

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; water paint	Dark Red	PANTONE 1787 C
Robot 2 Start Zone	Plywood; water paint	Dark Red	PANTONE 1787 C
Area 1	Plywood; water paint	Light Brown	PANTONE 804 C
Area 2	Plywood; water paint	Green	PANTONE 362 C
Area 3	Plywood; water paint	Yellow	PANTONE 7742 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 291 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; water paint	Dark Blue	PANTONE 1787 C
Robot 2 Start Zone	Plywood; water paint	Dark Blue	PANTONE 1787 C
Area 1	Plywood; water paint	Light Brown	PANTONE 804 C
Area 2	Plywood; water paint	Green	PANTONE 362 C
Area 3	Plywood; water paint	Yellow	PANTONE 7742 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 291 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 653 C
Guideline			
	Non-shiny vinyl tape	White	PANTONE 656 C

2. Paddy rice and Empty Grain

Description	Material	Color	Color Standard CMYK
Red Team Paddy Rice	PU Leather	Dark Red	C1 M100 Y100
Blue Team Paddy Rice	PU Leather	Dark Blue	C93 M69 Y1
Empty Grain	PU Leather	Purple	C41 M76 Y13 K1

- + Weight: from 300 gram to 350 gram; 325 gram \pm 5%
- + Shape: spherical
- + Diameter: 190 mm \pm 5% (Figure 2.1) (standard FIFA Size 3)



Figure 2.1. Paddy Rice, Empty Grain

3. Seedling

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

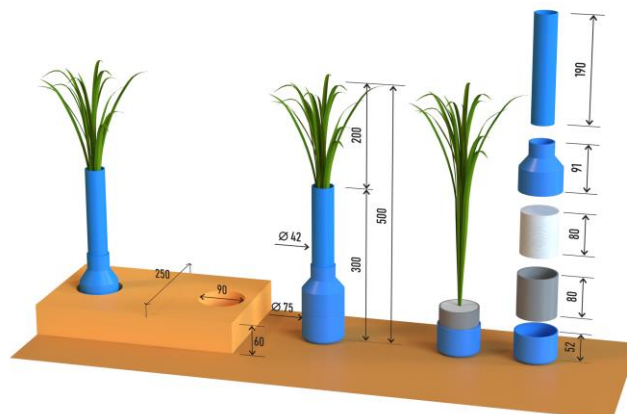


Figure 3.1. Seedling

- + The stem is made of PVC pipe material (Figure 3.1).
- + Seedling leaf cluster: 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

PVC pipe

https://vi.aliexpress.com/item/32840703542.html?spm=a2g0o.productlist.main.1.79e72237qrO6C&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.19.79e72237qrO6C&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

https://vi.aliexpress.com/item/1005005814445970.html?spm=a2g0o.productlist.main.37.7812132dU3bnME&algo_pvid=0a821a68-06e6-4478-b8f2-622c3d3ce63b&algo_exp_id=0a821a68-06e6-4478-b8f2-622c3d3ce63b-18&pdp_npi=3%40dis%21VND%2115604%217093.0%21%21%210.66%21%21%4021224cdb16897799123517348d0765%2112000034445406002%21sea%21VN%214667176099&curPageLogUid=qVrIyUL4WcnT