

V. APPENDIX

1. Material for game field

Table 1: Material and color standard

Description	Material	Color	Color Standard (Pantone)
Red Team game field			
Robot 1 Start Zone	Plywood; paint	water Dark Red	PANTONE 1787 C
Robot 2 Start Zone	Plywood; paint	water Dark Red	PANTONE 1787 C
Area 1	Plywood; paint	water Light Brown	PANTONE 804 C
Area 2	Plywood; paint	water Green	PANTONE 362 C
Area 3	Plywood; paint	water Yellow	PANTONE 122 C
Harvesting Zone	Plywood; paint	water Green	PANTONE 362 C
Storage Zone	Plywood; paint	water Green	PANTONE 362 C
Water Zone	Plywood; paint	water Light Blue	PANTONE 2975 C
Fence around the Water Zone	Steel; oil paint	Yellow	PANTONE 804 C
Fence around the game field	Steel; oil paint	Brown	PANTONE 422 C
Blue Team game field			
Robot 1 Start Zone	Plywood; paint	water Dark Blue	PANTONE 2727 C
Robot 2 Start Zone	Plywood; paint	water Dark Blue	PANTONE 2727 C
Area 1	Plywood; paint	water Light Brown	PANTONE 804 C

Description	Material	Color	Color Standard (Pantone)
Area 2	Plywood; water paint	Green	PANTONE 362 C
Area 3	Plywood; water paint	Yellow	PANTONE 122 C
Harvesting Zone	Plywood; water paint	Green	PANTONE 362 C
Storage Zone	Plywood; water paint	Green	PANTONE 362 C
Water Zone	Plywood; water paint	Light Blue	PANTONE 2975 C
Fence around the Water Zone	Steel; oil paint	Yellow	PANTONE 804 C
Fence around the game field	Steel; oil paint	Brown	PANTONE 422 C
Silo	Steel; oil paint	White	PANTONE 663C
Guide line	Non-shiny vinyl tape	White	PANTONE 663C

2. Paddy rice and Empty Grain

- + Material: Synthetic Leather Ball;
- + Weight: from 155 gram \pm 5%;
- + Shape: The ball is spherical in shape and has a diameter equivalent to the standard FIFA Size 3 ball; (190 mm \pm 5%); (Figure 2.1).
- + Colour:
 - Paddy Rice has color that matches the color of the competing team
 - Empty Grain: Purple; Color Standard: Pantone 7655C.



Figure 2.1. Shape of Paddy Rice, Empty Grain (for reference)

3. Seedling

The quantity of seedlings is 12 (Twelve). A seedling consists of the Stem and the Leaf.

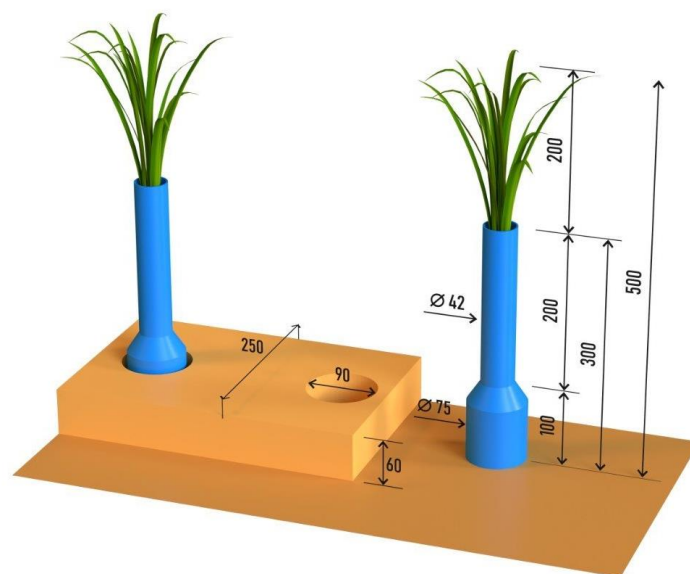


Figure 3.1. Seedling

- + The Seedling Stem is made of PVC pipe material (Figure 3.1)

+ Seedling Leaf: minimum of 6 leaves; Seedling Leaf is made of plastic fiber or soft material.

+ Total weight of a Seedling: 335 gram \pm 5%.

4. The reference link to purchase the items used in the competition

Seedling Stem (PVC, uPVC pipe)

https://vi.aliexpress.com/item/32840703542.html?spm=a2g0o.productlist.main.1.79e72237qreO6C&algo_pvid=a7314168-9388-4296-b2c5-737dd0b2ea29&algo_exp_id=a7314168-9388-4296-b2c5-737dd0b2ea29-0&pdp_npi=3%40dis%21VND%2170772%2149469.0%21%21%212.99%21%21%40211beec16903474230052101d0775%2112000026961678170%21sea%21VN%212156584446&curPageLogUid=X1VsJHy974En

https://vi.aliexpress.com/item/1005004797981757.html?spm=a2g0o.productlist.main.19.79e72237qreO6C&algo_pvid=a7314168-9388-4296-b2c5-737dd0b2ea29&aem_p4p_detail=20230725215703883763029321830003466061&algo_exp_id=a7314168-9388-4296-b2c5-737dd0b2ea29-9&pdp_npi=3%40dis%21VND%2161541%2155387.0%21%21%212.60%21%21%40211beec16903474230052101d0775%2112000030524150435%21sea%21VN%212156584446&curPageLogUid=ULzkXZHowPnw&search_p4p_id=20230725215703883763029321830003466061_2

Seedling leaf

https://vi.aliexpress.com/item/1005005863034227.html?spm=a2g0o.productlist.main.79.11f061db9m8M4o&algo_pvid=57da1ed1-1901-4c69-bf9b-8c73ce7fcb39&aem_p4p_detail=20230725212326383128459293360003324273&algo_exp_id=57da1ed1-1901-4c69-bf9b-8c73ce7fcb39-39&pdp_npi=3%40dis%21VND%21118257%2165048.0%21%21%2135.56%21%21%40211bd7bf16903454060278832d0782%2112000034615544003%21sea%21VN%212156584446&curPageLogUid=OszoIH69vESy&search_p4p_id=20230725212326383128459293360003324273_8&gatewayAdapt=glo2vnm

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