<br>NPK                             | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 315495 |
|         | <b>ASB GROWER MIX 30% WOOD FIBER</b><br>70% Canadian Sphagnum Peat Moss<br>30% Wood Fiber<br>No Fertilizer                   | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.9   | 110 cu.ft.          | 1/PAL  | 315641 |
|         | <b>ASB PW30</b><br>70% Canadian Sphagnum Peat Moss<br>25% Coarse Perlite<br>5% Wood Fiber<br>NPK                             | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 313665 |
|         | <b>ASB PW30</b><br>70% Canadian Sphagnum Peat Moss<br>25% Coarse Perlite<br>5% Wood Fiber<br>NPK                             | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 313611 |
|         | <b>ASB PW420</b><br>85% Canadian Sphagnum Peat Moss<br>15% Coarse Perlite<br>5% Wood Fibre<br>NPK, Mycorrhizae               | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 315525 |
|         | <b>ASB PW420</b><br>85% Canadian Sphagnum Peat Moss<br>15% Coarse Perlite<br>5% Wood Fibre<br>NPK, Mycorrhizae               | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 313780 |
|         | <b>ASB PW420</b><br>85% Canadian Sphagnum Peat Moss<br>15% Coarse Perlite<br>5% Wood Fibre<br>NPK, Mycorrhizae               | Grower Grade Structure<br>Long Lasting Wetting Agent<br><b>pH</b> 5.0-5.8<br><b>i</b> Nutrients Added               | 1.75 cu.ft.         | 60/PAL | 313528 |

5.0-5.9  
4.5 - 5.4

| PRODUCT   | CHARACTERISTICS   | SIZE                | UNIT   | ITEM # |
|---|---|---------------------|--------|--------|
|  <b>ASB SEED &amp; PLUG MIX</b><br>85% Canadian Sphagnum Peat Moss<br>15% Fine perlite<br>NPK          | Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 4.7-5.7<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 313845 |
|  <b>ASB SEED &amp; PLUG MIX</b><br>85% Canadian Sphagnum Peat Moss<br>15% Fine perlite<br>NPK          | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 4.7-5.7<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 313847 |
|  <b>ASB ORIGINAL GROWERS MIX</b><br>100% Canadian Sphagnum Peat Moss<br>NPK                            | Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 5.0-5.7<br><b>i</b> Nutrients Added               | 110 cu.ft.          | 1/PAL  | 302847 |
|  <b>ASB ORIGINAL GROWERS MIX</b><br>100% Canadian Sphagnum Peat Moss<br>NPK                            | Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 5.0-5.7<br><b>i</b> Nutrients Added               | 3.8 cu.ft.          | 30/PAL | 302845 |
|  <b>ASB ORGANIC GROWER MIX</b><br>80% Canadian Sphagnum Peat Moss<br>20% Coir<br>Organic Fertilizer    | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 5.0-5.7<br><b>i</b> Nutrients Added | 110 cu.ft.          | 1/PAL  | 310191 |
|  <b>ASB ORGANIC GROWER MIX</b><br>80% Canadian Sphagnum Peat Moss<br>20% Coir<br>Organic Fertilizer   | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 5.0-5.7<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 311796 |
|  <b>ASB GROWER GRADE PEAT MOSS</b><br>100% Canadian Sphagnum Peat Moss                               | Grower Grade Structure<br><br><b>pH</b> 3.5-3.8   | 3.8 cu.ft.          | 30/PAL | 310841 |
|  <b>ASB GROWER GRADE PEAT MOSS WITH 15 % WF</b><br>85% Canadian Sphagnum Peat Moss<br>15% Wood Fiber | Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 3.5-3.8   | 3.8 cu.ft.          | 30/PAL | 315640 |
|  <b>ASB 3 BM BARK MIX</b><br>50% Canadian Sphagnum Peat Moss<br>30% Bark<br>20% Perlite, NPK         | Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 5.8-6.5<br><b>i</b> Nutrients Added               | 60 cu.ft.           | 2/PAL  | 314360 |
|  <b>ASB 3 BM BARK MIX</b><br>50% Canadian Sphagnum Peat Moss<br>30% Bark<br>20% Perlite<br>NPK       | High Moisture Grower Grade Structure<br>Long Lasting Wetting Agent<br><br><b>pH</b> 5.8-6.5<br><b>i</b> Nutrients Added | 80 L/<br>2.8 cu.ft. | 45/PAL | 315205 |

## ASB'S SPECIAL ADDITIVES



Wood Fiber

- Improve air capacity, increase root development – quicker root development.
- Accelerate plant growth.
- Reduce production times, less watering. HydraFiber® mixes dry slower versus perlite and bark mixes.
- Healthy growth and excellent yield.



• 100% renewable, future supplies more reliable and available – an environmentally friendly material – sustainable & biodegradable.

- Optimize available water, reduce disease pressure.
- Less cost versus perlite mixes.
- Lower density product, higher yields per load.
- Used substantially for a variety of crops and containers. Highly versatile.
- Reduce chemical reliance, reduce input cost.



NPK+  
• All-in-one compound fertilizer

Provides even distribution of nutrients in the growing medium, with the added benefits of essential trace elements.

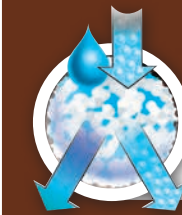
### FEATURES and BENEFITS:

- Ideal balance of nutrients with slow release effect
- Increased percentage of nitrogen in the nitrate form
- Extra Magnesium and all important trace elements: Boron, Copper, Iron, Manganese, Molybdenum and Tin
- Provides even growth and minimizes salt stress
- Even distribution of fertilizer particularly advantageous for trays and cells
- Chloride free

## FURTHER COMPONENTS



**Sphagnum Peat**  
High water and air capacity. Free from harmful substances and diseases. The nutrient level and pH can be optimally adapted to plant requirements.



Perlite  
• Improves drainage and aeration

**Perlite**  
Due to their porous structure, these white grains of mineral volcanic stone optimise the air and water levels in the root areas of plants.



Wetting Agent

**Wetting Agent**  
Surfactants reduce the surface tension of water. Improves the wetting and rewetting capacity.



Lime  
• Adjust the soil pH

**Lime (Neutralizer)**  
Used to adjust the pH-value, gently increases the pH and stimulates soil life.



All standard and speciality mixes available in 110 cu.ft. big bales

